TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 240-16213-1
Client Project/Site: Canton Drop Forge

For:
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Authorized for release by:
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Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 10
Sample Summary 11
Detection Summary 12
Client Sample Results 19
Surrogate Summary 88
QC Sample Results 93
QC Association Summary 133
Lab Chronicle 143
Certification Summary 152
Chain of Custody 153
Receipt Checklists 158

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H	Sample was prepped or analyzed beyond the specified holding time
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits
X	Surrogate is outside 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.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

Glossary

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

Job ID: 240-16213-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corp-Payne Firm

Project: Canton Drop Forge

Report Number: 240-16213-1

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 10/11/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.2, 2.6, 2.8, 3.3 and 4.1 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS) - Solid

Samples IA07/B-01/1-3 (240-16213-1), IA07/B-01/16-18 (240-16213-2), STRAT-05/2-4 (240-16213-3), IA07/B-02/6-8 (240-16213-4), IA04/B-03/3-5 (240-16213-5), IA04/B-06/2-4 (240-16213-6), IA04/B-04/3-5 (240-16213-7), IA05/B-04/2-4 (240-16213-8), IA05/B-01/2-4 (240-16213-9), IA05/B-01/10-12 (240-16213-10), IA05/B-02/4-6 (240-16213-11), IA05/B-02/12-4 (240-16213-12), IA05/B-03/6-8 (240-16213-13), IA05/B-03/16-18 (240-16213-14), DUP-02/101012 (240-16213-17) and DUP-03/101012 (240-16213-18) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 10/11/2012 and analyzed on 10/20/2012, 10/23/2012 and 10/24/2012.

2-Butanone (MEK), 2-Hexanone and 4-Methyl-2-pentanone (MIBK) were detected in method blank MB 240-62098/6 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.

2-Butanone (MEK), 2-Hexanone and 4-Methyl-2-pentanone (MIBK) were detected in method blank MB 240-62322/6 at levels that were

Job ID: 240-16213-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

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.

2-Hexanone was detected in method blank MB 240-62483/6 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.

4-Methyl-2-pentanone (MIBK) and Methylene chloride were detected in method blank MB 240-62483/6 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. Refer to the QC report for details.

Acetone failed the recovery criteria high for LCS 240-62483/5. Refer to the QC report for details.

Method 5035: This NCM is to document that the samples DUP-02/101012 (240-16213-17), DUP-03/101012 (240-16213-18), IA04/B-03/3-5 (240-16213-5), IA04/B-04/3-5 (240-16213-7), IA04/B-06/2-4 (240-16213-6), IA05/B-01/10-12 (240-16213-10), IA05/B-01/2-4 (240-16213-9), IA05/B-02/12-4 (240-16213-12), IA05/B-02/4-6 (240-16213-11), IA05/B-03/6-8 (240-16213-13), IA05/B-03/6-8 (240-16213-13 MS), IA05/B-03/6-8 (240-16213-13 MSD), IA05/B-04/2-4 (240-16213-8), IA07/B-01/1-3 (240-16213-1), IA07/B-01/16-18 (240-16213-2), IA07/B-01/16-18 (240-16213-2 MS), IA07/B-01/16-18 (240-16213-2 MSD), IA07/B-02/6-8 (240-16213-4), STRAT-05/2-4 (240-16213-3) were inadvertently placed in a sample freezer that was demonstrated by freezer blanks to be contaminated with tetrachloroethene and trichloroethene. The samples were put in that freezer at 19:00 one day and moved to a different freezer the following day at 17:00. It will not be known until analysis if the samples were affected.

Method 8260B: The laboratory control sample (LCS) for batch 62483 exceeded control limits for the following analyte: Acetone. This compound has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS) - Water

Samples RIN-02/101012 (240-16213-15), RIN-03/101012 (240-16213-16), TB-07/101012 (240-16213-19), TB-08/101012 (240-16213-20) and TB-09/101012 (240-16213-21) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/17/2012.

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

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS) - Solid

Samples IA07/B-01/1-3 (240-16213-1), IA07/B-01/16-18 (240-16213-2), STRAT-05/2-4 (240-16213-3), IA07/B-02/6-8 (240-16213-4), IA04/B-03/3-5 (240-16213-5), IA04/B-06/2-4 (240-16213-6), IA04/B-04/3-5 (240-16213-7), IA05/B-04/2-4 (240-16213-8), IA05/B-01/2-4 (240-16213-9), IA05/B-01/10-12 (240-16213-10), IA05/B-02/4-6 (240-16213-11), IA05/B-02/12-4 (240-16213-12), IA05/B-03/6-8 (240-16213-13), IA05/B-03/16-18 (240-16213-14), DUP-02/101012 (240-16213-17) and DUP-03/101012 (240-16213-18) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/18/2012 and 10/27/2012 and analyzed on 10/20/2012, 10/23/2012 and 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.

2-Fluorobiphenyl (Surr), 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria high for IA07/B-01/1-3 (240-16213-1). 2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl (Surr), 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for STRAT-05/2-4 (240-16213-3). 2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl (Surr), 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria high for IA07/B-01/16-18MS (240-16213-2MS). Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for IA07/B-01/16-18MSD (240-16213-2MSD). 2-Fluorobiphenyl (Surr), 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr) and Phenol-d5 (Surr) failed the surrogate recovery criteria high. Refer to the QC report for details.

Several analytes failed the recovery criteria low for the MS of sample IA05/B-03/6-8MS (240-16213-13) in batch 240-62103. 2-Methylnaphthalene and Naphthalene failed the recovery criteria high.

Job ID: 240-16213-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

For the MSD of sample IA05/B-03/6-8MSD (240-16213-13) in batch 240-62103, 2,4-Dinitrophenol, 3,3'-Dichlorobenzidine, 4,6-Dinitro-2-methylphenol and Hexachlorocyclopentadiene failed the recovery criteria low. 2-Methylnaphthalene and Naphthalene failed the recovery criteria high. Also, 4-Chloroaniline exceeded the rpd limit.

Several analytes failed the recovery criteria high for the MS/MSD of sample IA07/B-01/16-18MS/MSD (240-16213-2) in batch 240-62337.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Samples IA07/B-01/1-3 (240-16213-1)[50X], IA07/B-01/16-18 (240-16213-2)[50X], STRAT-05/2-4 (240-16213-3)[1000X], IA05/B-01/2-4 (240-16213-9)[4X], IA05/B-03/6-8 (240-16213-13)[2.5X], DUP-02/101012 (240-16213-17)[50X] and DUP-03/101012 (240-16213-18)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted due to the nature of the sample matrix: DUP-02/101012 (240-16213-17), DUP-03/101012 (240-16213-18), IA07/B-01/16-18 (240-16213-2). Elevated reporting limits (RLs) are provided.

Internal standard responses were outside of acceptance limits for the following sample(s): IA05/B-03/6-8 (240-16213-13 MSD). The sample(s) shows evidence of matrix interference.

The following sample was diluted due to the nature of the sample matrix: IA05/B-01/2-4 (240-16213-9). Elevated reporting limits (RLs) are provided.

The following samples were diluted due to the nature of the sample matrix: IA07/B-01/1-3 (240-16213-1), STRAT-05/2-4 (240-16213-3). Elevated reporting limits (RLs) are provided.

The following sample was diluted due to the nature of the sample matrix: IA05/B-03/6-8 (240-16213-13). Elevated reporting limits (RLs) are provided.

In the initial prep batch (61797) the MS/MSD associated with sample -013 had significantly more matrix than did the parent sample. The sample was subsequently re-prepped. Upon reanalysis the samplesIA05/B-03/6-8 (240-16213-13), IA05/B-03/6-8 (240-16213-13 MS), IA05/B-03/6-8 (240-16213-13 MSD) demonstrated the same inconsistency, demonstrating a non-homogeneous matrix for this sample. Both sets of results have been reported.

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

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS) - Water

Samples RIN-02/101012 (240-16213-15) and RIN-03/101012 (240-16213-16) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/15/2012 and analyzed on 10/18/2012.

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.

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

GASOLINE RANGE ORGANICS (GRO)

Samples IA07/B-01/1-3 (240-16213-1), IA07/B-01/16-18 (240-16213-2), STRAT-05/2-4 (240-16213-3), IA07/B-02/6-8 (240-16213-4), IA04/B-03/3-5 (240-16213-5), IA04/B-06/2-4 (240-16213-6), IA04/B-04/3-5 (240-16213-7), IA05/B-04/2-4 (240-16213-8), IA05/B-01/2-4 (240-16213-9), IA05/B-01/10-12 (240-16213-10), IA05/B-02/4-6 (240-16213-11), IA05/B-02/12-4 (240-16213-12), IA05/B-03/6-8 (240-16213-13), IA05/B-03/16-18 (240-16213-14), DUP-02/101012 (240-16213-17) and DUP-03/101012 (240-16213-18) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were analyzed on 10/15/2012 and 10/16/2012.

Samples STRAT-05/2-4 (240-16213-3)[10X] and IA04/B-03/3-5 (240-16213-5)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 240-16213-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

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

DIESEL RANGE ORGANICS (DRO)

Samples IA07/B-01/1-3 (240-16213-1), IA07/B-01/16-18 (240-16213-2), STRAT-05/2-4 (240-16213-3), IA07/B-02/6-8 (240-16213-4), IA04/B-03/3-5 (240-16213-5), IA04/B-06/2-4 (240-16213-6), IA04/B-04/3-5 (240-16213-7), IA05/B-04/2-4 (240-16213-8), IA05/B-01/2-4 (240-16213-9), IA05/B-01/10-12 (240-16213-10), IA05/B-02/4-6 (240-16213-11), IA05/B-02/12-4 (240-16213-12), IA05/B-03/6-8 (240-16213-13), IA05/B-03/16-18 (240-16213-14), DUP-02/101012 (240-16213-17) and DUP-03/101012 (240-16213-18) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015B - DRO. The samples were prepared on 10/18/2012 and analyzed on 10/21/2012, 10/22/2012 and 10/24/2012.

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.

Diesel failed the recovery criteria high for the MS/MSD of sample IA05/B-03/6-8MS/MSD (240-16213-13) in batch 240-62151. Diesel exceeded the rpd limit.

Diesel failed the recovery criteria high for the MS/MSD of sample IA07/B-01/16-18MS/MSD (240-16213-2) in batch 240-62151.

Samples IA07/B-01/1-3 (240-16213-1)[50X], IA07/B-01/16-18 (240-16213-2)[50X], STRAT-05/2-4 (240-16213-3)[500X], IA05/B-02/4-6 (240-16213-11)[10X], IA05/B-03/6-8 (240-16213-13)[10X], DUP-02/101012 (240-16213-17)[100X] and DUP-03/101012 (240-16213-18) [10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

POLYCHLORINATED BIPHENYLS (PCBS)

Samples IA07/B-01/1-3 (240-16213-1), STRAT-05/2-4 (240-16213-3), IA07/B-02/6-8 (240-16213-4), IA04/B-03/3-5 (240-16213-5), IA04/B-06/2-4 (240-16213-6), IA04/B-04/3-5 (240-16213-7), IA05/B-04/2-4 (240-16213-8), IA05/B-01/2-4 (240-16213-9), IA05/B-02/4-6 (240-16213-11), IA05/B-03/6-8 (240-16213-13) and DUP-03/101012 (240-16213-18) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 10/18/2012 and 10/24/2012 and analyzed on 10/22/2012 and 10/26/2012.

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.

Tetrachloro-m-xylene failed the surrogate recovery criteria high for MB 240-62603/24-A. Refer to the QC report for details.

Aroclor 1016 and Aroclor 1260 exceeded the rpd limit for the MSD of sample IA05/B-03/6-8MSD (240-16213-13) in batch 240-62164.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: DUP-03/101012 (240-16213-18), IA04/B-03/3-5 (240-16213-5), IA04/B-04/3-5 (240-16213-7), IA04/B-06/2-4 (240-16213-6), IA05/B-01/2-4 (240-16213-9), IA05/B-02/4-6 (240-16213-11), IA05/B-03/6-8 (240-16213-13), IA05/B-03/6-8 (240-16213-13 MS), IA05/B-03/6-8 (240-16213-13 MSD), IA05/B-04/2-4 (240-16213-8), IA07/B-01/1-3 (240-16213-1), IA07/B-02/6-8 (240-16213-4), STRAT-05/2-4 (240-16213-3). Lot # S65830

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 4125-102212-1415 (240-16723-1), IA07/B-01/1-3 (240-16213-1). Lot # S65830

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 contained an allowable number of surrogate compounds outside limits: (MB 240-62603/24-A). These results have been reported and qualified.

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

POLYCHLORINATED BIPHENYLS (PCBS)

Job ID: 240-16213-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

Sample RIN-03/101012 (240-16213-16) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 10/15/2012 and analyzed on 10/16/2012.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 61331, 3510C.

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

TOTAL METALS (ICP)

Samples IA07/B-01/1-3 (240-16213-1), IA07/B-01/16-18 (240-16213-2), STRAT-05/2-4 (240-16213-3), IA07/B-02/6-8 (240-16213-4), IA04/B-03/3-5 (240-16213-5), IA04/B-06/2-4 (240-16213-6), IA04/B-04/3-5 (240-16213-7), IA05/B-04/2-4 (240-16213-8), IA05/B-01/2-4 (240-16213-9), IA05/B-01/10-12 (240-16213-10), IA05/B-02/4-6 (240-16213-11), IA05/B-02/12-4 (240-16213-12), IA05/B-03/6-8 (240-16213-13), IA05/B-03/16-18 (240-16213-14), DUP-02/101012 (240-16213-17) and DUP-03/101012 (240-16213-18) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/12/2012 and analyzed on 10/15/2012, 10/16/2012 and 10/17/2012.

Barium was detected in method blank MB 240-61125/1-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 240-61161/1-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.

Barium and Chromium failed the recovery criteria high for the MS of sample IA05/B-03/6-8MS (240-16213-13) in batch 240-61465.

Barium, Chromium and Lead failed the recovery criteria high for the MSD of sample IA05/B-03/6-8MSD (240-16213-13) in batch 240-61465. Chromium exceeded the rpd limit.

Chromium failed the recovery criteria low for the MS of sample IA07/B-01/16-18MS (240-16213-2) in batch 240-61465.

Chromium failed the recovery criteria high for the MSD of sample IA07/B-01/16-18MSD (240-16213-2) in batch 240-61465. Chromium exceeded the rpd limit.

Sample IA07/B-01/1-3 (240-16213-1)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to the nature of the sample matrix: IA07/B-01/1-3 (240-16213-1). Elevated reporting limits (RLs) are provided.

The CCB was greater than or equal to the requested reporting for Selenium. Since the sample results were below the requested reporting limit the results were accepted. DUP-02/101012 (240-16213-17), IA04/B-04/3-5 (240-16213-7), IA05/B-01/10-12 (240-16213-10), IA05/B-02/12-4 (240-16213-12), IA05/B-02/4-6 (240-16213-11), IA05/B-03/16-18 (240-16213-14)

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

TOTAL RECOVERABLE METALS (ICP)

Samples RIN-02/101012 (240-16213-15) and RIN-03/101012 (240-16213-16) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/17/2012 and analyzed on 10/18/2012 and 10/19/2012.

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

TOTAL MERCURY

Samples RIN-02/101012 (240-16213-15) and RIN-03/101012 (240-16213-16) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 10/15/2012 and analyzed on 10/17/2012.

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

Job ID: 240-16213-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

TOTAL MERCURY

Samples IA07/B-01/1-3 (240-16213-1), IA07/B-01/16-18 (240-16213-2), STRAT-05/2-4 (240-16213-3), IA07/B-02/6-8 (240-16213-4), IA04/B-03/3-5 (240-16213-5), IA04/B-06/2-4 (240-16213-6), IA04/B-04/3-5 (240-16213-7), IA05/B-04/2-4 (240-16213-8), IA05/B-01/2-4 (240-16213-9), IA05/B-01/10-12 (240-16213-10), IA05/B-02/4-6 (240-16213-11), IA05/B-02/12-4 (240-16213-12), IA05/B-03/6-8 (240-16213-13), IA05/B-03/16-18 (240-16213-14), DUP-02/101012 (240-16213-17) and DUP-03/101012 (240-16213-18) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared on 10/12/2012 and analyzed on 10/15/2012.

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

PERCENT SOLIDS

Samples IA07/B-01/1-3 (240-16213-1), IA07/B-01/16-18 (240-16213-2), STRAT-05/2-4 (240-16213-3), IA07/B-02/6-8 (240-16213-4), IA04/B-03/3-5 (240-16213-5), IA04/B-06/2-4 (240-16213-6), IA04/B-04/3-5 (240-16213-7), IA05/B-04/2-4 (240-16213-8), IA05/B-01/2-4 (240-16213-9), IA05/B-01/10-12 (240-16213-10), IA05/B-02/4-6 (240-16213-11), IA05/B-02/12-4 (240-16213-12), IA05/B-03/6-8 (240-16213-13), IA05/B-03/16-18 (240-16213-14), DUP-02/101012 (240-16213-17) and DUP-03/101012 (240-16213-18) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/12/2012.

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

Method Summary

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

TestAmerica Job ID: 240-16213-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NC
8015A/OVAP	Gasoline Range Organics (GRO-OVAP)	OVAP	TAL NC
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NC
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NC
6010B	Metals (ICP)	SW846	TAL NC
7470A	Mercury (CVAA)	SW846	TAL NC
7471A	Mercury (CVAA)	SW846	TAL NC
Moisture	Percent Moisture	EPA	TAL NC

Protocol References:

EPA = US Environmental Protection Agency

OVAP = OVAP

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: 240-16213-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-16213-1	IA07/B-01/1-3	Solid	10/10/12 08:55	10/11/12 07:15
240-16213-2	IA07/B-01/16-18	Solid	10/10/12 09:05	10/11/12 07:15
240-16213-3	STRAT-05/2-4	Solid	10/10/12 10:50	10/11/12 07:15
240-16213-4	IA07/B-02/6-8	Solid	10/10/12 11:10	10/11/12 07:15
240-16213-5	IA04/B-03/3-5	Solid	10/10/12 11:50	10/11/12 07:15
240-16213-6	IA04/B-06/2-4	Solid	10/10/12 12:10	10/11/12 07:15
240-16213-7	IA04/B-04/3-5	Solid	10/10/12 12:25	10/11/12 07:15
240-16213-8	IA05/B-04/2-4	Solid	10/10/12 12:45	10/11/12 07:15
240-16213-9	IA05/B-01/2-4	Solid	10/10/12 14:15	10/11/12 07:15
240-16213-10	IA05/B-01/10-12	Solid	10/10/12 14:20	10/11/12 07:15
240-16213-11	IA05/B-02/4-6	Solid	10/10/12 15:20	10/11/12 07:15
240-16213-12	IA05/B-02/12-4	Solid	10/10/12 15:30	10/11/12 07:15
240-16213-13	IA05/B-03/6-8	Solid	10/10/12 16:00	10/11/12 07:15
240-16213-14	IA05/B-03/16-18	Solid	10/10/12 16:20	10/11/12 07:15
240-16213-15	RIN-02/101012	Water	10/10/12 10:20	10/11/12 07:15
240-16213-16	RIN-03/101012	Water	10/10/12 16:55	10/11/12 07:15
240-16213-17	DUP-02/101012	Solid	10/10/12 00:00	10/11/12 07:15
240-16213-18	DUP-03/101012	Solid	10/10/12 00:00	10/11/12 07:15
240-16213-19	TB-07/101012	Water	10/10/12 00:00	10/11/12 07:15
240-16213-20	TB-08/101012	Water	10/10/12 00:00	10/11/12 07:15
240-16213-21	TB-09/101012	Water	10/10/12 00:00	10/11/12 07:15

Detection Summary

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-01/1-3 — Lab Sample ID: 240-16213-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.78	J	5.9	0.62	ug/Kg	1	☼	8260B	Total/NA
Acenaphthylene	4900		360	180	ug/Kg	50	☼	8270C	Total/NA
Anthracene	1400		360	180	ug/Kg	50	☼	8270C	Total/NA
Benzo[a]anthracene	8200		360	180	ug/Kg	50	☼	8270C	Total/NA
Benzo-a-pyrene	9700		360	180	ug/Kg	50	☼	8270C	Total/NA
Benzo[b]fluoranthene	13000		360	180	ug/Kg	50	☼	8270C	Total/NA
Benzo[ghi]perylene	5800		360	180	ug/Kg	50	☼	8270C	Total/NA
Benzo[k]fluoranthene	5200		360	180	ug/Kg	50	☼	8270C	Total/NA
Chrysene	14000		360	59	ug/Kg	50	☼	8270C	Total/NA
Fluoranthene	8300		360	180	ug/Kg	50	☼	8270C	Total/NA
Fluorene	440		360	180	ug/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	4600		360	180	ug/Kg	50	☼	8270C	Total/NA
2-Methylnaphthalene	1300		360	180	ug/Kg	50	☼	8270C	Total/NA
Naphthalene	860		360	180	ug/Kg	50	☼	8270C	Total/NA
Phenanthrene	1500		360	180	ug/Kg	50	☼	8270C	Total/NA
Pyrene	15000		360	180	ug/Kg	50	☼	8270C	Total/NA
Oil Range Organics (C20-C34)	5500		900	500	mg/Kg	50	☼	8015B	Total/NA
Aroclor 1260	330		36	18	ug/Kg	1	☼	8082	Total/NA
Barium	170	B	21	0.075	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.19	J	1.1	0.19	mg/Kg	5	☼	6010B	Total/NA
Chromium	2100		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Silver	0.23	J	0.53	0.11	mg/Kg	1	☼	6010B	Total/NA
Arsenic	19		5.3	1.6	mg/Kg	5	☼	6010B	Total/NA
Lead	140		1.6	1.0	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.041	J	0.10	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA07/B-01/16-18 — Lab Sample ID: 240-16213-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		21	6.7	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	6.2	J B	21	1.5	ug/Kg	1	☼	8260B	Total/NA
Pyrene	490		400	200	ug/Kg	50	☼	8270C	Total/NA
GRO (C6-C12)	140		120	56	ug/Kg	1	☼	8015A/OVAP	Total/NA
Oil Range Organics (C20-C34)	3400		1000	570	mg/Kg	50	☼	8015B	Total/NA
Barium	59	B	24	0.085	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.063	J	0.24	0.043	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		0.60	0.24	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.4		1.2	0.36	mg/Kg	1	☼	6010B	Total/NA
Lead	15		0.36	0.23	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: STRAT-05/2-4 — Lab Sample ID: 240-16213-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.2	J B	29	2.0	ug/Kg	1	☼	8260B	Total/NA
2-Hexanone	2.9	J B	29	0.91	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	2.6	J B	29	0.78	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	1.3	J	14	0.96	ug/Kg	1	☼	8260B	Total/NA
Phenanthrene	8400	J	9300	4600	ug/Kg	1000	☼	8270C	Total/NA
Pyrene	6700	J	9300	4600	ug/Kg	1000	☼	8270C	Total/NA
GRO (C6-C12)	4600		1400	650	ug/Kg	10	☼	8015A/OVAP	Total/NA
Diesel Range Organics (C10-C20)	8400	J	12000	6400	mg/Kg	500	☼	8015B	Total/NA
Oil Range Organics (C20-C34)	77000		12000	6400	mg/Kg	500	☼	8015B	Total/NA
Aroclor 1248	140		47	24	ug/Kg	1	☼	8082	Total/NA

Client Sample ID: STRAT-05/2-4 (Continued) — Lab Sample ID: 240-16213-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	850	B	23	0.082	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.60		0.23	0.041	mg/Kg	1	☼	6010B	Total/NA
Chromium	54		0.57	0.23	mg/Kg	1	☼	6010B	Total/NA
Silver	0.14	J	0.57	0.11	mg/Kg	1	☼	6010B	Total/NA
Arsenic	16		1.1	0.34	mg/Kg	1	☼	6010B	Total/NA
Lead	54		0.34	0.22	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.087	J	0.14	0.021	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA07/B-02/6-8 — Lab Sample ID: 240-16213-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	J	17	5.4	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	3.3	J B	17	1.2	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	1.2	J	4.3	0.38	ug/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	7.7		7.6	3.8	ug/Kg	1	☼	8270C	Total/NA
Benzo-a-pyrene	15		7.6	3.8	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	12		7.6	3.8	ug/Kg	1	☼	8270C	Total/NA
Chrysene	13		7.6	1.3	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	18		7.6	3.8	ug/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	6.9	J	7.6	3.8	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	5.5	J	7.6	3.8	ug/Kg	1	☼	8270C	Total/NA
Pyrene	18		7.6	3.8	ug/Kg	1	☼	8270C	Total/NA
GRO (C6-C12)	55	J	110	52	ug/Kg	1	☼	8015A/OVAP	Total/NA
Oil Range Organics (C20-C34)	48		19	10	mg/Kg	1	☼	8015B	Total/NA
Barium	53	B	19	0.067	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.053	J	0.19	0.034	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		0.47	0.19	mg/Kg	1	☼	6010B	Total/NA
Arsenic	18		0.95	0.28	mg/Kg	1	☼	6010B	Total/NA
Lead	15		0.28	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.021	J	0.11	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA04/B-03/3-5 — Lab Sample ID: 240-16213-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J	19	5.9	ug/Kg	1	☼	8260B	Total/NA
Benzene	2.4	J	4.7	0.22	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	5.5	J B	19	1.3	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.79	J	4.7	0.42	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	3.7	J	4.7	0.25	ug/Kg	1	☼	8260B	Total/NA
Styrene	9.9		4.7	0.14	ug/Kg	1	☼	8260B	Total/NA
Toluene	2.1	J	4.7	0.25	ug/Kg	1	☼	8260B	Total/NA
n-Hexane	19		4.7	1.1	ug/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	12		7.9	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo-a-pyrene	18		7.9	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	17		7.9	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	6.7	J	7.9	3.9	ug/Kg	1	☼	8270C	Total/NA
Chrysene	15		7.9	1.3	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	25	J	60	3.9	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	19		7.9	3.9	ug/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	120		7.9	3.9	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	93		7.9	3.9	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	51		7.9	3.9	ug/Kg	1	☼	8270C	Total/NA
Pyrene	18		7.9	3.9	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: IA04/B-03/3-5 (Continued) — Lab Sample ID: 240-16213-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
GRO (C6-C12)	5000		1200	550	ug/Kg	10	☼	8015A/OVAP	Total/NA
Oil Range Organics (C20-C34)	40		20	11	mg/Kg	1	☼	8015B	Total/NA
Barium	130	B	22	0.078	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.21	J	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.55	0.22	mg/Kg	1	☼	6010B	Total/NA
Arsenic	9.6		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Lead	16		0.33	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: IA04/B-06/2-4 — Lab Sample ID: 240-16213-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	56	B	21	0.074	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.098	J	0.21	0.037	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.52	0.21	mg/Kg	1	☼	6010B	Total/NA
Arsenic	29		1.0	0.31	mg/Kg	1	☼	6010B	Total/NA
Lead	28		0.31	0.20	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.3		0.52	0.47	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.026	J	0.13	0.020	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA04/B-04/3-5 — Lab Sample ID: 240-16213-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.72	J	4.7	0.48	ug/Kg	1	☼	8260B	Total/NA
Barium	59	B	22	0.079	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.11	J	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Chromium	17		0.56	0.22	mg/Kg	1	☼	6010B	Total/NA
Arsenic	16		1.1	0.34	mg/Kg	1	☼	6010B	Total/NA
Lead	15		0.34	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: IA05/B-04/2-4 — Lab Sample ID: 240-16213-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	13		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo-a-pyrene	19		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	22		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[ghi]perylene	4.7	J	8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Chrysene	13		8.2	1.4	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	33	J	62	4.1	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	21		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Fluorene	4.6	J	8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	13		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	130		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	94		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	68		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Pyrene	19		8.2	4.1	ug/Kg	1	☼	8270C	Total/NA
Oil Range Organics (C20-C34)	26		21	12	mg/Kg	1	☼	8015B	Total/NA
Barium	180	B	21	0.076	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.060	J	0.21	0.038	mg/Kg	1	☼	6010B	Total/NA
Chromium	11		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.6		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Lead	14		0.32	0.20	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.96		0.53	0.48	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.058	J	0.13	0.019	mg/Kg	1	☼	7471A	Total/NA

Detection Summary

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-01/2-4 — Lab Sample ID: 240-16213-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	40		30	15	ug/Kg	4	☼	8270C	Total/NA
Benzo[a]anthracene	98		30	15	ug/Kg	4	☼	8270C	Total/NA
Benzo-a-pyrene	110		30	15	ug/Kg	4	☼	8270C	Total/NA
Benzo[b]fluoranthene	110		30	15	ug/Kg	4	☼	8270C	Total/NA
Benzo[ghi]perylene	47		30	15	ug/Kg	4	☼	8270C	Total/NA
Benzo[k]fluoranthene	35		30	15	ug/Kg	4	☼	8270C	Total/NA
Chrysene	150		30	4.9	ug/Kg	4	☼	8270C	Total/NA
Dibenzofuran	310		220	15	ug/Kg	4	☼	8270C	Total/NA
Fluoranthene	120		30	15	ug/Kg	4	☼	8270C	Total/NA
Fluorene	34		30	15	ug/Kg	4	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	55		30	15	ug/Kg	4	☼	8270C	Total/NA
2-Methylnaphthalene	1700		30	15	ug/Kg	4	☼	8270C	Total/NA
Naphthalene	1300		30	15	ug/Kg	4	☼	8270C	Total/NA
Phenanthrene	550		30	15	ug/Kg	4	☼	8270C	Total/NA
Pyrene	170		30	15	ug/Kg	4	☼	8270C	Total/NA
Diesel Range Organics (C10-C20)	26		19	10	mg/Kg	1	☼	8015B	Total/NA
Oil Range Organics (C20-C34)	290		19	10	mg/Kg	1	☼	8015B	Total/NA
Barium	370	B	21	0.075	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.42		0.21	0.038	mg/Kg	1	☼	6010B	Total/NA
Chromium	65		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Arsenic	36		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Lead	38		0.32	0.20	mg/Kg	1	☼	6010B	Total/NA
Selenium	6.0		0.53	0.48	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.097	J	0.11	0.017	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA05/B-01/10-12 — Lab Sample ID: 240-16213-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	50	B	19	0.067	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.18	J	0.19	0.034	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.6		0.47	0.19	mg/Kg	1	☼	6010B	Total/NA
Arsenic	51		0.94	0.28	mg/Kg	1	☼	6010B	Total/NA
Lead	30		0.28	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.036	J	0.10	0.015	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA05/B-02/4-6 — Lab Sample ID: 240-16213-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.8	J B	19	1.3	ug/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	13		7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
Benzo-a-pyrene	21		7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
Benzo[ghi]perylene	7.5	J	7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
Chrysene	30		7.6	1.2	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	9.8	J	57	3.7	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	26		7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
Fluorene	4.2	J	7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	58		7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	39		7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	36		7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
Pyrene	31		7.6	3.7	ug/Kg	1	☼	8270C	Total/NA
Oil Range Organics (C20-C34)	1300		190	110	mg/Kg	10	☼	8015B	Total/NA
Barium	59	B	21	0.074	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.11	J	0.21	0.038	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: IA05/B-02/4-6 (Continued) — Lab Sample ID: 240-16213-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	12		0.52	0.21	mg/Kg	1	☼	6010B	Total/NA
Arsenic	14		1.0	0.31	mg/Kg	1	☼	6010B	Total/NA
Lead	15		0.31	0.20	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.49	J ^	0.52	0.47	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.020	J	0.11	0.017	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA05/B-02/12-4 — Lab Sample ID: 240-16213-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	48	B	22	0.078	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.16	J	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.1		0.55	0.22	mg/Kg	1	☼	6010B	Total/NA
Arsenic	19		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Lead	13		0.33	0.21	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.017	J	0.11	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA05/B-03/6-8 — Lab Sample ID: 240-16213-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23		19	5.9	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	4.5	J B	19	1.3	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	4.4	J	8.0	4.0	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene - RE	27	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Anthracene - RE	21	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Benzo[a]anthracene - RE	42	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Benzo-a-pyrene - RE	37	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Benzo[b]fluoranthene - RE	54	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Benzo[ghi]perylene - RE	44	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Benzo[k]fluoranthene - RE	29	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Chrysene - RE	60	H	20	3.2	ug/Kg	2.5	☼	8270C	Total/NA
Dibenzofuran - RE	56	J H	150	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Di-n-butyl phthalate - RE	45	J H	150	44	ug/Kg	2.5	☼	8270C	Total/NA
Fluoranthene - RE	62	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Fluorene - RE	23	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene - RE	35	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
2-Methylnaphthalene - RE	240	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Naphthalene - RE	170	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Phenanthrene - RE	120	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Pyrene - RE	58	H	20	9.7	ug/Kg	2.5	☼	8270C	Total/NA
Oil Range Organics (C20-C34)	600		200	110	mg/Kg	10	☼	8015B	Total/NA
Aroclor 1260	38	J	40	20	ug/Kg	1	☼	8082	Total/NA
Barium	420	B	21	0.073	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.28		0.21	0.037	mg/Kg	1	☼	6010B	Total/NA
Chromium	160		0.51	0.21	mg/Kg	1	☼	6010B	Total/NA
Arsenic	16		1.0	0.31	mg/Kg	1	☼	6010B	Total/NA
Lead	28		0.31	0.20	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.2		0.51	0.46	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.055	J	0.11	0.017	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: IA05/B-03/16-18 — Lab Sample ID: 240-16213-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	14		8.0	4.0	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: IA05/B-03/16-18 (Continued) — Lab Sample ID: 240-16213-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	9.9		8.0	4.0	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	5.6	J	8.0	4.0	ug/Kg	1	☼	8270C	Total/NA
Barium	68	B	21	0.073	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.096	J	0.21	0.037	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.51	0.21	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		1.0	0.31	mg/Kg	1	☼	6010B	Total/NA
Lead	14		0.31	0.20	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.50	J ^	0.51	0.46	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: RIN-02/101012 — Lab Sample ID: 240-16213-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.64	J	1.0	0.16	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	0.99	J	2.0	0.81	ug/L	1		8270C	Total/NA

Client Sample ID: RIN-03/101012 — Lab Sample ID: 240-16213-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.58	J	1.0	0.16	ug/L	1		8260B	Total/NA
Chromium	5.4		5.0	2.2	ug/L	1		6010B	Total Recoverable

Client Sample ID: DUP-02/101012 — Lab Sample ID: 240-16213-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25	*	20	6.3	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	6.5	J	20	1.4	ug/Kg	1	☼	8260B	Total/NA
n-Hexane	1.9	J	5.0	1.2	ug/Kg	1	☼	8260B	Total/NA
Fluoranthene	230	J	410	200	ug/Kg	50	☼	8270C	Total/NA
Phenanthrene	240	J	410	200	ug/Kg	50	☼	8270C	Total/NA
Pyrene	420		410	200	ug/Kg	50	☼	8270C	Total/NA
GRO (C6-C12)	81	J	120	56	ug/Kg	1	☼	8015A/OVAP	Total/NA
Oil Range Organics (C20-C34)	6400		2100	1100	mg/Kg	100	☼	8015B	Total/NA
Barium	84	B	23	0.082	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.047	J	0.23	0.042	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.5		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Lead	16		0.35	0.22	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: DUP-03/101012 — Lab Sample ID: 240-16213-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22	*	19	5.9	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	4.6	J	19	1.3	ug/Kg	1	☼	8260B	Total/NA
Methylene chloride	5.7	B	4.7	0.62	ug/Kg	1	☼	8260B	Total/NA
Acenaphthene	50	J	79	39	ug/Kg	10	☼	8270C	Total/NA
Benzo[a]anthracene	69	J	79	39	ug/Kg	10	☼	8270C	Total/NA
Benzo-a-pyrene	150		79	39	ug/Kg	10	☼	8270C	Total/NA
Benzo[b]fluoranthene	73	J	79	39	ug/Kg	10	☼	8270C	Total/NA
Chrysene	110		79	13	ug/Kg	10	☼	8270C	Total/NA
Dibenzofuran	170	J	600	39	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	120		79	39	ug/Kg	10	☼	8270C	Total/NA
2-Methylnaphthalene	920		79	39	ug/Kg	10	☼	8270C	Total/NA

Client Sample ID: DUP-03/101012 (Continued) — Lab Sample ID: 240-16213-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	620		79	39	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	350		79	39	ug/Kg	10	☼	8270C	Total/NA
Pyrene	140		79	39	ug/Kg	10	☼	8270C	Total/NA
GRO (C6-C12)	58	J	120	54	ug/Kg	1	☼	8015A/OVAP	Total/NA
Oil Range Organics (C20-C34)	970		200	110	mg/Kg	10	☼	8015B	Total/NA
Barium	210	B	23	0.082	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.15	J	0.23	0.042	mg/Kg	1	☼	6010B	Total/NA
Chromium	380		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.8		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Lead	19		0.35	0.22	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.2		0.58	0.52	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.022	J	0.12	0.018	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TB-07/101012 — Lab Sample ID: 240-16213-19

No Detections

Client Sample ID: TB-08/101012 — Lab Sample ID: 240-16213-20

No Detections

Client Sample ID: TB-09/101012 — Lab Sample ID: 240-16213-21

No Detections

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-01/1-3
Date Collected: 10/10/12 08:55
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-1
Matrix: Solid
Percent Solids: 93.9

8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	7.5	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Benzene	ND		5.9	0.27	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Bromodichloromethane	ND		5.9	0.33	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Bromoform	ND		5.9	0.39	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Bromomethane	ND		5.9	0.64	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
2-Butanone (MEK)	ND		24	1.7	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Carbon disulfide	ND		5.9	0.52	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Carbon tetrachloride	ND		5.9	0.44	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Chlorobenzene	ND		5.9	0.39	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Chloroethane	ND		5.9	1.0	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Chloroform	ND		5.9	0.34	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Chloromethane	ND		5.9	0.49	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
cis-1,2-Dichloroethene	ND		5.9	0.43	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
cis-1,3-Dichloropropene	ND		5.9	0.40	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Dibromochloromethane	ND		5.9	0.65	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
1,1-Dichloroethane	ND		5.9	0.43	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
1,2-Dichloroethane	ND		5.9	0.40	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
1,1-Dichloroethene	ND		5.9	0.62	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
1,2-Dichloropropane	ND		5.9	0.82	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Ethylbenzene	ND		5.9	0.31	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
2-Hexanone	ND		24	0.75	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Methylene chloride	ND		5.9	0.79	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
4-Methyl-2-pentanone (MIBK)	ND		24	0.64	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Styrene	ND		5.9	0.18	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.40	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Tetrachloroethene	**0.78**	J	5.9	0.62	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Toluene	ND		5.9	0.32	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
trans-1,2-Dichloroethene	ND		5.9	0.49	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
trans-1,3-Dichloropropene	ND		5.9	0.64	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
1,1,1-Trichloroethane	ND		5.9	0.66	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
1,1,2-Trichloroethane	ND		5.9	0.46	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Trichloroethene	ND		5.9	0.50	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Vinyl chloride	ND		5.9	0.46	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Xylenes, Total	ND		12	0.79	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
Methyl tert-butyl ether	ND		24	0.51	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1
n-Hexane	ND		5.9	1.4	ug/Kg	☼	10/11/12 19:00	10/20/12 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*60*		*52 - 136*	*10/11/12 19:00*	*10/20/12 05:37*	*1*
Dibromofluoromethane (Surr)	*72*		*37 - 132*	*10/11/12 19:00*	*10/20/12 05:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*58 - 123*	*10/11/12 19:00*	*10/20/12 05:37*	*1*
Toluene-d8 (Surr)	*90*		*67 - 125*	*10/11/12 19:00*	*10/20/12 05:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Acenaphthylene	**4900**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Anthracene	**1400**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Benzo[a]anthracene	**8200**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Benzo-a-pyrene	**9700**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Benzo[b]fluoranthene	**13000**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-01/1-3
Date Collected: 10/10/12 08:55
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-1
Matrix: Solid
Percent Solids: 93.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	**5800**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Benzo[k]fluoranthene	**5200**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Bis(2-chloroethoxy)methane	ND		5400	1200	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Bis(2-chloroethyl)ether	ND		5400	110	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Bis(2-ethylhexyl) phthalate	ND		2700	1000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
4-Bromophenyl phenyl ether	ND		2700	700	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Butyl benzyl phthalate	ND		2700	540	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
4-Chloroaniline	ND		8100	920	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
4-Chloro-3-methylphenol	ND		8100	1100	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2-Chloronaphthalene	ND		2700	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2-Chlorophenol	ND		2700	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
4-Chlorophenyl phenyl ether	ND		2700	700	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Chrysene	**14000**		360	59	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Dibenz(a,h)anthracene	ND		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Dibenzofuran	ND		2700	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
1,2-Dichlorobenzene	ND		2700	520	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
1,3-Dichlorobenzene	ND		2700	590	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
1,4-Dichlorobenzene	ND		2700	1100	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
3,3'-Dichlorobenzidine	ND		5400	970	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2,4-Dichlorophenol	ND		8100	1100	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Diethyl phthalate	ND		2700	860	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2,4-Dimethylphenol	ND		8100	1100	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Dimethyl phthalate	ND		2700	920	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Di-n-butyl phthalate	ND		2700	810	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
4,6-Dinitro-2-methylphenol	ND		8100	4300	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2,4-Dinitrophenol	ND		18000	4300	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2,4-Dinitrotoluene	ND		11000	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2,6-Dinitrotoluene	ND		11000	1100	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Di-n-octyl phthalate	ND		2700	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Fluoranthene	**8300**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Fluorene	**440**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Hexachlorobenzene	ND		360	110	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Hexachlorobutadiene	ND		2700	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Hexachlorocyclopentadiene	ND		18000	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Hexachloroethane	ND		2700	490	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Indeno[1,2,3-cd]pyrene	**4600**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Isophorone	ND		2700	700	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2-Methylnaphthalene	**1300**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2-Methylphenol	ND		11000	4300	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
3 & 4 Methylphenol	ND		22000	1100	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Naphthalene	**860**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2-Nitroaniline	ND		11000	490	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
3-Nitroaniline	ND		11000	860	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
4-Nitroaniline	ND		11000	1400	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Nitrobenzene	ND		5400	120	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2-Nitrophenol	ND		2700	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
4-Nitrophenol	ND		18000	4300	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
N-Nitrosodi-n-propylamine	ND		2700	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
N-Nitrosodiphenylamine	ND		2700	1100	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2,2'-oxybis[1-chloropropane]	ND		5400	510	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Pentachlorophenol	ND		8100	4300	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-01/1-3
Date Collected: 10/10/12 08:55
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-1
Matrix: Solid
Percent Solids: 93.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**1500**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Phenol	ND		2700	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
Pyrene	**15000**		360	180	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
1,2,4-Trichlorobenzene	ND		2700	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2,4,5-Trichlorophenol	ND		8100	1400	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50
2,4,6-Trichlorophenol	ND		8100	4300	ug/Kg	☼	10/18/12 09:30	10/23/12 10:33	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*120*	*X*	*24 - 110*	*10/18/12 09:30*	*10/23/12 10:33*	*50*
2-Fluorophenol (Surr)	*114*	*X*	*24 - 110*	*10/18/12 09:30*	*10/23/12 10:33*	*50*
Nitrobenzene-d5 (Surr)	*116*	*X*	*20 - 110*	*10/18/12 09:30*	*10/23/12 10:33*	*50*
Phenol-d5 (Surr)	*127*	*X*	*26 - 110*	*10/18/12 09:30*	*10/23/12 10:33*	*50*
Terphenyl-d14 (Surr)	*135*	*X*	*36 - 110*	*10/18/12 09:30*	*10/23/12 10:33*	*50*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 110*	*10/18/12 09:30*	*10/23/12 10:33*	*50*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		110	49	ug/Kg	☼		10/15/12 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*48*		*10 - 150*		*10/15/12 15:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		900	500	mg/Kg	☼	10/18/12 09:36	10/21/12 20:29	50
Oil Range Organics (C20-C34)	**5500**		900	500	mg/Kg	☼	10/18/12 09:36	10/21/12 20:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*44*		*10 - 110*	*10/18/12 09:36*	*10/21/12 20:29*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		36	23	ug/Kg	☼	10/24/12 13:54	10/26/12 07:18	1
Aroclor 1221	ND		36	17	ug/Kg	☼	10/24/12 13:54	10/26/12 07:18	1
Aroclor 1232	ND		36	15	ug/Kg	☼	10/24/12 13:54	10/26/12 07:18	1
Aroclor 1242	ND		36	14	ug/Kg	☼	10/24/12 13:54	10/26/12 07:18	1
Aroclor 1248	ND		36	18	ug/Kg	☼	10/24/12 13:54	10/26/12 07:18	1
Aroclor 1254	ND		36	18	ug/Kg	☼	10/24/12 13:54	10/26/12 07:18	1
Aroclor 1260	**330**		36	18	ug/Kg	☼	10/24/12 13:54	10/26/12 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*44*		*29 - 151*	*10/24/12 13:54*	*10/26/12 07:18*	*1*
DCB Decachlorobiphenyl	*49*		*14 - 163*	*10/24/12 13:54*	*10/26/12 07:18*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**170**	B	21	0.075	mg/Kg	☼	10/12/12 10:17	10/15/12 13:00	1
Cadmium	**0.19**	J	1.1	0.19	mg/Kg	☼	10/12/12 10:17	10/16/12 03:41	5
Chromium	**2100**		0.53	0.21	mg/Kg	☼	10/12/12 10:17	10/15/12 13:00	1
Silver	**0.23**	J	0.53	0.11	mg/Kg	☼	10/12/12 10:17	10/15/12 13:00	1
Arsenic	**19**		5.3	1.6	mg/Kg	☼	10/12/12 10:17	10/16/12 03:41	5
Lead	**140**		1.6	1.0	mg/Kg	☼	10/12/12 10:17	10/16/12 03:41	5
Selenium	ND		2.6	2.4	mg/Kg	☼	10/12/12 10:17	10/16/12 03:41	5

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-01/1-3
Date Collected: 10/10/12 08:55
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-1
Matrix: Solid
Percent Solids: 93.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041	J	0.10	0.016	mg/Kg	☼	10/12/12 14:20	10/15/12 12:25	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-01/16-18

Date Collected: 10/10/12 09:05
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-2

Matrix: Solid
Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**22**		21	6.7	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Benzene	ND		5.4	0.25	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Bromodichloromethane	ND		5.4	0.30	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Bromoform	ND		5.4	0.35	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Bromomethane	ND		5.4	0.58	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
2-Butanone (MEK)	**6.2**	**J B**	21	1.5	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Carbon disulfide	ND		5.4	0.47	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Carbon tetrachloride	ND		5.4	0.40	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Chlorobenzene	ND		5.4	0.35	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Chloroethane	ND		5.4	0.92	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Chloroform	ND		5.4	0.31	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Chloromethane	ND		5.4	0.44	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
cis-1,2-Dichloroethene	ND		5.4	0.39	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
cis-1,3-Dichloropropene	ND		5.4	0.36	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Dibromochloromethane	ND		5.4	0.59	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
1,1-Dichloroethane	ND		5.4	0.39	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
1,2-Dichloroethane	ND		5.4	0.36	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
1,1-Dichloroethene	ND		5.4	0.56	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
1,2-Dichloropropane	ND		5.4	0.74	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Ethylbenzene	ND		5.4	0.28	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
2-Hexanone	ND		21	0.67	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Methylene chloride	ND		5.4	0.72	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
4-Methyl-2-pentanone (MIBK)	ND		21	0.58	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Styrene	ND		5.4	0.16	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
1,1,2,2-Tetrachloroethane	ND		5.4	0.36	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Tetrachloroethene	ND		5.4	0.56	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Toluene	ND		5.4	0.29	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
trans-1,2-Dichloroethene	ND		5.4	0.44	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
trans-1,3-Dichloropropene	ND		5.4	0.58	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
1,1,1-Trichloroethane	ND		5.4	0.60	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
1,1,2-Trichloroethane	ND		5.4	0.42	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Trichloroethene	ND		5.4	0.45	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Vinyl chloride	ND		5.4	0.42	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Xylenes, Total	ND		11	0.72	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
Methyl tert-butyl ether	ND		21	0.46	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1
n-Hexane	ND		5.4	1.3	ug/Kg	☼	10/11/12 19:00	10/20/12 05:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*52 - 136*	*10/11/12 19:00*	*10/20/12 05:58*	*1*
Dibromofluoromethane (Surr)	*68*		*37 - 132*	*10/11/12 19:00*	*10/20/12 05:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*78*		*58 - 123*	*10/11/12 19:00*	*10/20/12 05:58*	*1*
Toluene-d8 (Surr)	*79*		*67 - 125*	*10/11/12 19:00*	*10/20/12 05:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Acenaphthylene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Anthracene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Benzo[a]anthracene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Benzo-a-pyrene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Benzo[b]fluoranthene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50

Client Sample ID: IA07/B-01/16-18
Date Collected: 10/10/12 09:05
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-2
Matrix: Solid
Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Benzo[k]fluoranthene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Bis(2-chloroethoxy)methane	ND		6000	1300	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Bis(2-chloroethyl)ether	ND		6000	120	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Bis(2-ethylhexyl) phthalate	ND		3000	1100	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
4-Bromophenyl phenyl ether	ND		3000	780	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Butyl benzyl phthalate	ND		3000	600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
4-Chloroaniline	ND		9000	1000	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
4-Chloro-3-methylphenol	ND		9000	1300	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2-Chloronaphthalene	ND		3000	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2-Chlorophenol	ND		3000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
4-Chlorophenyl phenyl ether	ND		3000	780	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Chrysene	ND		400	66	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Dibenz(a,h)anthracene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Dibenzofuran	ND		3000	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
1,2-Dichlorobenzene	ND		3000	580	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
1,3-Dichlorobenzene	ND		3000	660	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
1,4-Dichlorobenzene	ND		3000	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
3,3'-Dichlorobenzidine	ND		6000	1100	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2,4-Dichlorophenol	ND		9000	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Diethyl phthalate	ND		3000	960	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2,4-Dimethylphenol	ND		9000	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Dimethyl phthalate	ND		3000	1000	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Di-n-butyl phthalate	ND		3000	900	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
4,6-Dinitro-2-methylphenol	ND		9000	4800	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2,4-Dinitrophenol	ND		20000	4800	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2,4-Dinitrotoluene	ND		12000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2,6-Dinitrotoluene	ND		12000	1300	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Di-n-octyl phthalate	ND		3000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Fluoranthene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Fluorene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Hexachlorobenzene	ND		400	130	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Hexachlorobutadiene	ND		3000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Hexachlorocyclopentadiene	ND		20000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Hexachloroethane	ND		3000	540	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Indeno[1,2,3-cd]pyrene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Isophorone	ND		3000	780	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2-Methylnaphthalene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2-Methylphenol	ND		12000	4800	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
3 & 4 Methylphenol	ND		24000	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Naphthalene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2-Nitroaniline	ND		12000	550	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
3-Nitroaniline	ND		12000	960	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
4-Nitroaniline	ND		12000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Nitrobenzene	ND		6000	130	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2-Nitrophenol	ND		3000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
4-Nitrophenol	ND		20000	4800	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
N-Nitrosodi-n-propylamine	ND		3000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
N-Nitrosodiphenylamine	ND		3000	1300	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2,2'-oxybis[1-chloropropane]	ND		6000	570	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Pentachlorophenol	ND		9000	4800	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-01/16-18

Date Collected: 10/10/12 09:05
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-2

Matrix: Solid
Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Phenol	ND		3000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
Pyrene	**490**		400	200	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
1,2,4-Trichlorobenzene	ND		3000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2,4,5-Trichlorophenol	ND		9000	1500	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50
2,4,6-Trichlorophenol	ND		9000	4800	ug/Kg	☼	10/18/12 09:30	10/20/12 21:10	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*58*		*24 - 110*	*10/18/12 09:30*	*10/20/12 21:10*	*50*
2-Fluorophenol (Surr)	*53*		*24 - 110*	*10/18/12 09:30*	*10/20/12 21:10*	*50*
Nitrobenzene-d5 (Surr)	*47*		*20 - 110*	*10/18/12 09:30*	*10/20/12 21:10*	*50*
Phenol-d5 (Surr)	*51*		*26 - 110*	*10/18/12 09:30*	*10/20/12 21:10*	*50*
Terphenyl-d14 (Surr)	*74*		*36 - 110*	*10/18/12 09:30*	*10/20/12 21:10*	*50*
2,4,6-Tribromophenol (Surr)	*33*		*10 - 110*	*10/18/12 09:30*	*10/20/12 21:10*	*50*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	**140**		120	56	ug/Kg	☼		10/15/12 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*56*		*10 - 150*		*10/15/12 15:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		1000	570	mg/Kg	☼	10/18/12 09:36	10/22/12 10:09	50
Oil Range Organics (C20-C34)	**3400**		1000	570	mg/Kg	☼	10/18/12 09:36	10/22/12 10:09	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*45*		*10 - 110*	*10/18/12 09:36*	*10/22/12 10:09*	*50*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**59**	B	24	0.085	mg/Kg	☼	10/12/12 10:17	10/15/12 12:38	1
Cadmium	**0.063**	J	0.24	0.043	mg/Kg	☼	10/12/12 10:17	10/15/12 12:38	1
Chromium	**12**		0.60	0.24	mg/Kg	☼	10/12/12 10:17	10/15/12 12:38	1
Silver	ND		0.60	0.12	mg/Kg	☼	10/12/12 10:17	10/15/12 12:38	1
Arsenic	**2.4**		1.2	0.36	mg/Kg	☼	10/12/12 10:17	10/15/12 12:38	1
Lead	**15**		0.36	0.23	mg/Kg	☼	10/12/12 10:17	10/15/12 12:38	1
Selenium	ND		0.60	0.54	mg/Kg	☼	10/12/12 10:17	10/15/12 12:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.020	mg/Kg	☼	10/12/12 14:20	10/15/12 12:20	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: STRAT-05/2-4

Date Collected: 10/10/12 10:50
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-3
Matrix: Solid
Percent Solids: 70.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		29	9.1	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Benzene	ND		7.2	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Bromodichloromethane	ND		7.2	0.40	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Bromoform	ND		7.2	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Bromomethane	ND		7.2	0.78	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
2-Butanone (MEK)	**6.2**	**J B**	29	2.0	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Carbon disulfide	ND		7.2	0.63	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Carbon tetrachloride	ND		7.2	0.53	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Chlorobenzene	ND		7.2	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Chloroethane	ND		7.2	1.2	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Chloroform	ND		7.2	0.42	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Chloromethane	ND		7.2	0.59	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
cis-1,2-Dichloroethene	ND		7.2	0.52	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
cis-1,3-Dichloropropene	ND		7.2	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Dibromochloromethane	ND		7.2	0.79	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
1,1-Dichloroethane	ND		7.2	0.52	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
1,2-Dichloroethane	ND		7.2	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
1,1-Dichloroethene	ND		7.2	0.75	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
1,2-Dichloropropane	ND		7.2	0.99	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Ethylbenzene	ND		7.2	0.37	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
2-Hexanone	**2.9**	**J B**	29	0.91	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Methylene chloride	ND		7.2	0.96	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
4-Methyl-2-pentanone (MIBK)	**2.6**	**J B**	29	0.78	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Styrene	ND		7.2	0.22	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
1,1,2,2-Tetrachloroethane	ND		7.2	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Tetrachloroethene	ND		7.2	0.75	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Toluene	ND		7.2	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
trans-1,2-Dichloroethene	ND		7.2	0.59	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
trans-1,3-Dichloropropene	ND		7.2	0.78	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
1,1,1-Trichloroethane	ND		7.2	0.81	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
1,1,2-Trichloroethane	ND		7.2	0.56	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Trichloroethene	ND		7.2	0.60	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Vinyl chloride	ND		7.2	0.56	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Xylenes, Total	**1.3**	**J**	14	0.96	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
Methyl tert-butyl ether	ND		29	0.62	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1
n-Hexane	ND		7.2	1.7	ug/Kg	☼	10/11/12 19:00	10/23/12 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*52 - 136*	*10/11/12 19:00*	*10/23/12 02:24*	*1*
Dibromofluoromethane (Surr)	*84*		*37 - 132*	*10/11/12 19:00*	*10/23/12 02:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 123*	*10/11/12 19:00*	*10/23/12 02:24*	*1*
Toluene-d8 (Surr)	*95*		*67 - 125*	*10/11/12 19:00*	*10/23/12 02:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Acenaphthylene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Anthracene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Benzo[a]anthracene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Benzo-a-pyrene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Benzo[b]fluoranthene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000

Client Sample ID: STRAT-05/2-4

Lab Sample ID: 240-16213-3

Date Collected: 10/10/12 10:50
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 70.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Benzo[k]fluoranthene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Bis(2-chloroethoxy)methane	ND		140000	31000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Bis(2-chloroethyl)ether	ND		140000	2800	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Bis(2-ethylhexyl) phthalate	ND		70000	26000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
4-Bromophenyl phenyl ether	ND		70000	18000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Butyl benzyl phthalate	ND		70000	14000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
4-Chloroaniline	ND		210000	24000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
4-Chloro-3-methylphenol	ND		210000	29000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2-Chloronaphthalene	ND		70000	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2-Chlorophenol	ND		70000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
4-Chlorophenyl phenyl ether	ND		70000	18000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Chrysene	ND		9300	1500	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Dibenz(a,h)anthracene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Dibenzofuran	ND		70000	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
1,2-Dichlorobenzene	ND		70000	14000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
1,3-Dichlorobenzene	ND		70000	15000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
1,4-Dichlorobenzene	ND		70000	28000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
3,3'-Dichlorobenzidine	ND		140000	25000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2,4-Dichlorophenol	ND		210000	28000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Diethyl phthalate	ND		70000	22000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2,4-Dimethylphenol	ND		210000	28000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Dimethyl phthalate	ND		70000	24000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Di-n-butyl phthalate	ND		70000	21000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
4,6-Dinitro-2-methylphenol	ND		210000	110000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2,4-Dinitrophenol	ND		460000	110000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2,4-Dinitrotoluene	ND		280000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2,6-Dinitrotoluene	ND		280000	29000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Di-n-octyl phthalate	ND		70000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Fluoranthene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Fluorene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Hexachlorobenzene	ND		9300	2900	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Hexachlorobutadiene	ND		70000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Hexachlorocyclopentadiene	ND		460000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Hexachloroethane	ND		70000	13000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Indeno[1,2,3-cd]pyrene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Isophorone	ND		70000	18000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2-Methylnaphthalene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2-Methylphenol	ND		280000	110000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
3 & 4 Methylphenol	ND		560000	28000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Naphthalene	ND		9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2-Nitroaniline	ND		280000	13000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
3-Nitroaniline	ND		280000	22000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
4-Nitroaniline	ND		280000	36000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Nitrobenzene	ND		140000	3100	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2-Nitrophenol	ND		70000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
4-Nitrophenol	ND		460000	110000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
N-Nitrosodi-n-propylamine	ND		70000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
N-Nitrosodiphenylamine	ND		70000	29000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2,2'-oxybis[1-chloropropane]	ND		140000	13000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Pentachlorophenol	ND		210000	110000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: STRAT-05/2-4

Date Collected: 10/10/12 10:50
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-3

Matrix: Solid
Percent Solids: 70.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**8400**	J	9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Phenol	ND		70000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
Pyrene	**6700**	J	9300	4600	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
1,2,4-Trichlorobenzene	ND		70000	38000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2,4,5-Trichlorophenol	ND		210000	35000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000
2,4,6-Trichlorophenol	ND		210000	110000	ug/Kg	☼	10/18/12 09:30	10/23/12 10:55	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*0*	*X*	*24 - 110*	*10/18/12 09:30*	*10/23/12 10:55*	*1000*
2-Fluorophenol (Surr)	*0*	*X*	*24 - 110*	*10/18/12 09:30*	*10/23/12 10:55*	*1000*
Nitrobenzene-d5 (Surr)	*0*	*X*	*20 - 110*	*10/18/12 09:30*	*10/23/12 10:55*	*1000*
Phenol-d5 (Surr)	*0*	*X*	*26 - 110*	*10/18/12 09:30*	*10/23/12 10:55*	*1000*
Terphenyl-d14 (Surr)	*0*	*X*	*36 - 110*	*10/18/12 09:30*	*10/23/12 10:55*	*1000*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*10 - 110*	*10/18/12 09:30*	*10/23/12 10:55*	*1000*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	**4600**		1400	650	ug/Kg	☼		10/15/12 17:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*88*		*10 - 150*		*10/15/12 17:35*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	**8400**	J	12000	6400	mg/Kg	☼	10/18/12 09:36	10/22/12 11:41	500
Oil Range Organics (C20-C34)	**77000**		12000	6400	mg/Kg	☼	10/18/12 09:36	10/22/12 11:41	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*53*		*10 - 110*	*10/18/12 09:36*	*10/22/12 11:41*	*500*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		47	30	ug/Kg	☼	10/18/12 09:42	10/22/12 08:41	1
Aroclor 1221	ND		47	23	ug/Kg	☼	10/18/12 09:42	10/22/12 08:41	1
Aroclor 1232	ND		47	20	ug/Kg	☼	10/18/12 09:42	10/22/12 08:41	1
Aroclor 1242	ND		47	18	ug/Kg	☼	10/18/12 09:42	10/22/12 08:41	1
Aroclor 1248	**140**		47	24	ug/Kg	☼	10/18/12 09:42	10/22/12 08:41	1
Aroclor 1254	ND		47	24	ug/Kg	☼	10/18/12 09:42	10/22/12 08:41	1
Aroclor 1260	ND		47	24	ug/Kg	☼	10/18/12 09:42	10/22/12 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*48*		*29 - 151*	*10/18/12 09:42*	*10/22/12 08:41*	*1*
DCB Decachlorobiphenyl	*110*		*14 - 163*	*10/18/12 09:42*	*10/22/12 08:41*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**850**	B	23	0.082	mg/Kg	☼	10/12/12 10:17	10/15/12 13:06	1
Cadmium	**0.60**		0.23	0.041	mg/Kg	☼	10/12/12 10:17	10/15/12 13:06	1
Chromium	**54**		0.57	0.23	mg/Kg	☼	10/12/12 10:17	10/15/12 13:06	1
Silver	**0.14**	J	0.57	0.11	mg/Kg	☼	10/12/12 10:17	10/15/12 13:06	1
Arsenic	**16**		1.1	0.34	mg/Kg	☼	10/12/12 10:17	10/15/12 13:06	1
Lead	**54**		0.34	0.22	mg/Kg	☼	10/12/12 10:17	10/15/12 13:06	1
Selenium	ND		0.57	0.52	mg/Kg	☼	10/12/12 10:17	10/15/12 13:06	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: STRAT-05/2-4
Date Collected: 10/10/12 10:50
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-3
Matrix: Solid
Percent Solids: 70.8

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.087	J	0.14	0.021	mg/Kg	☼	10/12/12 14:20	10/15/12 12:27	1

8

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-02/6-8

Date Collected: 10/10/12 11:10
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-4

Matrix: Solid
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	13	J	17	5.4	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Benzene	ND		4.3	0.20	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Bromodichloromethane	ND		4.3	0.24	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Bromoform	ND		4.3	0.28	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Bromomethane	ND		4.3	0.46	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
2-Butanone (MEK)	3.3	J B	17	1.2	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Carbon disulfide	1.2	J	4.3	0.38	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Carbon tetrachloride	ND		4.3	0.32	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Chlorobenzene	ND		4.3	0.28	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Chloroethane	ND		4.3	0.74	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Chloroform	ND		4.3	0.25	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Chloromethane	ND		4.3	0.35	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
cis-1,2-Dichloroethene	ND		4.3	0.31	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
cis-1,3-Dichloropropene	ND		4.3	0.29	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Dibromochloromethane	ND		4.3	0.47	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
1,1-Dichloroethane	ND		4.3	0.31	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
1,2-Dichloroethane	ND		4.3	0.29	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
1,1-Dichloroethene	ND		4.3	0.45	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
1,2-Dichloropropane	ND		4.3	0.59	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Ethylbenzene	ND		4.3	0.22	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
2-Hexanone	ND		17	0.54	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Methylene chloride	ND		4.3	0.57	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
4-Methyl-2-pentanone (MIBK)	ND		17	0.46	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Styrene	ND		4.3	0.13	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
1,1,2,2-Tetrachloroethane	ND		4.3	0.29	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Tetrachloroethene	ND		4.3	0.45	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Toluene	ND		4.3	0.23	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
trans-1,2-Dichloroethene	ND		4.3	0.35	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
trans-1,3-Dichloropropene	ND		4.3	0.46	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
1,1,1-Trichloroethane	ND		4.3	0.48	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
1,1,2-Trichloroethane	ND		4.3	0.33	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Trichloroethene	ND		4.3	0.36	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Vinyl chloride	ND		4.3	0.33	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Xylenes, Total	ND		8.6	0.57	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
Methyl tert-butyl ether	ND		17	0.37	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1
n-Hexane	ND		4.3	1.0	ug/Kg	☼	10/11/12 19:00	10/20/12 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*52 - 136*	*10/11/12 19:00*	*10/20/12 07:23*	*1*
Dibromofluoromethane (Surr)	*72*		*37 - 132*	*10/11/12 19:00*	*10/20/12 07:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*58 - 123*	*10/11/12 19:00*	*10/20/12 07:23*	*1*
Toluene-d8 (Surr)	*85*		*67 - 125*	*10/11/12 19:00*	*10/20/12 07:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Acenaphthylene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Anthracene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Benzo[a]anthracene	7.7		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Benzo-a-pyrene	15		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Benzo[b]fluoranthene	12		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1

Client Sample ID: IA07/B-02/6-8

Lab Sample ID: 240-16213-4

Date Collected: 10/10/12 11:10
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Benzo[k]fluoranthene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Bis(2-chloroethoxy)methane	ND		110	25	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Bis(2-chloroethyl)ether	ND		110	2.3	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Bis(2-ethylhexyl) phthalate	ND		57	22	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
4-Bromophenyl phenyl ether	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Butyl benzyl phthalate	ND		57	11	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2-Chloronaphthalene	ND		57	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2-Chlorophenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
4-Chlorophenyl phenyl ether	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Chrysene	**13**		7.6	1.3	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Dibenz(a,h)anthracene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Dibenzofuran	ND		57	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
1,2-Dichlorobenzene	ND		57	11	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
1,3-Dichlorobenzene	ND		57	13	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
1,4-Dichlorobenzene	ND		57	23	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
3,3'-Dichlorobenzidine	ND		110	20	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2,4-Dichlorophenol	ND		170	23	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Diethyl phthalate	ND		57	18	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2,4-Dimethylphenol	ND		170	23	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Dimethyl phthalate	ND		57	19	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Di-n-butyl phthalate	ND		57	17	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
4,6-Dinitro-2-methylphenol	ND		170	91	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2,4-Dinitrophenol	ND		380	91	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2,4-Dinitrotoluene	ND		230	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2,6-Dinitrotoluene	ND		230	24	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Di-n-octyl phthalate	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Fluoranthene	**18**		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Fluorene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Hexachlorobenzene	ND		7.6	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Hexachlorobutadiene	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Hexachlorocyclopentadiene	ND		380	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Hexachloroethane	ND		57	10	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Indeno[1,2,3-cd]pyrene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Isophorone	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2-Methylnaphthalene	**6.9**	**J**	7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2-Methylphenol	ND		230	91	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
3 & 4 Methylphenol	ND		460	23	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Naphthalene	**5.5**	**J**	7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2-Nitroaniline	ND		230	10	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
3-Nitroaniline	ND		230	18	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Nitrobenzene	ND		110	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2-Nitrophenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
4-Nitrophenol	ND		380	91	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
N-Nitrosodi-n-propylamine	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
N-Nitrosodiphenylamine	ND		57	24	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2,2'-oxybis[1-chloropropane]	ND		110	11	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Pentachlorophenol	ND		170	91	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-02/6-8

Lab Sample ID: 240-16213-4

Date Collected: 10/10/12 11:10
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Phenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
Pyrene	18		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
1,2,4-Trichlorobenzene	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2,4,5-Trichlorophenol	ND		170	28	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1
2,4,6-Trichlorophenol	ND		170	91	ug/Kg	☼	10/18/12 09:30	10/20/12 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*24 - 110*	*10/18/12 09:30*	*10/20/12 19:13*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 110*	*10/18/12 09:30*	*10/20/12 19:13*	*1*
Nitrobenzene-d5 (Surr)	*59*		*20 - 110*	*10/18/12 09:30*	*10/20/12 19:13*	*1*
Phenol-d5 (Surr)	*65*		*26 - 110*	*10/18/12 09:30*	*10/20/12 19:13*	*1*
Terphenyl-d14 (Surr)	*85*		*36 - 110*	*10/18/12 09:30*	*10/20/12 19:13*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 110*	*10/18/12 09:30*	*10/20/12 19:13*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	55	J	110	52	ug/Kg	☼		10/15/12 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*90*		*10 - 150*		*10/15/12 18:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		19	10	mg/Kg	☼	10/18/12 09:36	10/21/12 23:04	1
Oil Range Organics (C20-C34)	48		19	10	mg/Kg	☼	10/18/12 09:36	10/21/12 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*46*		*10 - 110*	*10/18/12 09:36*	*10/21/12 23:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		38	24	ug/Kg	☼	10/18/12 09:42	10/22/12 08:54	1
Aroclor 1221	ND		38	18	ug/Kg	☼	10/18/12 09:42	10/22/12 08:54	1
Aroclor 1232	ND		38	16	ug/Kg	☼	10/18/12 09:42	10/22/12 08:54	1
Aroclor 1242	ND		38	15	ug/Kg	☼	10/18/12 09:42	10/22/12 08:54	1
Aroclor 1248	ND		38	19	ug/Kg	☼	10/18/12 09:42	10/22/12 08:54	1
Aroclor 1254	ND		38	19	ug/Kg	☼	10/18/12 09:42	10/22/12 08:54	1
Aroclor 1260	ND		38	19	ug/Kg	☼	10/18/12 09:42	10/22/12 08:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*29 - 151*	*10/18/12 09:42*	*10/22/12 08:54*	*1*
DCB Decachlorobiphenyl	*65*		*14 - 163*	*10/18/12 09:42*	*10/22/12 08:54*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	53	B	19	0.067	mg/Kg	☼	10/12/12 10:17	10/15/12 13:12	1
Cadmium	0.053	J	0.19	0.034	mg/Kg	☼	10/12/12 10:17	10/15/12 13:12	1
Chromium	15		0.47	0.19	mg/Kg	☼	10/12/12 10:17	10/15/12 13:12	1
Silver	ND		0.47	0.095	mg/Kg	☼	10/12/12 10:17	10/15/12 13:12	1
Arsenic	18		0.95	0.28	mg/Kg	☼	10/12/12 10:17	10/15/12 13:12	1
Lead	15		0.28	0.18	mg/Kg	☼	10/12/12 10:17	10/15/12 13:12	1
Selenium	ND		0.47	0.43	mg/Kg	☼	10/12/12 10:17	10/15/12 13:12	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-02/6-8
Date Collected: 10/10/12 11:10
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-4
Matrix: Solid
Percent Solids: 88.8

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021	J	0.11	0.016	mg/Kg	☼	10/12/12 14:20	10/15/12 12:29	1

8

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-03/3-5

Date Collected: 10/10/12 11:50
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-5

Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**15**	**J**	19	5.9	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Benzene	**2.4**	**J**	4.7	0.22	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Bromodichloromethane	ND		4.7	0.26	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Bromoform	ND		4.7	0.31	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Bromomethane	ND		4.7	0.51	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
2-Butanone (MEK)	**5.5**	**J B**	19	1.3	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Carbon disulfide	**0.79**	**J**	4.7	0.42	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Carbon tetrachloride	ND		4.7	0.35	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Chlorobenzene	ND		4.7	0.31	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Chloroethane	ND		4.7	0.81	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Chloroform	ND		4.7	0.27	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Chloromethane	ND		4.7	0.39	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
cis-1,2-Dichloroethene	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
cis-1,3-Dichloropropene	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Dibromochloromethane	ND		4.7	0.52	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
1,1-Dichloroethane	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
1,2-Dichloroethane	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
1,1-Dichloroethene	ND		4.7	0.49	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
1,2-Dichloropropane	ND		4.7	0.65	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Ethylbenzene	**3.7**	**J**	4.7	0.25	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
2-Hexanone	ND		19	0.59	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Methylene chloride	ND		4.7	0.63	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
4-Methyl-2-pentanone (MIBK)	ND		19	0.51	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Styrene	**9.9**		4.7	0.14	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Tetrachloroethene	ND		4.7	0.49	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Toluene	**2.1**	**J**	4.7	0.25	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
trans-1,2-Dichloroethene	ND		4.7	0.39	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
trans-1,3-Dichloropropene	ND		4.7	0.51	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
1,1,1-Trichloroethane	ND		4.7	0.53	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
1,1,2-Trichloroethane	ND		4.7	0.37	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Trichloroethene	ND		4.7	0.40	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Vinyl chloride	ND		4.7	0.37	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Xylenes, Total	ND		9.4	0.63	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
Methyl tert-butyl ether	ND		19	0.41	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1
n-Hexane	**19**		4.7	1.1	ug/Kg	☼	10/11/12 19:00	10/20/12 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*52 - 136*	*10/11/12 19:00*	*10/20/12 07:44*	*1*
Dibromofluoromethane (Surr)	*73*		*37 - 132*	*10/11/12 19:00*	*10/20/12 07:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*58 - 123*	*10/11/12 19:00*	*10/20/12 07:44*	*1*
Toluene-d8 (Surr)	*80*		*67 - 125*	*10/11/12 19:00*	*10/20/12 07:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Acenaphthylene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Anthracene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Benzo[a]anthracene	**12**		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Benzo-a-pyrene	**18**		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Benzo[b]fluoranthene	**17**		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-03/3-5
Date Collected: 10/10/12 11:50
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-5
Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Benzo[k]fluoranthene	**6.7**	**J**	7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Bis(2-chloroethoxy)methane	ND		120	26	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Bis(2-chloroethyl)ether	ND		120	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Bis(2-ethylhexyl) phthalate	ND		60	23	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
4-Bromophenyl phenyl ether	ND		60	15	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Butyl benzyl phthalate	ND		60	12	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
4-Chloroaniline	ND		180	20	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
4-Chloro-3-methylphenol	ND		180	25	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2-Chloronaphthalene	ND		60	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2-Chlorophenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
4-Chlorophenyl phenyl ether	ND		60	15	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Chrysene	**15**		7.9	1.3	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Dibenz(a,h)anthracene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Dibenzofuran	**25**	**J**	60	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
1,2-Dichlorobenzene	ND		60	12	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
1,3-Dichlorobenzene	ND		60	13	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
1,4-Dichlorobenzene	ND		60	24	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
3,3'-Dichlorobenzidine	ND		120	21	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2,4-Dichlorophenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Diethyl phthalate	ND		60	19	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2,4-Dimethylphenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Dimethyl phthalate	ND		60	20	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Di-n-butyl phthalate	ND		60	18	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
4,6-Dinitro-2-methylphenol	ND		180	95	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2,4-Dinitrophenol	ND		390	95	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2,4-Dinitrotoluene	ND		240	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2,6-Dinitrotoluene	ND		240	25	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Di-n-octyl phthalate	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Fluoranthene	**19**		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Fluorene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Hexachlorobenzene	ND		7.9	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Hexachlorobutadiene	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Hexachlorocyclopentadiene	ND		390	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Hexachloroethane	ND		60	11	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Indeno[1,2,3-cd]pyrene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Isophorone	ND		60	15	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2-Methylnaphthalene	**120**		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2-Methylphenol	ND		240	95	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
3 & 4 Methylphenol	ND		480	24	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Naphthalene	**93**		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2-Nitroaniline	ND		240	11	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
3-Nitroaniline	ND		240	19	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Nitrobenzene	ND		120	2.6	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2-Nitrophenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
4-Nitrophenol	ND		390	95	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
N-Nitrosodi-n-propylamine	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
N-Nitrosodiphenylamine	ND		60	25	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2,2'-oxybis[1-chloropropane]	ND		120	11	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Pentachlorophenol	ND		180	95	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1

Client Sample ID: IA04/B-03/3-5

Lab Sample ID: 240-16213-5

Date Collected: 10/10/12 11:50
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	51		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Phenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
Pyrene	18		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
1,2,4-Trichlorobenzene	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2,4,5-Trichlorophenol	ND		180	30	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1
2,4,6-Trichlorophenol	ND		180	95	ug/Kg	☼	10/18/12 09:30	10/20/12 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*54*		*24 - 110*	*10/18/12 09:30*	*10/20/12 19:37*	*1*
2-Fluorophenol (Surr)	*54*		*24 - 110*	*10/18/12 09:30*	*10/20/12 19:37*	*1*
Nitrobenzene-d5 (Surr)	*50*		*20 - 110*	*10/18/12 09:30*	*10/20/12 19:37*	*1*
Phenol-d5 (Surr)	*54*		*26 - 110*	*10/18/12 09:30*	*10/20/12 19:37*	*1*
Terphenyl-d14 (Surr)	*68*		*36 - 110*	*10/18/12 09:30*	*10/20/12 19:37*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 110*	*10/18/12 09:30*	*10/20/12 19:37*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	5000		1200	550	ug/Kg	☼		10/15/12 18:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*109*		*10 - 150*		*10/15/12 18:44*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		20	11	mg/Kg	☼	10/18/12 09:36	10/21/12 23:35	1
Oil Range Organics (C20-C34)	40		20	11	mg/Kg	☼	10/18/12 09:36	10/21/12 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*43*		*10 - 110*	*10/18/12 09:36*	*10/21/12 23:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		40	25	ug/Kg	☼	10/18/12 09:42	10/22/12 09:08	1
Aroclor 1221	ND		40	19	ug/Kg	☼	10/18/12 09:42	10/22/12 09:08	1
Aroclor 1232	ND		40	17	ug/Kg	☼	10/18/12 09:42	10/22/12 09:08	1
Aroclor 1242	ND		40	16	ug/Kg	☼	10/18/12 09:42	10/22/12 09:08	1
Aroclor 1248	ND		40	21	ug/Kg	☼	10/18/12 09:42	10/22/12 09:08	1
Aroclor 1254	ND		40	21	ug/Kg	☼	10/18/12 09:42	10/22/12 09:08	1
Aroclor 1260	ND		40	21	ug/Kg	☼	10/18/12 09:42	10/22/12 09:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*40*		*29 - 151*	*10/18/12 09:42*	*10/22/12 09:08*	*1*
DCB Decachlorobiphenyl	*43*		*14 - 163*	*10/18/12 09:42*	*10/22/12 09:08*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130	B	22	0.078	mg/Kg	☼	10/12/12 10:17	10/15/12 13:17	1
Cadmium	0.21	J	0.22	0.040	mg/Kg	☼	10/12/12 10:17	10/15/12 13:17	1
Chromium	18		0.55	0.22	mg/Kg	☼	10/12/12 10:17	10/15/12 13:17	1
Silver	ND		0.55	0.11	mg/Kg	☼	10/12/12 10:17	10/15/12 13:17	1
Arsenic	9.6		1.1	0.33	mg/Kg	☼	10/12/12 10:17	10/15/12 13:17	1
Lead	16		0.33	0.21	mg/Kg	☼	10/12/12 10:17	10/15/12 13:17	1
Selenium	ND		0.55	0.50	mg/Kg	☼	10/12/12 10:17	10/15/12 13:17	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-03/3-5
Date Collected: 10/10/12 11:50
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-5
Matrix: Solid
Percent Solids: 83.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.018	mg/Kg	☼	10/12/12 14:20	10/15/12 12:31	1

8

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-06/2-4

Lab Sample ID: 240-16213-6

Date Collected: 10/10/12 12:10
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	7.5	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Benzene	ND		6.0	0.27	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Bromodichloromethane	ND		6.0	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Bromoform	ND		6.0	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Bromomethane	ND		6.0	0.64	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
2-Butanone (MEK)	ND		24	1.7	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Carbon disulfide	ND		6.0	0.52	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Carbon tetrachloride	ND		6.0	0.44	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Chlorobenzene	ND		6.0	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Chloroethane	ND		6.0	1.0	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Chloroform	ND		6.0	0.35	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Chloromethane	ND		6.0	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
cis-1,2-Dichloroethene	ND		6.0	0.43	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
cis-1,3-Dichloropropene	ND		6.0	0.41	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Dibromochloromethane	ND		6.0	0.66	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
1,1-Dichloroethane	ND		6.0	0.43	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
1,2-Dichloroethane	ND		6.0	0.41	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
1,1-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
1,2-Dichloropropane	ND		6.0	0.82	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Ethylbenzene	ND		6.0	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
2-Hexanone	ND		24	0.75	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Methylene chloride	ND		6.0	0.80	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
4-Methyl-2-pentanone (MIBK)	ND		24	0.64	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Styrene	ND		6.0	0.18	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.41	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Tetrachloroethene	ND		6.0	0.62	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Toluene	ND		6.0	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
trans-1,2-Dichloroethene	ND		6.0	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
trans-1,3-Dichloropropene	ND		6.0	0.64	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
1,1,1-Trichloroethane	ND		6.0	0.67	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
1,1,2-Trichloroethane	ND		6.0	0.46	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Trichloroethene	ND		6.0	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Vinyl chloride	ND		6.0	0.46	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Xylenes, Total	ND		12	0.80	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
Methyl tert-butyl ether	ND		24	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1
n-Hexane	ND		6.0	1.4	ug/Kg	☼	10/11/12 19:00	10/23/12 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*52 - 136*	*10/11/12 19:00*	*10/23/12 04:10*	*1*
Dibromofluoromethane (Surr)	*79*		*37 - 132*	*10/11/12 19:00*	*10/23/12 04:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*58 - 123*	*10/11/12 19:00*	*10/23/12 04:10*	*1*
Toluene-d8 (Surr)	*92*		*67 - 125*	*10/11/12 19:00*	*10/23/12 04:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Acenaphthylene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Anthracene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Benzo[a]anthracene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Benzo-a-pyrene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Benzo[b]fluoranthene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1

Client Sample ID: IA04/B-06/2-4 — **Lab Sample ID: 240-16213-6**

Date Collected: 10/10/12 12:10 — **Matrix: Solid**

Date Received: 10/11/12 07:15 — **Percent Solids: 84.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Benzo[k]fluoranthene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Bis(2-chloroethoxy)methane	ND		120	26	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Bis(2-chloroethyl)ether	ND		120	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Bis(2-ethylhexyl) phthalate	ND		59	23	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
4-Bromophenyl phenyl ether	ND		59	15	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Butyl benzyl phthalate	ND		59	12	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
4-Chloroaniline	ND		180	20	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
4-Chloro-3-methylphenol	ND		180	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2-Chloronaphthalene	ND		59	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2-Chlorophenol	ND		59	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
4-Chlorophenyl phenyl ether	ND		59	15	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Chrysene	ND		7.9	1.3	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Dibenz(a,h)anthracene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Dibenzofuran	ND		59	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
1,2-Dichlorobenzene	ND		59	12	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
1,3-Dichlorobenzene	ND		59	13	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
1,4-Dichlorobenzene	ND		59	24	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
3,3'-Dichlorobenzidine	ND		120	21	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2,4-Dichlorophenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Diethyl phthalate	ND		59	19	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2,4-Dimethylphenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Dimethyl phthalate	ND		59	20	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Di-n-butyl phthalate	ND		59	18	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
4,6-Dinitro-2-methylphenol	ND		180	95	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2,4-Dinitrophenol	ND		390	95	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2,4-Dinitrotoluene	ND		240	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2,6-Dinitrotoluene	ND		240	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Di-n-octyl phthalate	ND		59	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Fluoranthene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Fluorene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Hexachlorobenzene	ND		7.9	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Hexachlorobutadiene	ND		59	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Hexachlorocyclopentadiene	ND		390	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Hexachloroethane	ND		59	11	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Indeno[1,2,3-cd]pyrene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Isophorone	ND		59	15	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2-Methylnaphthalene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2-Methylphenol	ND		240	95	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
3 & 4 Methylphenol	ND		480	24	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Naphthalene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2-Nitroaniline	ND		240	11	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
3-Nitroaniline	ND		240	19	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Nitrobenzene	ND		120	2.6	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2-Nitrophenol	ND		59	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
4-Nitrophenol	ND		390	95	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
N-Nitrosodi-n-propylamine	ND		59	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
N-Nitrosodiphenylamine	ND		59	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2,2'-oxybis[1-chloropropane]	ND		120	11	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Pentachlorophenol	ND		180	95	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-06/2-4

Lab Sample ID: 240-16213-6

Date Collected: 10/10/12 12:10
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Phenol	ND		59	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
Pyrene	ND		7.9	3.9	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
1,2,4-Trichlorobenzene	ND		59	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2,4,5-Trichlorophenol	ND		180	30	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1
2,4,6-Trichlorophenol	ND		180	95	ug/Kg	☼	10/18/12 09:30	10/20/12 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*56*		*24 - 110*	*10/18/12 09:30*	*10/20/12 20:00*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 110*	*10/18/12 09:30*	*10/20/12 20:00*	*1*
Nitrobenzene-d5 (Surr)	*51*		*20 - 110*	*10/18/12 09:30*	*10/20/12 20:00*	*1*
Phenol-d5 (Surr)	*54*		*26 - 110*	*10/18/12 09:30*	*10/20/12 20:00*	*1*
Terphenyl-d14 (Surr)	*71*		*36 - 110*	*10/18/12 09:30*	*10/20/12 20:00*	*1*
2,4,6-Tribromophenol (Surr)	*36*		*10 - 110*	*10/18/12 09:30*	*10/20/12 20:00*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		120	54	ug/Kg	☼		10/15/12 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*70*		*10 - 150*		*10/15/12 19:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		20	11	mg/Kg	☼	10/18/12 09:36	10/22/12 00:05	1
Oil Range Organics (C20-C34)	ND		20	11	mg/Kg	☼	10/18/12 09:36	10/22/12 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*35*		*10 - 110*	*10/18/12 09:36*	*10/22/12 00:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		39	25	ug/Kg	☼	10/18/12 09:42	10/22/12 09:21	1
Aroclor 1221	ND		39	19	ug/Kg	☼	10/18/12 09:42	10/22/12 09:21	1
Aroclor 1232	ND		39	17	ug/Kg	☼	10/18/12 09:42	10/22/12 09:21	1
Aroclor 1242	ND		39	16	ug/Kg	☼	10/18/12 09:42	10/22/12 09:21	1
Aroclor 1248	ND		39	20	ug/Kg	☼	10/18/12 09:42	10/22/12 09:21	1
Aroclor 1254	ND		39	20	ug/Kg	☼	10/18/12 09:42	10/22/12 09:21	1
Aroclor 1260	ND		39	20	ug/Kg	☼	10/18/12 09:42	10/22/12 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*47*		*29 - 151*	*10/18/12 09:42*	*10/22/12 09:21*	*1*
DCB Decachlorobiphenyl	*42*		*14 - 163*	*10/18/12 09:42*	*10/22/12 09:21*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**56**	B	21	0.074	mg/Kg	☼	10/12/12 11:36	10/15/12 20:24	1
Cadmium	**0.098**	J	0.21	0.037	mg/Kg	☼	10/12/12 11:36	10/15/12 20:24	1
Chromium	**18**		0.52	0.21	mg/Kg	☼	10/12/12 11:36	10/15/12 20:24	1
Silver	ND		0.52	0.10	mg/Kg	☼	10/12/12 11:36	10/15/12 20:24	1
Arsenic	**29**		1.0	0.31	mg/Kg	☼	10/12/12 11:36	10/15/12 20:24	1
Lead	**28**		0.31	0.20	mg/Kg	☼	10/12/12 11:36	10/15/12 20:24	1
Selenium	**1.3**		0.52	0.47	mg/Kg	☼	10/12/12 11:36	10/17/12 06:26	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-06/2-4
Date Collected: 10/10/12 12:10
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-6
Matrix: Solid
Percent Solids: 84.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026	J	0.13	0.020	mg/Kg	☼	10/12/12 14:20	10/15/12 13:16	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-04/3-5

Date Collected: 10/10/12 12:25
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-7
Matrix: Solid
Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19	5.9	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Benzene	ND		4.7	0.21	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Bromodichloromethane	ND		4.7	0.26	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Bromoform	ND		4.7	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Bromomethane	ND		4.7	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
2-Butanone (MEK)	ND		19	1.3	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Carbon disulfide	ND		4.7	0.41	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Carbon tetrachloride	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Chlorobenzene	ND		4.7	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Chloroethane	ND		4.7	0.80	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Chloroform	ND		4.7	0.27	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Chloromethane	ND		4.7	0.38	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
cis-1,2-Dichloroethene	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
cis-1,3-Dichloropropene	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Dibromochloromethane	ND		4.7	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
1,1-Dichloroethane	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
1,2-Dichloroethane	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
1,1-Dichloroethene	ND		4.7	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
1,2-Dichloropropane	ND		4.7	0.64	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Ethylbenzene	ND		4.7	0.24	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
2-Hexanone	ND		19	0.59	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Methylene chloride	ND		4.7	0.62	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
4-Methyl-2-pentanone (MIBK)	ND		19	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Styrene	ND		4.7	0.14	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Tetrachloroethene	**0.72**	J	4.7	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Toluene	ND		4.7	0.25	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
trans-1,2-Dichloroethene	ND		4.7	0.38	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
trans-1,3-Dichloropropene	ND		4.7	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
1,1,1-Trichloroethane	ND		4.7	0.52	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
1,1,2-Trichloroethane	ND		4.7	0.36	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Trichloroethene	ND		4.7	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Vinyl chloride	ND		4.7	0.36	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Xylenes, Total	ND		9.3	0.62	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
Methyl tert-butyl ether	ND		19	0.40	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1
n-Hexane	ND		4.7	1.1	ug/Kg	☼	10/11/12 19:00	10/23/12 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*52 - 136*	*10/11/12 19:00*	*10/23/12 04:31*	*1*
Dibromofluoromethane (Surr)	*79*		*37 - 132*	*10/11/12 19:00*	*10/23/12 04:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*58 - 123*	*10/11/12 19:00*	*10/23/12 04:31*	*1*
Toluene-d8 (Surr)	*93*		*67 - 125*	*10/11/12 19:00*	*10/23/12 04:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Acenaphthylene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Benzo[a]anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Benzo-a-pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Benzo[b]fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1

Client Sample ID: IA04/B-04/3-5
Date Collected: 10/10/12 12:25
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-7
Matrix: Solid
Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Benzo[k]fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Bis(2-chloroethoxy)methane	ND		120	26	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Bis(2-chloroethyl)ether	ND		120	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Bis(2-ethylhexyl) phthalate	ND		60	23	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
4-Bromophenyl phenyl ether	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Butyl benzyl phthalate	ND		60	12	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
4-Chloroaniline	ND		180	20	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
4-Chloro-3-methylphenol	ND		180	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2-Chloronaphthalene	ND		60	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2-Chlorophenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
4-Chlorophenyl phenyl ether	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Chrysene	ND		8.0	1.3	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Dibenz(a,h)anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Dibenzofuran	ND		60	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
1,2-Dichlorobenzene	ND		60	12	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
1,3-Dichlorobenzene	ND		60	13	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
1,4-Dichlorobenzene	ND		60	24	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
3,3'-Dichlorobenzidine	ND		120	22	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2,4-Dichlorophenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Diethyl phthalate	ND		60	19	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2,4-Dimethylphenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Dimethyl phthalate	ND		60	20	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Di-n-butyl phthalate	ND		60	18	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
4,6-Dinitro-2-methylphenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2,4-Dinitrophenol	ND		400	96	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2,4-Dinitrotoluene	ND		240	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2,6-Dinitrotoluene	ND		240	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Di-n-octyl phthalate	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Fluorene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Hexachlorobenzene	ND		8.0	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Hexachlorobutadiene	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Hexachlorocyclopentadiene	ND		400	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Hexachloroethane	ND		60	11	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Indeno[1,2,3-cd]pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Isophorone	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2-Methylnaphthalene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2-Methylphenol	ND		240	96	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
3 & 4 Methylphenol	ND		480	24	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Naphthalene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2-Nitroaniline	ND		240	11	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
3-Nitroaniline	ND		240	19	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Nitrobenzene	ND		120	2.6	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2-Nitrophenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
4-Nitrophenol	ND		400	96	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
N-Nitrosodi-n-propylamine	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
N-Nitrosodiphenylamine	ND		60	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2,2'-oxybis[1-chloropropane]	ND		120	11	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Pentachlorophenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-04/3-5

Lab Sample ID: 240-16213-7

Date Collected: 10/10/12 12:25
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Phenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
Pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
1,2,4-Trichlorobenzene	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2,4,5-Trichlorophenol	ND		180	30	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1
2,4,6-Trichlorophenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*53*		*24 - 110*	*10/18/12 09:30*	*10/20/12 20:23*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 110*	*10/18/12 09:30*	*10/20/12 20:23*	*1*
Nitrobenzene-d5 (Surr)	*48*		*20 - 110*	*10/18/12 09:30*	*10/20/12 20:23*	*1*
Phenol-d5 (Surr)	*53*		*26 - 110*	*10/18/12 09:30*	*10/20/12 20:23*	*1*
Terphenyl-d14 (Surr)	*68*		*36 - 110*	*10/18/12 09:30*	*10/20/12 20:23*	*1*
2,4,6-Tribromophenol (Surr)	*41*		*10 - 110*	*10/18/12 09:30*	*10/20/12 20:23*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		120	55	ug/Kg	☼		10/15/12 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*85*		*10 - 150*		*10/15/12 20:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		20	11	mg/Kg	☼	10/18/12 09:36	10/22/12 00:36	1
Oil Range Organics (C20-C34)	ND		20	11	mg/Kg	☼	10/18/12 09:36	10/22/12 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*43*		*10 - 110*	*10/18/12 09:36*	*10/22/12 00:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		40	25	ug/Kg	☼	10/18/12 09:42	10/22/12 09:34	1
Aroclor 1221	ND		40	19	ug/Kg	☼	10/18/12 09:42	10/22/12 09:34	1
Aroclor 1232	ND		40	17	ug/Kg	☼	10/18/12 09:42	10/22/12 09:34	1
Aroclor 1242	ND		40	16	ug/Kg	☼	10/18/12 09:42	10/22/12 09:34	1
Aroclor 1248	ND		40	20	ug/Kg	☼	10/18/12 09:42	10/22/12 09:34	1
Aroclor 1254	ND		40	20	ug/Kg	☼	10/18/12 09:42	10/22/12 09:34	1
Aroclor 1260	ND		40	20	ug/Kg	☼	10/18/12 09:42	10/22/12 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*38*		*29 - 151*	*10/18/12 09:42*	*10/22/12 09:34*	*1*
DCB Decachlorobiphenyl	*40*		*14 - 163*	*10/18/12 09:42*	*10/22/12 09:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	59	B	22	0.079	mg/Kg	☼	10/12/12 11:36	10/15/12 20:41	1
Cadmium	0.11	J	0.22	0.040	mg/Kg	☼	10/12/12 11:36	10/15/12 20:41	1
Chromium	17		0.56	0.22	mg/Kg	☼	10/12/12 11:36	10/15/12 20:41	1
Silver	ND		0.56	0.11	mg/Kg	☼	10/12/12 11:36	10/15/12 20:41	1
Arsenic	16		1.1	0.34	mg/Kg	☼	10/12/12 11:36	10/15/12 20:41	1
Lead	15		0.34	0.21	mg/Kg	☼	10/12/12 11:36	10/15/12 20:41	1
Selenium	ND		0.56	0.50	mg/Kg	☼	10/12/12 11:36	10/16/12 15:52	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-04/3-5
Date Collected: 10/10/12 12:25
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-7
Matrix: Solid
Percent Solids: 84.3

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.018	mg/Kg	☼	10/12/12 14:20	10/15/12 13:18	1

8

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-04/2-4

Lab Sample ID: 240-16213-8

Date Collected: 10/10/12 12:45
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*	21	6.5	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Benzene	ND		5.2	0.24	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Bromodichloromethane	ND		5.2	0.29	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Bromoform	ND		5.2	0.34	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Bromomethane	ND		5.2	0.56	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
2-Butanone (MEK)	ND		21	1.5	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Carbon disulfide	ND		5.2	0.46	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Carbon tetrachloride	ND		5.2	0.38	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Chlorobenzene	ND		5.2	0.34	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Chloroethane	ND		5.2	0.89	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Chloroform	ND		5.2	0.30	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Chloromethane	ND		5.2	0.43	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
cis-1,2-Dichloroethene	ND		5.2	0.37	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
cis-1,3-Dichloropropene	ND		5.2	0.35	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Dibromochloromethane	ND		5.2	0.57	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
1,1-Dichloroethane	ND		5.2	0.37	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
1,2-Dichloroethane	ND		5.2	0.35	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
1,1-Dichloroethene	ND		5.2	0.54	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
1,2-Dichloropropane	ND		5.2	0.72	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Ethylbenzene	ND		5.2	0.27	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
2-Hexanone	ND		21	0.65	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Methylene chloride	ND		5.2	0.70	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
4-Methyl-2-pentanone (MIBK)	ND		21	0.56	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Styrene	ND		5.2	0.16	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
1,1,2,2-Tetrachloroethane	ND		5.2	0.35	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Tetrachloroethene	ND		5.2	0.54	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Toluene	ND		5.2	0.28	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
trans-1,2-Dichloroethene	ND		5.2	0.43	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
trans-1,3-Dichloropropene	ND		5.2	0.56	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
1,1,1-Trichloroethane	ND		5.2	0.58	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
1,1,2-Trichloroethane	ND		5.2	0.40	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Trichloroethene	ND		5.2	0.44	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Vinyl chloride	ND		5.2	0.40	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Xylenes, Total	ND		10	0.70	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
Methyl tert-butyl ether	ND		21	0.45	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1
n-Hexane	ND		5.2	1.2	ug/Kg	☼	10/11/12 19:00	10/24/12 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*52 - 136*	*10/11/12 19:00*	*10/24/12 01:58*	*1*
Dibromofluoromethane (Surr)	*74*		*37 - 132*	*10/11/12 19:00*	*10/24/12 01:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*58 - 123*	*10/11/12 19:00*	*10/24/12 01:58*	*1*
Toluene-d8 (Surr)	*83*		*67 - 125*	*10/11/12 19:00*	*10/24/12 01:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Acenaphthylene	ND		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Anthracene	ND		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Benzo[a]anthracene	**13**		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Benzo-a-pyrene	**19**		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Benzo[b]fluoranthene	**22**		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1

Client Sample ID: IA05/B-04/2-4
Date Collected: 10/10/12 12:45
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-8
Matrix: Solid
Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	**4.7**	J	8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Benzo[k]fluoranthene	ND		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Bis(2-chloroethoxy)methane	ND		120	27	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Bis(2-chloroethyl)ether	ND		120	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Bis(2-ethylhexyl) phthalate	ND		62	23	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
4-Bromophenyl phenyl ether	ND		62	16	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Butyl benzyl phthalate	ND		62	12	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
4-Chloro-3-methylphenol	ND		190	26	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2-Chloronaphthalene	ND		62	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2-Chlorophenol	ND		62	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
4-Chlorophenyl phenyl ether	ND		62	16	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Chrysene	**13**		8.2	1.4	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Dibenz(a,h)anthracene	ND		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Dibenzofuran	**33**	J	62	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
1,2-Dichlorobenzene	ND		62	12	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
1,3-Dichlorobenzene	ND		62	14	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
1,4-Dichlorobenzene	ND		62	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
3,3'-Dichlorobenzidine	ND		120	22	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2,4-Dichlorophenol	ND		190	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Diethyl phthalate	ND		62	20	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2,4-Dimethylphenol	ND		190	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Dimethyl phthalate	ND		62	21	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Di-n-butyl phthalate	ND		62	19	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
4,6-Dinitro-2-methylphenol	ND		190	99	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2,4-Dinitrophenol	ND		410	99	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2,4-Dinitrotoluene	ND		250	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2,6-Dinitrotoluene	ND		250	26	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Di-n-octyl phthalate	ND		62	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Fluoranthene	**21**		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Fluorene	**4.6**	J	8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Hexachlorobenzene	ND		8.2	2.6	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Hexachlorobutadiene	ND		62	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Hexachlorocyclopentadiene	ND		410	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Hexachloroethane	ND		62	11	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Indeno[1,2,3-cd]pyrene	**13**		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Isophorone	ND		62	16	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2-Methylnaphthalene	**130**		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2-Methylphenol	ND		250	99	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
3 & 4 Methylphenol	ND		490	25	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Naphthalene	**94**		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2-Nitroaniline	ND		250	11	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
3-Nitroaniline	ND		250	20	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
4-Nitroaniline	ND		250	32	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Nitrobenzene	ND		120	2.7	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2-Nitrophenol	ND		62	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
4-Nitrophenol	ND		410	99	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
N-Nitrosodi-n-propylamine	ND		62	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
N-Nitrosodiphenylamine	ND		62	26	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2,2'-oxybis[1-chloropropane]	ND		120	12	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Pentachlorophenol	ND		190	99	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-04/2-4

Date Collected: 10/10/12 12:45
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-8

Matrix: Solid
Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	68		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Phenol	ND		62	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
Pyrene	19		8.2	4.1	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
1,2,4-Trichlorobenzene	ND		62	33	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2,4,5-Trichlorophenol	ND		190	31	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1
2,4,6-Trichlorophenol	ND		190	99	ug/Kg	☼	10/18/12 09:30	10/20/12 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*59*		*24 - 110*	*10/18/12 09:30*	*10/20/12 20:46*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 110*	*10/18/12 09:30*	*10/20/12 20:46*	*1*
Nitrobenzene-d5 (Surr)	*54*		*20 - 110*	*10/18/12 09:30*	*10/20/12 20:46*	*1*
Phenol-d5 (Surr)	*59*		*26 - 110*	*10/18/12 09:30*	*10/20/12 20:46*	*1*
Terphenyl-d14 (Surr)	*75*		*36 - 110*	*10/18/12 09:30*	*10/20/12 20:46*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 110*	*10/18/12 09:30*	*10/20/12 20:46*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		120	57	ug/Kg	☼		10/15/12 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*82*		*10 - 150*		*10/15/12 21:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		21	12	mg/Kg	☼	10/18/12 09:36	10/22/12 01:07	1
Oil Range Organics (C20-C34)	26		21	12	mg/Kg	☼	10/18/12 09:36	10/22/12 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*46*		*10 - 110*	*10/18/12 09:36*	*10/22/12 01:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		41	26	ug/Kg	☼	10/18/12 09:42	10/22/12 09:48	1
Aroclor 1221	ND		41	20	ug/Kg	☼	10/18/12 09:42	10/22/12 09:48	1
Aroclor 1232	ND		41	17	ug/Kg	☼	10/18/12 09:42	10/22/12 09:48	1
Aroclor 1242	ND		41	16	ug/Kg	☼	10/18/12 09:42	10/22/12 09:48	1
Aroclor 1248	ND		41	21	ug/Kg	☼	10/18/12 09:42	10/22/12 09:48	1
Aroclor 1254	ND		41	21	ug/Kg	☼	10/18/12 09:42	10/22/12 09:48	1
Aroclor 1260	ND		41	21	ug/Kg	☼	10/18/12 09:42	10/22/12 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*29 - 151*	*10/18/12 09:42*	*10/22/12 09:48*	*1*
DCB Decachlorobiphenyl	*64*		*14 - 163*	*10/18/12 09:42*	*10/22/12 09:48*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	180	B	21	0.076	mg/Kg	☼	10/12/12 11:36	10/15/12 20:46	1
Cadmium	0.060	J	0.21	0.038	mg/Kg	☼	10/12/12 11:36	10/15/12 20:46	1
Chromium	11		0.53	0.21	mg/Kg	☼	10/12/12 11:36	10/15/12 20:46	1
Silver	ND		0.53	0.11	mg/Kg	☼	10/12/12 11:36	10/15/12 20:46	1
Arsenic	7.6		1.1	0.32	mg/Kg	☼	10/12/12 11:36	10/15/12 20:46	1
Lead	14		0.32	0.20	mg/Kg	☼	10/12/12 11:36	10/15/12 20:46	1
Selenium	0.96		0.53	0.48	mg/Kg	☼	10/12/12 11:36	10/17/12 05:19	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-04/2-4
Date Collected: 10/10/12 12:45
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-8
Matrix: Solid
Percent Solids: 80.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J	0.13	0.019	mg/Kg	☼	10/12/12 14:20	10/15/12 13:20	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-01/2-4

Lab Sample ID: 240-16213-9

Date Collected: 10/10/12 14:15
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.2	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Benzene	ND		4.9	0.23	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Bromodichloromethane	ND		4.9	0.27	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Bromoform	ND		4.9	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Bromomethane	ND		4.9	0.53	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Carbon disulfide	ND		4.9	0.43	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Carbon tetrachloride	ND		4.9	0.36	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Chlorobenzene	ND		4.9	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Chloroethane	ND		4.9	0.84	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Chloroform	ND		4.9	0.28	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Chloromethane	ND		4.9	0.40	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
cis-1,2-Dichloroethene	ND		4.9	0.35	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
cis-1,3-Dichloropropene	ND		4.9	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Dibromochloromethane	ND		4.9	0.54	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
1,1-Dichloroethane	ND		4.9	0.35	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
1,2-Dichloroethane	ND		4.9	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
1,1-Dichloroethene	ND		4.9	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
1,2-Dichloropropane	ND		4.9	0.68	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Ethylbenzene	ND		4.9	0.26	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
2-Hexanone	ND		20	0.62	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Methylene chloride	ND		4.9	0.66	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.53	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Styrene	ND		4.9	0.15	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
1,1,2,2-Tetrachloroethane	ND		4.9	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Tetrachloroethene	ND		4.9	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Toluene	ND		4.9	0.26	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
trans-1,2-Dichloroethene	ND		4.9	0.40	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
trans-1,3-Dichloropropene	ND		4.9	0.53	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
1,1,1-Trichloroethane	ND		4.9	0.55	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
1,1,2-Trichloroethane	ND		4.9	0.38	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Trichloroethene	ND		4.9	0.41	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Vinyl chloride	ND		4.9	0.38	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Xylenes, Total	ND		9.8	0.66	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
Methyl tert-butyl ether	ND		20	0.42	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1
n-Hexane	ND		4.9	1.2	ug/Kg	☼	10/11/12 19:00	10/23/12 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*52 - 136*	*10/11/12 19:00*	*10/23/12 04:53*	*1*
Dibromofluoromethane (Surr)	*82*		*37 - 132*	*10/11/12 19:00*	*10/23/12 04:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*58 - 123*	*10/11/12 19:00*	*10/23/12 04:53*	*1*
Toluene-d8 (Surr)	*91*		*67 - 125*	*10/11/12 19:00*	*10/23/12 04:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Acenaphthylene	ND		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Anthracene	**40**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Benzo[a]anthracene	**98**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Benzo-a-pyrene	**110**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Benzo[b]fluoranthene	**110**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4

Client Sample ID: IA05/B-01/2-4
Date Collected: 10/10/12 14:15
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-9
Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	**47**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Benzo[k]fluoranthene	**35**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Bis(2-chloroethoxy)methane	ND		450	99	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Bis(2-chloroethyl)ether	ND		450	9.0	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Bis(2-ethylhexyl) phthalate	ND		220	85	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
4-Bromophenyl phenyl ether	ND		220	58	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Butyl benzyl phthalate	ND		220	45	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
4-Chloroaniline	ND		670	76	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
4-Chloro-3-methylphenol	ND		670	94	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2-Chloronaphthalene	ND		220	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2-Chlorophenol	ND		220	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
4-Chlorophenyl phenyl ether	ND		220	58	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Chrysene	**150**		30	4.9	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Dibenz(a,h)anthracene	ND		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Dibenzofuran	**310**		220	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
1,2-Dichlorobenzene	ND		220	44	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
1,3-Dichlorobenzene	ND		220	49	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
1,4-Dichlorobenzene	ND		220	90	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
3,3'-Dichlorobenzidine	ND		450	81	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2,4-Dichlorophenol	ND		670	90	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Diethyl phthalate	ND		220	72	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2,4-Dimethylphenol	ND		670	90	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Dimethyl phthalate	ND		220	76	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Di-n-butyl phthalate	ND		220	67	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
4,6-Dinitro-2-methylphenol	ND		670	360	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2,4-Dinitrophenol	ND		1500	360	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2,4-Dinitrotoluene	ND		900	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2,6-Dinitrotoluene	ND		900	94	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Di-n-octyl phthalate	ND		220	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Fluoranthene	**120**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Fluorene	**34**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Hexachlorobenzene	ND		30	9.4	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Hexachlorobutadiene	ND		220	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Hexachlorocyclopentadiene	ND		1500	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Hexachloroethane	ND		220	40	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Indeno[1,2,3-cd]pyrene	**55**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Isophorone	ND		220	58	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2-Methylnaphthalene	**1700**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2-Methylphenol	ND		900	360	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
3 & 4 Methylphenol	ND		1800	90	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Naphthalene	**1300**		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2-Nitroaniline	ND		900	41	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
3-Nitroaniline	ND		900	72	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
4-Nitroaniline	ND		900	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Nitrobenzene	ND		450	9.9	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2-Nitrophenol	ND		220	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
4-Nitrophenol	ND		1500	360	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
N-Nitrosodi-n-propylamine	ND		220	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
N-Nitrosodiphenylamine	ND		220	94	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2,2'-oxybis[1-chloropropane]	ND		450	43	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Pentachlorophenol	ND		670	360	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-01/2-4

Date Collected: 10/10/12 14:15
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-9

Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	550		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Phenol	ND		220	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
Pyrene	170		30	15	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
1,2,4-Trichlorobenzene	ND		220	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2,4,5-Trichlorophenol	ND		670	110	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4
2,4,6-Trichlorophenol	ND		670	360	ug/Kg	☼	10/18/12 09:30	10/20/12 17:26	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*64*		*24 - 110*	*10/18/12 09:30*	*10/20/12 17:26*	*4*
2-Fluorophenol (Surr)	*54*		*24 - 110*	*10/18/12 09:30*	*10/20/12 17:26*	*4*
Nitrobenzene-d5 (Surr)	*53*		*20 - 110*	*10/18/12 09:30*	*10/20/12 17:26*	*4*
Phenol-d5 (Surr)	*57*		*26 - 110*	*10/18/12 09:30*	*10/20/12 17:26*	*4*
Terphenyl-d14 (Surr)	*75*		*36 - 110*	*10/18/12 09:30*	*10/20/12 17:26*	*4*
2,4,6-Tribromophenol (Surr)	*53*		*10 - 110*	*10/18/12 09:30*	*10/20/12 17:26*	*4*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		110	51	ug/Kg	☼		10/15/12 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*79*		*10 - 150*		*10/15/12 21:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	26		19	10	mg/Kg	☼	10/18/12 09:36	10/22/12 01:38	1
Oil Range Organics (C20-C34)	290		19	10	mg/Kg	☼	10/18/12 09:36	10/22/12 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*43*		*10 - 110*	*10/18/12 09:36*	*10/22/12 01:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		37	23	ug/Kg	☼	10/18/12 09:42	10/22/12 10:01	1
Aroclor 1221	ND		37	18	ug/Kg	☼	10/18/12 09:42	10/22/12 10:01	1
Aroclor 1232	ND		37	16	ug/Kg	☼	10/18/12 09:42	10/22/12 10:01	1
Aroclor 1242	ND		37	14	ug/Kg	☼	10/18/12 09:42	10/22/12 10:01	1
Aroclor 1248	ND		37	19	ug/Kg	☼	10/18/12 09:42	10/22/12 10:01	1
Aroclor 1254	ND		37	19	ug/Kg	☼	10/18/12 09:42	10/22/12 10:01	1
Aroclor 1260	ND		37	19	ug/Kg	☼	10/18/12 09:42	10/22/12 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*29 - 151*	*10/18/12 09:42*	*10/22/12 10:01*	*1*
DCB Decachlorobiphenyl	*61*		*14 - 163*	*10/18/12 09:42*	*10/22/12 10:01*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	370	B	21	0.075	mg/Kg	☼	10/12/12 11:36	10/15/12 20:52	1
Cadmium	0.42		0.21	0.038	mg/Kg	☼	10/12/12 11:36	10/15/12 20:52	1
Chromium	65		0.53	0.21	mg/Kg	☼	10/12/12 11:36	10/15/12 20:52	1
Silver	ND		0.53	0.11	mg/Kg	☼	10/12/12 11:36	10/15/12 20:52	1
Arsenic	36		1.1	0.32	mg/Kg	☼	10/12/12 11:36	10/15/12 20:52	1
Lead	38		0.32	0.20	mg/Kg	☼	10/12/12 11:36	10/15/12 20:52	1
Selenium	6.0		0.53	0.48	mg/Kg	☼	10/12/12 11:36	10/17/12 06:32	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-01/2-4
Date Collected: 10/10/12 14:15
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-9
Matrix: Solid
Percent Solids: 89.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.097	J	0.11	0.017	mg/Kg	☼	10/12/12 14:20	10/15/12 13:22	1

8

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-01/10-12
Date Collected: 10/10/12 14:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-10
Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		18	5.7	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Benzene	ND		4.5	0.21	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Bromodichloromethane	ND		4.5	0.25	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Bromoform	ND		4.5	0.30	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Bromomethane	ND		4.5	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
2-Butanone (MEK)	ND		18	1.3	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Carbon disulfide	ND		4.5	0.40	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Carbon tetrachloride	ND		4.5	0.34	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Chlorobenzene	ND		4.5	0.30	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Chloroethane	ND		4.5	0.78	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Chloroform	ND		4.5	0.26	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Chloromethane	ND		4.5	0.37	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
cis-1,2-Dichloroethene	ND		4.5	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
cis-1,3-Dichloropropene	ND		4.5	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Dibromochloromethane	ND		4.5	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
1,1-Dichloroethane	ND		4.5	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
1,2-Dichloroethane	ND		4.5	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
1,1-Dichloroethene	ND		4.5	0.47	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
1,2-Dichloropropane	ND		4.5	0.63	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Ethylbenzene	ND		4.5	0.24	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
2-Hexanone	ND		18	0.57	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Methylene chloride	ND		4.5	0.61	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
4-Methyl-2-pentanone (MIBK)	ND		18	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Styrene	ND		4.5	0.14	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
1,1,2,2-Tetrachloroethane	ND		4.5	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Tetrachloroethene	ND		4.5	0.47	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Toluene	ND		4.5	0.24	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
trans-1,2-Dichloroethene	ND		4.5	0.37	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
trans-1,3-Dichloropropene	ND		4.5	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
1,1,1-Trichloroethane	ND		4.5	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
1,1,2-Trichloroethane	ND		4.5	0.35	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Trichloroethene	ND		4.5	0.38	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Vinyl chloride	ND		4.5	0.35	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Xylenes, Total	ND		9.1	0.61	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
Methyl tert-butyl ether	ND		18	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1
n-Hexane	ND		4.5	1.1	ug/Kg	☼	10/11/12 19:00	10/23/12 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*52 - 136*	*10/11/12 19:00*	*10/23/12 05:14*	*1*
Dibromofluoromethane (Surr)	*80*		*37 - 132*	*10/11/12 19:00*	*10/23/12 05:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*58 - 123*	*10/11/12 19:00*	*10/23/12 05:14*	*1*
Toluene-d8 (Surr)	*91*		*67 - 125*	*10/11/12 19:00*	*10/23/12 05:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Acenaphthylene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Anthracene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Benzo[a]anthracene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Benzo-a-pyrene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Benzo[b]fluoranthene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1

Client Sample ID: IA05/B-01/10-12
Date Collected: 10/10/12 14:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-10
Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Benzo[k]fluoranthene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Bis(2-chloroethoxy)methane	ND		110	25	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Bis(2-chloroethyl)ether	ND		110	2.3	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Bis(2-ethylhexyl) phthalate	ND		57	22	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
4-Bromophenyl phenyl ether	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Butyl benzyl phthalate	ND		57	11	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2-Chloronaphthalene	ND		57	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2-Chlorophenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
4-Chlorophenyl phenyl ether	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Chrysene	ND		7.6	1.3	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Dibenz(a,h)anthracene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Dibenzofuran	ND		57	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
1,2-Dichlorobenzene	ND		57	11	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
1,3-Dichlorobenzene	ND		57	13	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
1,4-Dichlorobenzene	ND		57	23	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
3,3'-Dichlorobenzidine	ND		110	21	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2,4-Dichlorophenol	ND		170	23	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Diethyl phthalate	ND		57	18	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2,4-Dimethylphenol	ND		170	23	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Dimethyl phthalate	ND		57	19	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Di-n-butyl phthalate	ND		57	17	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
4,6-Dinitro-2-methylphenol	ND		170	92	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2,4-Dinitrophenol	ND		380	92	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2,4-Dinitrotoluene	ND		230	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2,6-Dinitrotoluene	ND		230	24	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Di-n-octyl phthalate	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Fluoranthene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Fluorene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Hexachlorobenzene	ND		7.6	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Hexachlorobutadiene	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Hexachlorocyclopentadiene	ND		380	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Hexachloroethane	ND		57	10	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Indeno[1,2,3-cd]pyrene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Isophorone	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2-Methylnaphthalene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2-Methylphenol	ND		230	92	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
3 & 4 Methylphenol	ND		460	23	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Naphthalene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2-Nitroaniline	ND		230	10	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
3-Nitroaniline	ND		230	18	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Nitrobenzene	ND		110	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2-Nitrophenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
4-Nitrophenol	ND		380	92	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
N-Nitrosodi-n-propylamine	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
N-Nitrosodiphenylamine	ND		57	24	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2,2'-oxybis[1-chloropropane]	ND		110	11	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Pentachlorophenol	ND		170	92	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-01/10-12

Date Collected: 10/10/12 14:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-10

Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Phenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
Pyrene	ND		7.6	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
1,2,4-Trichlorobenzene	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2,4,5-Trichlorophenol	ND		170	29	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1
2,4,6-Trichlorophenol	ND		170	92	ug/Kg	☼	10/18/12 09:30	10/20/12 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*62*		*24 - 110*	*10/18/12 09:30*	*10/20/12 12:58*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 110*	*10/18/12 09:30*	*10/20/12 12:58*	*1*
Nitrobenzene-d5 (Surr)	*57*		*20 - 110*	*10/18/12 09:30*	*10/20/12 12:58*	*1*
Phenol-d5 (Surr)	*62*		*26 - 110*	*10/18/12 09:30*	*10/20/12 12:58*	*1*
Terphenyl-d14 (Surr)	*75*		*36 - 110*	*10/18/12 09:30*	*10/20/12 12:58*	*1*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 110*	*10/18/12 09:30*	*10/20/12 12:58*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		110	52	ug/Kg	☼		10/15/12 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*87*		*10 - 150*		*10/15/12 22:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		19	11	mg/Kg	☼	10/18/12 09:36	10/22/12 02:08	1
Oil Range Organics (C20-C34)	ND		19	11	mg/Kg	☼	10/18/12 09:36	10/22/12 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*43*		*10 - 110*	*10/18/12 09:36*	*10/22/12 02:08*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**50**	B	19	0.067	mg/Kg	☼	10/12/12 11:36	10/15/12 20:58	1
Cadmium	**0.18**	J	0.19	0.034	mg/Kg	☼	10/12/12 11:36	10/15/12 20:58	1
Chromium	**9.6**		0.47	0.19	mg/Kg	☼	10/12/12 11:36	10/15/12 20:58	1
Silver	ND		0.47	0.094	mg/Kg	☼	10/12/12 11:36	10/15/12 20:58	1
Arsenic	**51**		0.94	0.28	mg/Kg	☼	10/12/12 11:36	10/15/12 20:58	1
Lead	**30**		0.28	0.18	mg/Kg	☼	10/12/12 11:36	10/15/12 20:58	1
Selenium	ND		0.47	0.42	mg/Kg	☼	10/12/12 11:36	10/16/12 16:09	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.036**	J	0.10	0.015	mg/Kg	☼	10/12/12 14:20	10/15/12 13:28	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-02/4-6
Date Collected: 10/10/12 15:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-11
Matrix: Solid
Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19	6.0	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Benzene	ND		4.7	0.22	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Bromodichloromethane	ND		4.7	0.26	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Bromoform	ND		4.7	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Bromomethane	ND		4.7	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
2-Butanone (MEK)	**1.8**	**J B**	19	1.3	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Carbon disulfide	ND		4.7	0.42	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Carbon tetrachloride	ND		4.7	0.35	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Chlorobenzene	ND		4.7	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Chloroethane	ND		4.7	0.81	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Chloroform	ND		4.7	0.27	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Chloromethane	ND		4.7	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
cis-1,2-Dichloroethene	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
cis-1,3-Dichloropropene	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Dibromochloromethane	ND		4.7	0.52	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
1,1-Dichloroethane	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
1,2-Dichloroethane	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
1,1-Dichloroethene	ND		4.7	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
1,2-Dichloropropane	ND		4.7	0.65	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Ethylbenzene	ND		4.7	0.25	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
2-Hexanone	ND		19	0.60	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Methylene chloride	ND		4.7	0.63	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
4-Methyl-2-pentanone (MIBK)	ND		19	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Styrene	ND		4.7	0.14	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Tetrachloroethene	ND		4.7	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Toluene	ND		4.7	0.26	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
trans-1,2-Dichloroethene	ND		4.7	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
trans-1,3-Dichloropropene	ND		4.7	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
1,1,1-Trichloroethane	ND		4.7	0.53	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
1,1,2-Trichloroethane	ND		4.7	0.37	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Trichloroethene	ND		4.7	0.40	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Vinyl chloride	ND		4.7	0.37	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Xylenes, Total	ND		9.5	0.63	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
Methyl tert-butyl ether	ND		19	0.41	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1
n-Hexane	ND		4.7	1.1	ug/Kg	☼	10/11/12 19:00	10/23/12 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*52 - 136*	*10/11/12 19:00*	*10/23/12 05:35*	*1*
Dibromofluoromethane (Surr)	*79*		*37 - 132*	*10/11/12 19:00*	*10/23/12 05:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 123*	*10/11/12 19:00*	*10/23/12 05:35*	*1*
Toluene-d8 (Surr)	*91*		*67 - 125*	*10/11/12 19:00*	*10/23/12 05:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Acenaphthylene	ND		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Anthracene	ND		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Benzo[a]anthracene	**13**		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Benzo-a-pyrene	**21**		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Benzo[b]fluoranthene	ND		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1

Client Sample ID: IA05/B-02/4-6
Date Collected: 10/10/12 15:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-11
Matrix: Solid
Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	**7.5**	J	7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Benzo[k]fluoranthene	ND		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Bis(2-chloroethoxy)methane	ND		110	25	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Bis(2-chloroethyl)ether	ND		110	2.3	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Bis(2-ethylhexyl) phthalate	ND		57	22	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
4-Bromophenyl phenyl ether	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Butyl benzyl phthalate	ND		57	11	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2-Chloronaphthalene	ND		57	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2-Chlorophenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
4-Chlorophenyl phenyl ether	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Chrysene	**30**		7.6	1.2	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Dibenz(a,h)anthracene	ND		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Dibenzofuran	**9.8**	J	57	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
1,2-Dichlorobenzene	ND		57	11	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
1,3-Dichlorobenzene	ND		57	12	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
1,4-Dichlorobenzene	ND		57	23	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
3,3'-Dichlorobenzidine	ND		110	20	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2,4-Dichlorophenol	ND		170	23	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Diethyl phthalate	ND		57	18	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2,4-Dimethylphenol	ND		170	23	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Dimethyl phthalate	ND		57	19	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Di-n-butyl phthalate	ND		57	17	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
4,6-Dinitro-2-methylphenol	ND		170	91	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2,4-Dinitrophenol	ND		370	91	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2,4-Dinitrotoluene	ND		230	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2,6-Dinitrotoluene	ND		230	24	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Di-n-octyl phthalate	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Fluoranthene	**26**		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Fluorene	**4.2**	J	7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Hexachlorobenzene	ND		7.6	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Hexachlorobutadiene	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Hexachlorocyclopentadiene	ND		370	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Hexachloroethane	ND		57	10	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Indeno[1,2,3-cd]pyrene	ND		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Isophorone	ND		57	15	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2-Methylnaphthalene	**58**		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2-Methylphenol	ND		230	91	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
3 & 4 Methylphenol	ND		450	23	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Naphthalene	**39**		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2-Nitroaniline	ND		230	10	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
3-Nitroaniline	ND		230	18	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
4-Nitroaniline	ND		230	29	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Nitrobenzene	ND		110	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2-Nitrophenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
4-Nitrophenol	ND		370	91	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
N-Nitrosodi-n-propylamine	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
N-Nitrosodiphenylamine	ND		57	24	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2,2'-oxybis[1-chloropropane]	ND		110	11	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Pentachlorophenol	ND		170	91	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-02/4-6

Date Collected: 10/10/12 15:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-11
Matrix: Solid
Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	36		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Phenol	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
Pyrene	31		7.6	3.7	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
1,2,4-Trichlorobenzene	ND		57	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2,4,5-Trichlorophenol	ND		170	28	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1
2,4,6-Trichlorophenol	ND		170	91	ug/Kg	☼	10/18/12 09:30	10/20/12 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*59*		*24 - 110*	*10/18/12 09:30*	*10/20/12 13:22*	*1*
2-Fluorophenol (Surr)	*57*		*24 - 110*	*10/18/12 09:30*	*10/20/12 13:22*	*1*
Nitrobenzene-d5 (Surr)	*52*		*20 - 110*	*10/18/12 09:30*	*10/20/12 13:22*	*1*
Phenol-d5 (Surr)	*57*		*26 - 110*	*10/18/12 09:30*	*10/20/12 13:22*	*1*
Terphenyl-d14 (Surr)	*66*		*36 - 110*	*10/18/12 09:30*	*10/20/12 13:22*	*1*
2,4,6-Tribromophenol (Surr)	*44*		*10 - 110*	*10/18/12 09:30*	*10/20/12 13:22*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		110	52	ug/Kg	☼		10/15/12 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*74*		*10 - 150*		*10/15/12 22:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		190	110	mg/Kg	☼	10/18/12 09:36	10/22/12 12:12	10
Oil Range Organics (C20-C34)	1300		190	110	mg/Kg	☼	10/18/12 09:36	10/22/12 12:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*40*		*10 - 110*	*10/18/12 09:36*	*10/22/12 12:12*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		38	24	ug/Kg	☼	10/18/12 09:42	10/22/12 10:14	1
Aroclor 1221	ND		38	18	ug/Kg	☼	10/18/12 09:42	10/22/12 10:14	1
Aroclor 1232	ND		38	16	ug/Kg	☼	10/18/12 09:42	10/22/12 10:14	1
Aroclor 1242	ND		38	15	ug/Kg	☼	10/18/12 09:42	10/22/12 10:14	1
Aroclor 1248	ND		38	19	ug/Kg	☼	10/18/12 09:42	10/22/12 10:14	1
Aroclor 1254	ND		38	19	ug/Kg	☼	10/18/12 09:42	10/22/12 10:14	1
Aroclor 1260	ND		38	19	ug/Kg	☼	10/18/12 09:42	10/22/12 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*29 - 151*	*10/18/12 09:42*	*10/22/12 10:14*	*1*
DCB Decachlorobiphenyl	*57*		*14 - 163*	*10/18/12 09:42*	*10/22/12 10:14*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	59	B	21	0.074	mg/Kg	☼	10/12/12 11:36	10/15/12 21:03	1
Cadmium	0.11	J	0.21	0.038	mg/Kg	☼	10/12/12 11:36	10/15/12 21:03	1
Chromium	12		0.52	0.21	mg/Kg	☼	10/12/12 11:36	10/15/12 21:03	1
Silver	ND		0.52	0.10	mg/Kg	☼	10/12/12 11:36	10/15/12 21:03	1
Arsenic	14		1.0	0.31	mg/Kg	☼	10/12/12 11:36	10/15/12 21:03	1
Lead	15		0.31	0.20	mg/Kg	☼	10/12/12 11:36	10/15/12 21:03	1
Selenium	0.49	J ^	0.52	0.47	mg/Kg	☼	10/12/12 11:36	10/16/12 16:15	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-02/4-6
Date Collected: 10/10/12 15:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-11
Matrix: Solid
Percent Solids: 87.8

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	J	0.11	0.017	mg/Kg	☼	10/12/12 14:20	10/15/12 13:30	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-02/12-4

Lab Sample ID: 240-16213-12

Date Collected: 10/10/12 15:30
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		18	5.6	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Benzene	ND		4.4	0.20	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Bromodichloromethane	ND		4.4	0.25	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Bromoform	ND		4.4	0.29	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Bromomethane	ND		4.4	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
2-Butanone (MEK)	ND		18	1.2	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Carbon disulfide	ND		4.4	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Carbon tetrachloride	ND		4.4	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Chlorobenzene	ND		4.4	0.29	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Chloroethane	ND		4.4	0.76	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Chloroform	ND		4.4	0.26	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Chloromethane	ND		4.4	0.36	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
cis-1,2-Dichloroethene	ND		4.4	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
cis-1,3-Dichloropropene	ND		4.4	0.30	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Dibromochloromethane	ND		4.4	0.49	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
1,1-Dichloroethane	ND		4.4	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
1,2-Dichloroethane	ND		4.4	0.30	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
1,1-Dichloroethene	ND		4.4	0.46	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
1,2-Dichloropropane	ND		4.4	0.61	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Ethylbenzene	ND		4.4	0.23	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
2-Hexanone	ND		18	0.56	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Methylene chloride	ND		4.4	0.59	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
4-Methyl-2-pentanone (MIBK)	ND		18	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Styrene	ND		4.4	0.13	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
1,1,2,2-Tetrachloroethane	ND		4.4	0.30	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Tetrachloroethene	ND		4.4	0.46	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Toluene	ND		4.4	0.24	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
trans-1,2-Dichloroethene	ND		4.4	0.36	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
trans-1,3-Dichloropropene	ND		4.4	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
1,1,1-Trichloroethane	ND		4.4	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
1,1,2-Trichloroethane	ND		4.4	0.35	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Trichloroethene	ND		4.4	0.37	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Vinyl chloride	ND		4.4	0.35	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Xylenes, Total	ND		8.9	0.59	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
Methyl tert-butyl ether	ND		18	0.38	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1
n-Hexane	ND		4.4	1.1	ug/Kg	☼	10/11/12 19:00	10/23/12 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*52 - 136*	*10/11/12 19:00*	*10/23/12 05:57*	*1*
Dibromofluoromethane (Surr)	*76*		*37 - 132*	*10/11/12 19:00*	*10/23/12 05:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*80*		*58 - 123*	*10/11/12 19:00*	*10/23/12 05:57*	*1*
Toluene-d8 (Surr)	*90*		*67 - 125*	*10/11/12 19:00*	*10/23/12 05:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Acenaphthylene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Anthracene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Benzo[a]anthracene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Benzo-a-pyrene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Benzo[b]fluoranthene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1

Client Sample ID: IA05/B-02/12-4
Date Collected: 10/10/12 15:30
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-12
Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Benzo[k]fluoranthene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Bis(2-chloroethoxy)methane	ND		120	26	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Bis(2-chloroethyl)ether	ND		120	2.3	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Bis(2-ethylhexyl) phthalate	ND		58	22	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
4-Bromophenyl phenyl ether	ND		58	15	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Butyl benzyl phthalate	ND		58	12	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
4-Chloroaniline	ND		170	20	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
4-Chloro-3-methylphenol	ND		170	24	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2-Chloronaphthalene	ND		58	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2-Chlorophenol	ND		58	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
4-Chlorophenyl phenyl ether	ND		58	15	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Chrysene	ND		7.7	1.3	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Dibenz(a,h)anthracene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Dibenzofuran	ND		58	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
1,2-Dichlorobenzene	ND		58	11	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
1,3-Dichlorobenzene	ND		58	13	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
1,4-Dichlorobenzene	ND		58	23	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
3,3'-Dichlorobenzidine	ND		120	21	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2,4-Dichlorophenol	ND		170	23	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Diethyl phthalate	ND		58	19	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2,4-Dimethylphenol	ND		170	23	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Dimethyl phthalate	ND		58	20	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Di-n-butyl phthalate	ND		58	17	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
4,6-Dinitro-2-methylphenol	ND		170	93	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2,4-Dinitrophenol	ND		380	93	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2,4-Dinitrotoluene	ND		230	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2,6-Dinitrotoluene	ND		230	24	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Di-n-octyl phthalate	ND		58	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Fluoranthene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Fluorene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Hexachlorobenzene	ND		7.7	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Hexachlorobutadiene	ND		58	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Hexachlorocyclopentadiene	ND		380	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Hexachloroethane	ND		58	10	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Indeno[1,2,3-cd]pyrene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Isophorone	ND		58	15	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2-Methylnaphthalene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2-Methylphenol	ND		230	93	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
3 & 4 Methylphenol	ND		460	23	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Naphthalene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2-Nitroaniline	ND		230	11	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
3-Nitroaniline	ND		230	19	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Nitrobenzene	ND		120	2.6	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2-Nitrophenol	ND		58	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
4-Nitrophenol	ND		380	93	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
N-Nitrosodi-n-propylamine	ND		58	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
N-Nitrosodiphenylamine	ND		58	24	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2,2'-oxybis[1-chloropropane]	ND		120	11	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Pentachlorophenol	ND		170	93	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-02/12-4

Lab Sample ID: 240-16213-12

Date Collected: 10/10/12 15:30
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Phenol	ND		58	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
Pyrene	ND		7.7	3.8	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
1,2,4-Trichlorobenzene	ND		58	31	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2,4,5-Trichlorophenol	ND		170	29	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1
2,4,6-Trichlorophenol	ND		170	93	ug/Kg	☼	10/18/12 09:30	10/20/12 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*54*		*24 - 110*	*10/18/12 09:30*	*10/20/12 13:45*	*1*
2-Fluorophenol (Surr)	*51*		*24 - 110*	*10/18/12 09:30*	*10/20/12 13:45*	*1*
Nitrobenzene-d5 (Surr)	*49*		*20 - 110*	*10/18/12 09:30*	*10/20/12 13:45*	*1*
Phenol-d5 (Surr)	*53*		*26 - 110*	*10/18/12 09:30*	*10/20/12 13:45*	*1*
Terphenyl-d14 (Surr)	*63*		*36 - 110*	*10/18/12 09:30*	*10/20/12 13:45*	*1*
2,4,6-Tribromophenol (Surr)	*37*		*10 - 110*	*10/18/12 09:30*	*10/20/12 13:45*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		110	53	ug/Kg	☼		10/15/12 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*82*		*10 - 150*		*10/15/12 23:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		19	11	mg/Kg	☼	10/18/12 09:36	10/22/12 03:10	1
Oil Range Organics (C20-C34)	ND		19	11	mg/Kg	☼	10/18/12 09:36	10/22/12 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*49*		*10 - 110*	*10/18/12 09:36*	*10/22/12 03:10*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**48**	**B**	22	0.078	mg/Kg	☼	10/12/12 11:36	10/15/12 21:09	1
Cadmium	**0.16**	**J**	0.22	0.040	mg/Kg	☼	10/12/12 11:36	10/15/12 21:09	1
Chromium	**9.1**		0.55	0.22	mg/Kg	☼	10/12/12 11:36	10/15/12 21:09	1
Silver	ND		0.55	0.11	mg/Kg	☼	10/12/12 11:36	10/15/12 21:09	1
Arsenic	**19**		1.1	0.33	mg/Kg	☼	10/12/12 11:36	10/15/12 21:09	1
Lead	**13**		0.33	0.21	mg/Kg	☼	10/12/12 11:36	10/15/12 21:09	1
Selenium	ND		0.55	0.50	mg/Kg	☼	10/12/12 11:36	10/16/12 16:21	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.017**	**J**	0.11	0.016	mg/Kg	☼	10/12/12 14:20	10/15/12 13:32	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-03/6-8

Date Collected: 10/10/12 16:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-13

Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**23**		19	5.9	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Benzene	ND		4.6	0.21	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Bromodichloromethane	ND		4.6	0.26	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Bromoform	ND		4.6	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Bromomethane	ND		4.6	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
2-Butanone (MEK)	**4.5**	**J B**	19	1.3	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Carbon disulfide	ND		4.6	0.41	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Carbon tetrachloride	ND		4.6	0.34	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Chlorobenzene	ND		4.6	0.31	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Chloroethane	ND		4.6	0.80	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Chloroform	ND		4.6	0.27	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Chloromethane	ND		4.6	0.38	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
cis-1,2-Dichloroethene	ND		4.6	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
cis-1,3-Dichloropropene	ND		4.6	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Dibromochloromethane	ND		4.6	0.51	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
1,1-Dichloroethane	ND		4.6	0.33	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
1,2-Dichloroethane	ND		4.6	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
1,1-Dichloroethene	ND		4.6	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
1,2-Dichloropropane	ND		4.6	0.64	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Ethylbenzene	ND		4.6	0.24	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
2-Hexanone	ND		19	0.59	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Methylene chloride	ND		4.6	0.62	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
4-Methyl-2-pentanone (MIBK)	ND		19	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Styrene	ND		4.6	0.14	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.32	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Tetrachloroethene	ND		4.6	0.48	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Toluene	ND		4.6	0.25	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
trans-1,2-Dichloroethene	ND		4.6	0.38	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
trans-1,3-Dichloropropene	ND		4.6	0.50	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
1,1,1-Trichloroethane	ND		4.6	0.52	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
1,1,2-Trichloroethane	ND		4.6	0.36	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Trichloroethene	ND		4.6	0.39	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Vinyl chloride	ND		4.6	0.36	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Xylenes, Total	ND		9.3	0.62	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
Methyl tert-butyl ether	ND		19	0.40	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1
n-Hexane	ND		4.6	1.1	ug/Kg	☼	10/11/12 19:00	10/23/12 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*52 - 136*	*10/11/12 19:00*	*10/23/12 01:20*	*1*
Dibromofluoromethane (Surr)	*78*		*37 - 132*	*10/11/12 19:00*	*10/23/12 01:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*58 - 123*	*10/11/12 19:00*	*10/23/12 01:20*	*1*
Toluene-d8 (Surr)	*89*		*67 - 125*	*10/11/12 19:00*	*10/23/12 01:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Acenaphthylene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Benzo[a]anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Benzo-a-pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Benzo[b]fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1

Client Sample ID: IA05/B-03/6-8
Date Collected: 10/10/12 16:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-13
Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Benzo[k]fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Bis(2-chloroethoxy)methane	ND		120	26	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Bis(2-chloroethyl)ether	ND		120	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Bis(2-ethylhexyl) phthalate	ND		60	23	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
4-Bromophenyl phenyl ether	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Butyl benzyl phthalate	ND		60	12	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
4-Chloroaniline	ND		180	20	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
4-Chloro-3-methylphenol	ND		180	25	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2-Chloronaphthalene	ND		60	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2-Chlorophenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
4-Chlorophenyl phenyl ether	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Chrysene	ND		8.0	1.3	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Dibenz(a,h)anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Dibenzofuran	ND		60	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
1,2-Dichlorobenzene	ND		60	12	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
1,3-Dichlorobenzene	ND		60	13	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
1,4-Dichlorobenzene	ND		60	24	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
3,3'-Dichlorobenzidine	ND		120	22	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2,4-Dichlorophenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Diethyl phthalate	ND		60	19	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2,4-Dimethylphenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Dimethyl phthalate	ND		60	20	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Di-n-butyl phthalate	ND		60	18	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
4,6-Dinitro-2-methylphenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2,4-Dinitrophenol	ND		400	96	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2,4-Dinitrotoluene	ND		240	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2,6-Dinitrotoluene	ND		240	25	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Di-n-octyl phthalate	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Fluorene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Hexachlorobenzene	ND		8.0	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Hexachlorobutadiene	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Hexachlorocyclopentadiene	ND		400	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Hexachloroethane	ND		60	11	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Indeno[1,2,3-cd]pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Isophorone	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2-Methylnaphthalene	**4.4**	**J**	8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2-Methylphenol	ND		240	96	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
3 & 4 Methylphenol	ND		480	24	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Naphthalene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2-Nitroaniline	ND		240	11	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
3-Nitroaniline	ND		240	19	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Nitrobenzene	ND		120	2.6	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2-Nitrophenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
4-Nitrophenol	ND		400	96	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
N-Nitrosodi-n-propylamine	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
N-Nitrosodiphenylamine	ND		60	25	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2,2'-oxybis[1-chloropropane]	ND		120	11	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Pentachlorophenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1

Client Sample ID: IA05/B-03/6-8

Lab Sample ID: 240-16213-13

Date Collected: 10/10/12 16:00
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Phenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
Pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
1,2,4-Trichlorobenzene	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2,4,5-Trichlorophenol	ND		180	30	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1
2,4,6-Trichlorophenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*53*		*24 - 110*	*10/18/12 09:30*	*10/20/12 14:08*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 110*	*10/18/12 09:30*	*10/20/12 14:08*	*1*
Nitrobenzene-d5 (Surr)	*48*		*20 - 110*	*10/18/12 09:30*	*10/20/12 14:08*	*1*
Phenol-d5 (Surr)	*53*		*26 - 110*	*10/18/12 09:30*	*10/20/12 14:08*	*1*
Terphenyl-d14 (Surr)	*65*		*36 - 110*	*10/18/12 09:30*	*10/20/12 14:08*	*1*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 110*	*10/18/12 09:30*	*10/20/12 14:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**27**	**H**	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Acenaphthylene	ND	H	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Anthracene	**21**	H	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Benzo[a]anthracene	**42**	H	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Benzo-a-pyrene	**37**	H	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Benzo[b]fluoranthene	**54**	H	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Benzo[ghi]perylene	**44**	H	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Benzo[k]fluoranthene	**29**	H	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Bis(2-chloroethoxy)methane	ND	H	290	65	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Bis(2-chloroethyl)ether	ND	H	290	5.9	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Bis(2-ethylhexyl) phthalate	ND	H	150	56	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
4-Bromophenyl phenyl ether	ND	H	150	38	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Butyl benzyl phthalate	ND	H	150	29	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
4-Chloroaniline	ND	H	440	50	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
4-Chloro-3-methylphenol	ND	H	440	62	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2-Chloronaphthalene	ND	H	150	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2-Chlorophenol	ND	H	150	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
4-Chlorophenyl phenyl ether	ND	H	150	38	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Chrysene	**60**	**H**	20	3.2	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Dibenz(a,h)anthracene	ND	H	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Dibenzofuran	**56**	**J H**	150	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
1,2-Dichlorobenzene	ND	H	150	29	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
1,3-Dichlorobenzene	ND	H	150	32	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
1,4-Dichlorobenzene	ND	H	150	59	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
3,3'-Dichlorobenzidine	ND	H	290	53	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2,4-Dichlorophenol	ND	H	440	59	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Diethyl phthalate	ND	H	150	47	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2,4-Dimethylphenol	ND	H	440	59	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Dimethyl phthalate	ND	H	150	50	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Di-n-butyl phthalate	**45**	**J H**	150	44	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
4,6-Dinitro-2-methylphenol	ND	H	440	240	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2,4-Dinitrophenol	ND	H	970	240	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2,4-Dinitrotoluene	ND	H	590	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2,6-Dinitrotoluene	ND	H	590	62	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-03/6-8
Date Collected: 10/10/12 16:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-13
Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND	H	150	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Fluoranthene	**62**	**H**	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Fluorene	**23**	**H**	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Hexachlorobenzene	ND	H	20	6.2	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Hexachlorobutadiene	ND	H	150	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Hexachlorocyclopentadiene	ND	H	970	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Hexachloroethane	ND	H	150	26	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Indeno[1,2,3-cd]pyrene	**35**	**H**	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Isophorone	ND	H	150	38	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2-Methylnaphthalene	**240**	**H**	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2-Methylphenol	ND	H	590	240	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
3 & 4 Methylphenol	ND	H	1200	59	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Naphthalene	**170**	**H**	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2-Nitroaniline	ND	H	590	27	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
3-Nitroaniline	ND	H	590	47	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
4-Nitroaniline	ND	H	590	76	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Nitrobenzene	ND	H	290	6.5	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2-Nitrophenol	ND	H	150	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
4-Nitrophenol	ND	H	970	240	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
N-Nitrosodi-n-propylamine	ND	H	150	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
N-Nitrosodiphenylamine	ND	H	150	62	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2,2'-oxybis[1-chloropropane]	ND	H	290	28	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Pentachlorophenol	ND	H	440	240	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Phenanthrene	**120**	**H**	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Phenol	ND	H	150	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
Pyrene	**58**	**H**	20	9.7	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
1,2,4-Trichlorobenzene	ND	H	150	79	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2,4,5-Trichlorophenol	ND	H	440	73	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5
2,4,6-Trichlorophenol	ND	H	440	240	ug/Kg	☼	10/27/12 09:20	10/30/12 11:14	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*24 - 110*	*10/27/12 09:20*	*10/30/12 11:14*	*2.5*
2-Fluorophenol (Surr)	*77*		*24 - 110*	*10/27/12 09:20*	*10/30/12 11:14*	*2.5*
Nitrobenzene-d5 (Surr)	*68*		*20 - 110*	*10/27/12 09:20*	*10/30/12 11:14*	*2.5*
Phenol-d5 (Surr)	*83*		*26 - 110*	*10/27/12 09:20*	*10/30/12 11:14*	*2.5*
Terphenyl-d14 (Surr)	*75*		*36 - 110*	*10/27/12 09:20*	*10/30/12 11:14*	*2.5*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 110*	*10/27/12 09:20*	*10/30/12 11:14*	*2.5*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		120	55	ug/Kg	☼		10/15/12 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*77*		*10 - 150*		*10/15/12 23:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		200	110	mg/Kg	☼	10/18/12 09:36	10/22/12 03:41	10
Oil Range Organics (C20-C34)	**600**		200	110	mg/Kg	☼	10/18/12 09:36	10/22/12 03:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*51*		*10 - 110*	*10/18/12 09:36*	*10/22/12 03:41*	*10*

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-03/6-8
Date Collected: 10/10/12 16:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-13
Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		40	25	ug/Kg	☼	10/18/12 09:42	10/22/12 10:27	1
Aroclor 1221	ND		40	19	ug/Kg	☼	10/18/12 09:42	10/22/12 10:27	1
Aroclor 1232	ND		40	17	ug/Kg	☼	10/18/12 09:42	10/22/12 10:27	1
Aroclor 1242	ND		40	16	ug/Kg	☼	10/18/12 09:42	10/22/12 10:27	1
Aroclor 1248	ND		40	20	ug/Kg	☼	10/18/12 09:42	10/22/12 10:27	1
Aroclor 1254	ND		40	20	ug/Kg	☼	10/18/12 09:42	10/22/12 10:27	1
Aroclor 1260	**38**	J	40	20	ug/Kg	☼	10/18/12 09:42	10/22/12 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*29 - 151*	*10/18/12 09:42*	*10/22/12 10:27*	*1*
DCB Decachlorobiphenyl	*66*		*14 - 163*	*10/18/12 09:42*	*10/22/12 10:27*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**420**	B	21	0.073	mg/Kg	☼	10/12/12 11:36	10/15/12 20:01	1
Cadmium	**0.28**		0.21	0.037	mg/Kg	☼	10/12/12 11:36	10/15/12 20:01	1
Chromium	**160**		0.51	0.21	mg/Kg	☼	10/12/12 11:36	10/15/12 20:01	1
Silver	ND		0.51	0.10	mg/Kg	☼	10/12/12 11:36	10/15/12 20:01	1
Arsenic	**16**		1.0	0.31	mg/Kg	☼	10/12/12 11:36	10/15/12 20:01	1
Lead	**28**		0.31	0.20	mg/Kg	☼	10/12/12 11:36	10/15/12 20:01	1
Selenium	**1.2**		0.51	0.46	mg/Kg	☼	10/12/12 11:36	10/16/12 15:13	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.055**	J	0.11	0.017	mg/Kg	☼	10/12/12 14:20	10/15/12 13:10	1

Client Sample ID: IA05/B-03/16-18

Lab Sample ID: 240-16213-14

Date Collected: 10/10/12 16:20
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.67	ug/Kg	☼		10/23/12 00:51	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.40	ug/Kg	☼		10/23/12 00:51	1
1,1,2-Trichloroethane	ND		6.0	0.46	ug/Kg	☼		10/23/12 00:51	1
1,1-Dichloroethane	ND		6.0	0.43	ug/Kg	☼		10/23/12 00:51	1
1,1-Dichloroethene	ND		6.0	0.62	ug/Kg	☼		10/23/12 00:51	1
1,2-Dichloroethane	ND		6.0	0.40	ug/Kg	☼		10/23/12 00:51	1
1,2-Dichloropropane	ND		6.0	0.82	ug/Kg	☼		10/23/12 00:51	1
2-Hexanone	ND		24	0.75	ug/Kg	☼		10/23/12 00:51	1
Acetone	ND		24	7.5	ug/Kg	☼		10/23/12 00:51	1
Benzene	ND		6.0	0.27	ug/Kg	☼		10/23/12 00:51	1
Bromoform	ND		6.0	0.39	ug/Kg	☼		10/23/12 00:51	1
Bromomethane	ND		6.0	0.64	ug/Kg	☼		10/23/12 00:51	1
Carbon disulfide	ND		6.0	0.52	ug/Kg	☼		10/23/12 00:51	1
Carbon tetrachloride	ND		6.0	0.44	ug/Kg	☼		10/23/12 00:51	1
Chlorobenzene	ND		6.0	0.39	ug/Kg	☼		10/23/12 00:51	1
Chloroethane	ND		6.0	1.0	ug/Kg	☼		10/23/12 00:51	1
Chloroform	ND		6.0	0.35	ug/Kg	☼		10/23/12 00:51	1
Chloromethane	ND		6.0	0.49	ug/Kg	☼		10/23/12 00:51	1
cis-1,2-Dichloroethene	ND		6.0	0.43	ug/Kg	☼		10/23/12 00:51	1
cis-1,3-Dichloropropene	ND		6.0	0.40	ug/Kg	☼		10/23/12 00:51	1
Bromodichloromethane	ND		6.0	0.33	ug/Kg	☼		10/23/12 00:51	1
Ethylbenzene	ND		6.0	0.31	ug/Kg	☼		10/23/12 00:51	1
n-Hexane	ND		6.0	1.4	ug/Kg	☼		10/23/12 00:51	1
2-Butanone (MEK)	ND		24	1.7	ug/Kg	☼		10/23/12 00:51	1
4-Methyl-2-pentanone (MIBK)	ND		24	0.64	ug/Kg	☼		10/23/12 00:51	1
Methyl tert-butyl ether	ND		24	0.51	ug/Kg	☼		10/23/12 00:51	1
Methylene chloride	ND		6.0	0.80	ug/Kg	☼		10/23/12 00:51	1
Styrene	ND		6.0	0.18	ug/Kg	☼		10/23/12 00:51	1
Tetrachloroethene	ND		6.0	0.62	ug/Kg	☼		10/23/12 00:51	1
Toluene	ND		6.0	0.32	ug/Kg	☼		10/23/12 00:51	1
trans-1,2-Dichloroethene	ND		6.0	0.49	ug/Kg	☼		10/23/12 00:51	1
trans-1,3-Dichloropropene	ND		6.0	0.64	ug/Kg	☼		10/23/12 00:51	1
Trichloroethene	ND		6.0	0.50	ug/Kg	☼		10/23/12 00:51	1
Vinyl chloride	ND		6.0	0.46	ug/Kg	☼		10/23/12 00:51	1
Xylenes, Total	ND		12	0.80	ug/Kg	☼		10/23/12 00:51	1
Dibromochloromethane	ND		6.0	0.65	ug/Kg	☼		10/23/12 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*58 - 123*		*10/23/12 00:51*	*1*
4-Bromofluorobenzene (Surr)	*83*		*52 - 136*		*10/23/12 00:51*	*1*
Toluene-d8 (Surr)	*88*		*67 - 125*		*10/23/12 00:51*	*1*
Dibromofluoromethane (Surr)	*79*		*37 - 132*		*10/23/12 00:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Acenaphthylene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Benzo[a]anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Benzo-a-pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Benzo[b]fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1

Client Sample ID: IA05/B-03/16-18

Date Collected: 10/10/12 16:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-14

Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Benzo[k]fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Bis(2-chloroethoxy)methane	ND		120	26	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Bis(2-chloroethyl)ether	ND		120	2.4	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Bis(2-ethylhexyl) phthalate	ND		60	23	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
4-Bromophenyl phenyl ether	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Butyl benzyl phthalate	ND		60	12	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
4-Chloroaniline	ND		180	20	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
4-Chloro-3-methylphenol	ND		180	25	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2-Chloronaphthalene	ND		60	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2-Chlorophenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
4-Chlorophenyl phenyl ether	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Chrysene	ND		8.0	1.3	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Dibenz(a,h)anthracene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Dibenzofuran	ND		60	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
1,2-Dichlorobenzene	ND		60	12	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
1,3-Dichlorobenzene	ND		60	13	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
1,4-Dichlorobenzene	ND		60	24	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
3,3'-Dichlorobenzidine	ND		120	22	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2,4-Dichlorophenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Diethyl phthalate	ND		60	19	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2,4-Dimethylphenol	ND		180	24	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Dimethyl phthalate	ND		60	20	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Di-n-butyl phthalate	ND		60	18	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
4,6-Dinitro-2-methylphenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2,4-Dinitrophenol	ND		400	96	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2,4-Dinitrotoluene	ND		240	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2,6-Dinitrotoluene	ND		240	25	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Di-n-octyl phthalate	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Fluoranthene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Fluorene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Hexachlorobenzene	ND		8.0	2.5	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Hexachlorobutadiene	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Hexachlorocyclopentadiene	ND		400	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Hexachloroethane	ND		60	11	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Indeno[1,2,3-cd]pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Isophorone	ND		60	16	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2-Methylnaphthalene	**14**		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2-Methylphenol	ND		240	96	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
3 & 4 Methylphenol	ND		480	24	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Naphthalene	**9.9**		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2-Nitroaniline	ND		240	11	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
3-Nitroaniline	ND		240	19	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Nitrobenzene	ND		120	2.6	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2-Nitrophenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
4-Nitrophenol	ND		400	96	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
N-Nitrosodi-n-propylamine	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
N-Nitrosodiphenylamine	ND		60	25	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2,2'-oxybis[1-chloropropane]	ND		120	11	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Pentachlorophenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-03/16-18
Date Collected: 10/10/12 16:20
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-14
Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	5.6	J	8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Phenol	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
Pyrene	ND		8.0	4.0	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
1,2,4-Trichlorobenzene	ND		60	32	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2,4,5-Trichlorophenol	ND		180	30	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1
2,4,6-Trichlorophenol	ND		180	96	ug/Kg	☼	10/18/12 09:30	10/20/12 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*54*		*24 - 110*	*10/18/12 09:30*	*10/20/12 15:18*	*1*
2-Fluorophenol (Surr)	*52*		*24 - 110*	*10/18/12 09:30*	*10/20/12 15:18*	*1*
Nitrobenzene-d5 (Surr)	*49*		*20 - 110*	*10/18/12 09:30*	*10/20/12 15:18*	*1*
Phenol-d5 (Surr)	*52*		*26 - 110*	*10/18/12 09:30*	*10/20/12 15:18*	*1*
Terphenyl-d14 (Surr)	*69*		*36 - 110*	*10/18/12 09:30*	*10/20/12 15:18*	*1*
2,4,6-Tribromophenol (Surr)	*38*		*10 - 110*	*10/18/12 09:30*	*10/20/12 15:18*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		120	55	ug/Kg	☼		10/16/12 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*87*		*10 - 150*		*10/16/12 01:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		20	11	mg/Kg	☼	10/18/12 09:36	10/22/12 06:13	1
Oil Range Organics (C20-C34)	ND		20	11	mg/Kg	☼	10/18/12 09:36	10/22/12 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*46*		*10 - 110*	*10/18/12 09:36*	*10/22/12 06:13*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	68	B	21	0.073	mg/Kg	☼	10/12/12 11:36	10/15/12 21:15	1
Cadmium	0.096	J	0.21	0.037	mg/Kg	☼	10/12/12 11:36	10/15/12 21:15	1
Chromium	18		0.51	0.21	mg/Kg	☼	10/12/12 11:36	10/15/12 21:15	1
Silver	ND		0.51	0.10	mg/Kg	☼	10/12/12 11:36	10/15/12 21:15	1
Arsenic	11		1.0	0.31	mg/Kg	☼	10/12/12 11:36	10/15/12 21:15	1
Lead	14		0.31	0.20	mg/Kg	☼	10/12/12 11:36	10/15/12 21:15	1
Selenium	0.50	J ^	0.51	0.46	mg/Kg	☼	10/12/12 11:36	10/16/12 16:26	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.020	mg/Kg	☼	10/12/12 14:20	10/15/12 13:34	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: RIN-02/101012

Lab Sample ID: 240-16213-15

Date Collected: 10/10/12 10:20
Date Received: 10/11/12 07:15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.4	J	10	1.1	ug/L			10/17/12 19:26	1
Benzene	ND		1.0	0.13	ug/L			10/17/12 19:26	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/17/12 19:26	1
Bromoform	ND		1.0	0.64	ug/L			10/17/12 19:26	1
Bromomethane	ND		1.0	0.41	ug/L			10/17/12 19:26	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/17/12 19:26	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/17/12 19:26	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/17/12 19:26	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/17/12 19:26	1
Chloroethane	ND		1.0	0.29	ug/L			10/17/12 19:26	1
Chloroform	0.64	J	1.0	0.16	ug/L			10/17/12 19:26	1
Chloromethane	ND		1.0	0.30	ug/L			10/17/12 19:26	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/17/12 19:26	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/17/12 19:26	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/17/12 19:26	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/17/12 19:26	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/17/12 19:26	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 19:26	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/17/12 19:26	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/17/12 19:26	1
2-Hexanone	ND		10	0.41	ug/L			10/17/12 19:26	1
Methylene Chloride	ND		1.0	0.33	ug/L			10/17/12 19:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/17/12 19:26	1
Styrene	ND		1.0	0.11	ug/L			10/17/12 19:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/17/12 19:26	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/17/12 19:26	1
Toluene	ND		1.0	0.13	ug/L			10/17/12 19:26	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 19:26	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/17/12 19:26	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/17/12 19:26	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/17/12 19:26	1
Trichloroethene	ND		1.0	0.17	ug/L			10/17/12 19:26	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/17/12 19:26	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/17/12 19:26	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/17/12 19:26	1
n-Hexane	ND		1.0	0.26	ug/L			10/17/12 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*66 - 117*		*10/17/12 19:26*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 121*		*10/17/12 19:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 129*		*10/17/12 19:26*	*1*
Toluene-d8 (Surr)	*97*		*74 - 115*		*10/17/12 19:26*	*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		10/15/12 10:20	10/18/12 17:45	1
Acenaphthylene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1

Client Sample ID: RIN-02/101012

Lab Sample ID: 240-16213-15

Date Collected: 10/10/12 10:20

Matrix: Water

Date Received: 10/11/12 07:15

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		10/15/12 10:20	10/18/12 17:45	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Bis(2-chloroethoxy)methane	ND		1.0	0.32	ug/L		10/15/12 10:20	10/18/12 17:45	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Bis(2-ethylhexyl) phthalate	**0.99**	J	2.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
4-Bromophenyl phenyl ether	ND		2.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
Butyl benzyl phthalate	ND		1.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
4-Chloroaniline	ND		2.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
4-Chloro-3-methylphenol	ND		2.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
2-Chlorophenol	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 17:45	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		10/15/12 10:20	10/18/12 17:45	1
Chrysene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Dibenzofuran	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
1,2-Dichlorobenzene	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 17:45	1
1,3-Dichlorobenzene	ND		1.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
1,4-Dichlorobenzene	ND		1.0	0.34	ug/L		10/15/12 10:20	10/18/12 17:45	1
3,3'-Dichlorobenzidine	ND		5.1	0.37	ug/L		10/15/12 10:20	10/18/12 17:45	1
2,4-Dichlorophenol	ND		2.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
Diethyl phthalate	ND		1.0	0.61	ug/L		10/15/12 10:20	10/18/12 17:45	1
2,4-Dimethylphenol	ND		2.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
Dimethyl phthalate	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 17:45	1
Di-n-butyl phthalate	ND		1.0	0.68	ug/L		10/15/12 10:20	10/18/12 17:45	1
4,6-Dinitro-2-methylphenol	ND		5.1	2.4	ug/L		10/15/12 10:20	10/18/12 17:45	1
2,4-Dinitrophenol	ND		5.1	2.4	ug/L		10/15/12 10:20	10/18/12 17:45	1
2,4-Dinitrotoluene	ND		5.1	0.27	ug/L		10/15/12 10:20	10/18/12 17:45	1
2,6-Dinitrotoluene	ND		5.1	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
Di-n-octyl phthalate	ND		1.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
Fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Fluorene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L		10/15/12 10:20	10/18/12 17:45	1
Hexachlorocyclopentadiene	ND		10	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
Hexachloroethane	ND		1.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
Isophorone	ND		1.0	0.27	ug/L		10/15/12 10:20	10/18/12 17:45	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
2-Methylphenol	ND		1.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
3 & 4 Methylphenol	ND		2.0	0.76	ug/L		10/15/12 10:20	10/18/12 17:45	1
Naphthalene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
2-Nitroaniline	ND		2.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
3-Nitroaniline	ND		2.0	0.28	ug/L		10/15/12 10:20	10/18/12 17:45	1
4-Nitroaniline	ND		2.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
Nitrobenzene	ND		1.0	0.040	ug/L		10/15/12 10:20	10/18/12 17:45	1
2-Nitrophenol	ND		2.0	0.28	ug/L		10/15/12 10:20	10/18/12 17:45	1
4-Nitrophenol	ND		5.1	2.4	ug/L		10/15/12 10:20	10/18/12 17:45	1
N-Nitrosodi-n-propylamine	ND		1.0	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1
N-Nitrosodiphenylamine	ND		1.0	0.31	ug/L		10/15/12 10:20	10/18/12 17:45	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.40	ug/L		10/15/12 10:20	10/18/12 17:45	1
Pentachlorophenol	ND		5.1	2.4	ug/L		10/15/12 10:20	10/18/12 17:45	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: RIN-02/101012

Lab Sample ID: 240-16213-15

Date Collected: 10/10/12 10:20
Date Received: 10/11/12 07:15

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		10/15/12 10:20	10/18/12 17:45	1
Phenol	ND		1.0	0.61	ug/L		10/15/12 10:20	10/18/12 17:45	1
Pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 17:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.28	ug/L		10/15/12 10:20	10/18/12 17:45	1
2,4,5-Trichlorophenol	ND		5.1	0.30	ug/L		10/15/12 10:20	10/18/12 17:45	1
2,4,6-Trichlorophenol	ND		5.1	0.81	ug/L		10/15/12 10:20	10/18/12 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*20 - 110*	*10/15/12 10:20*	*10/18/12 17:45*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 110*	*10/15/12 10:20*	*10/18/12 17:45*	*1*
Nitrobenzene-d5 (Surr)	*66*		*21 - 110*	*10/15/12 10:20*	*10/18/12 17:45*	*1*
Phenol-d5 (Surr)	*69*		*21 - 110*	*10/15/12 10:20*	*10/18/12 17:45*	*1*
Terphenyl-d14 (Surr)	*77*		*24 - 110*	*10/15/12 10:20*	*10/18/12 17:45*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*21 - 110*	*10/15/12 10:20*	*10/18/12 17:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	0.67	ug/L		10/17/12 10:57	10/18/12 23:58	1
Cadmium	ND		2.0	0.66	ug/L		10/17/12 10:57	10/18/12 23:58	1
Chromium	ND		5.0	2.2	ug/L		10/17/12 10:57	10/18/12 23:58	1
Silver	ND		5.0	2.2	ug/L		10/17/12 10:57	10/18/12 23:58	1
Arsenic	ND		10	3.2	ug/L		10/17/12 10:57	10/18/12 23:58	1
Lead	ND		3.0	1.9	ug/L		10/17/12 10:57	10/18/12 23:58	1
Selenium	ND		5.0	4.1	ug/L		10/17/12 10:57	10/18/12 23:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/15/12 08:10	10/17/12 14:03	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: RIN-03/101012

Lab Sample ID: 240-16213-16

Date Collected: 10/10/12 16:55
Date Received: 10/11/12 07:15

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			10/17/12 19:47	1
Benzene	ND		1.0	0.13	ug/L			10/17/12 19:47	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/17/12 19:47	1
Bromoform	ND		1.0	0.64	ug/L			10/17/12 19:47	1
Bromomethane	ND		1.0	0.41	ug/L			10/17/12 19:47	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/17/12 19:47	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/17/12 19:47	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/17/12 19:47	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/17/12 19:47	1
Chloroethane	ND		1.0	0.29	ug/L			10/17/12 19:47	1
Chloroform	**0.58**	J	1.0	0.16	ug/L			10/17/12 19:47	1
Chloromethane	ND		1.0	0.30	ug/L			10/17/12 19:47	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/17/12 19:47	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/17/12 19:47	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/17/12 19:47	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/17/12 19:47	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/17/12 19:47	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 19:47	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/17/12 19:47	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/17/12 19:47	1
2-Hexanone	ND		10	0.41	ug/L			10/17/12 19:47	1
Methylene Chloride	ND		1.0	0.33	ug/L			10/17/12 19:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/17/12 19:47	1
Styrene	ND		1.0	0.11	ug/L			10/17/12 19:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/17/12 19:47	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/17/12 19:47	1
Toluene	ND		1.0	0.13	ug/L			10/17/12 19:47	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 19:47	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/17/12 19:47	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/17/12 19:47	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/17/12 19:47	1
Trichloroethene	ND		1.0	0.17	ug/L			10/17/12 19:47	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/17/12 19:47	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/17/12 19:47	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/17/12 19:47	1
n-Hexane	ND		1.0	0.26	ug/L			10/17/12 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*66 - 117*		*10/17/12 19:47*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 121*		*10/17/12 19:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*		*10/17/12 19:47*	*1*
Toluene-d8 (Surr)	*95*		*74 - 115*		*10/17/12 19:47*	*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		10/15/12 10:20	10/18/12 18:09	1
Acenaphthylene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1

Client Sample ID: RIN-03/101012

Lab Sample ID: 240-16213-16

Date Collected: 10/10/12 16:55

Matrix: Water

Date Received: 10/11/12 07:15

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		10/15/12 10:20	10/18/12 18:09	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Bis(2-chloroethoxy)methane	ND		1.0	0.32	ug/L		10/15/12 10:20	10/18/12 18:09	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
4-Bromophenyl phenyl ether	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
Butyl benzyl phthalate	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
4-Chloroaniline	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
4-Chloro-3-methylphenol	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
2-Chlorophenol	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 18:09	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		10/15/12 10:20	10/18/12 18:09	1
Chrysene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Dibenzofuran	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
1,2-Dichlorobenzene	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 18:09	1
1,3-Dichlorobenzene	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
1,4-Dichlorobenzene	ND		1.0	0.34	ug/L		10/15/12 10:20	10/18/12 18:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L		10/15/12 10:20	10/18/12 18:09	1
2,4-Dichlorophenol	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
Diethyl phthalate	ND		1.0	0.60	ug/L		10/15/12 10:20	10/18/12 18:09	1
2,4-Dimethylphenol	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
Dimethyl phthalate	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 18:09	1
Di-n-butyl phthalate	ND		1.0	0.67	ug/L		10/15/12 10:20	10/18/12 18:09	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.4	ug/L		10/15/12 10:20	10/18/12 18:09	1
2,4-Dinitrophenol	ND		5.0	2.4	ug/L		10/15/12 10:20	10/18/12 18:09	1
2,4-Dinitrotoluene	ND		5.0	0.27	ug/L		10/15/12 10:20	10/18/12 18:09	1
2,6-Dinitrotoluene	ND		5.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
Di-n-octyl phthalate	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
Fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Fluorene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L		10/15/12 10:20	10/18/12 18:09	1
Hexachlorocyclopentadiene	ND		10	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
Hexachloroethane	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
Isophorone	ND		1.0	0.27	ug/L		10/15/12 10:20	10/18/12 18:09	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
2-Methylphenol	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
3 & 4 Methylphenol	ND		2.0	0.75	ug/L		10/15/12 10:20	10/18/12 18:09	1
Naphthalene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
2-Nitroaniline	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
3-Nitroaniline	ND		2.0	0.28	ug/L		10/15/12 10:20	10/18/12 18:09	1
4-Nitroaniline	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
Nitrobenzene	ND		1.0	0.040	ug/L		10/15/12 10:20	10/18/12 18:09	1
2-Nitrophenol	ND		2.0	0.28	ug/L		10/15/12 10:20	10/18/12 18:09	1
4-Nitrophenol	ND		5.0	2.4	ug/L		10/15/12 10:20	10/18/12 18:09	1
N-Nitrosodi-n-propylamine	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1
N-Nitrosodiphenylamine	ND		1.0	0.31	ug/L		10/15/12 10:20	10/18/12 18:09	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.40	ug/L		10/15/12 10:20	10/18/12 18:09	1
Pentachlorophenol	ND		5.0	2.4	ug/L		10/15/12 10:20	10/18/12 18:09	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: RIN-03/101012

Lab Sample ID: 240-16213-16

Date Collected: 10/10/12 16:55
Date Received: 10/11/12 07:15

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		10/15/12 10:20	10/18/12 18:09	1
Phenol	ND		1.0	0.60	ug/L		10/15/12 10:20	10/18/12 18:09	1
Pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 18:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.28	ug/L		10/15/12 10:20	10/18/12 18:09	1
2,4,5-Trichlorophenol	ND		5.0	0.30	ug/L		10/15/12 10:20	10/18/12 18:09	1
2,4,6-Trichlorophenol	ND		5.0	0.80	ug/L		10/15/12 10:20	10/18/12 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*68*		*20 - 110*	*10/15/12 10:20*	*10/18/12 18:09*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 110*	*10/15/12 10:20*	*10/18/12 18:09*	*1*
Nitrobenzene-d5 (Surr)	*68*		*21 - 110*	*10/15/12 10:20*	*10/18/12 18:09*	*1*
Phenol-d5 (Surr)	*71*		*21 - 110*	*10/15/12 10:20*	*10/18/12 18:09*	*1*
Terphenyl-d14 (Surr)	*80*		*24 - 110*	*10/15/12 10:20*	*10/18/12 18:09*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*21 - 110*	*10/15/12 10:20*	*10/18/12 18:09*	*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		10/15/12 11:41	10/16/12 07:40	1
Aroclor 1221	ND		0.50	0.13	ug/L		10/15/12 11:41	10/16/12 07:40	1
Aroclor 1232	ND		0.50	0.16	ug/L		10/15/12 11:41	10/16/12 07:40	1
Aroclor 1242	ND		0.50	0.22	ug/L		10/15/12 11:41	10/16/12 07:40	1
Aroclor 1248	ND		0.50	0.10	ug/L		10/15/12 11:41	10/16/12 07:40	1
Aroclor 1254	ND		0.50	0.16	ug/L		10/15/12 11:41	10/16/12 07:40	1
Aroclor 1260	ND		0.50	0.17	ug/L		10/15/12 11:41	10/16/12 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*35 - 137*	*10/15/12 11:41*	*10/16/12 07:40*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 140*	*10/15/12 11:41*	*10/16/12 07:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	0.67	ug/L		10/17/12 10:57	10/19/12 00:05	1
Cadmium	ND		2.0	0.66	ug/L		10/17/12 10:57	10/19/12 00:05	1
Chromium	**5.4**		5.0	2.2	ug/L		10/17/12 10:57	10/19/12 00:05	1
Silver	ND		5.0	2.2	ug/L		10/17/12 10:57	10/19/12 00:05	1
Arsenic	ND		10	3.2	ug/L		10/17/12 10:57	10/19/12 00:05	1
Lead	ND		3.0	1.9	ug/L		10/17/12 10:57	10/19/12 00:05	1
Selenium	ND		5.0	4.1	ug/L		10/17/12 10:57	10/19/12 00:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/15/12 08:10	10/17/12 14:09	1

Client Sample ID: DUP-02/101012

Lab Sample ID: 240-16213-17

Date Collected: 10/10/12 00:00
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**25**	*	20	6.3	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Benzene	ND		5.0	0.23	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Bromodichloromethane	ND		5.0	0.28	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Bromoform	ND		5.0	0.33	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Bromomethane	ND		5.0	0.54	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
2-Butanone (MEK)	**6.5**	J	20	1.4	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Carbon disulfide	ND		5.0	0.44	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Carbon tetrachloride	ND		5.0	0.37	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Chlorobenzene	ND		5.0	0.33	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Chloroethane	ND		5.0	0.86	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Chloroform	ND		5.0	0.29	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Chloromethane	ND		5.0	0.41	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
cis-1,2-Dichloroethene	ND		5.0	0.36	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
cis-1,3-Dichloropropene	ND		5.0	0.34	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Dibromochloromethane	ND		5.0	0.55	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
1,1-Dichloroethane	ND		5.0	0.36	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
1,2-Dichloroethane	ND		5.0	0.34	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
1,1-Dichloroethene	ND		5.0	0.52	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
1,2-Dichloropropane	ND		5.0	0.69	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Ethylbenzene	ND		5.0	0.26	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
2-Hexanone	ND		20	0.63	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Methylene chloride	ND		5.0	0.67	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.54	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Styrene	ND		5.0	0.15	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.34	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Tetrachloroethene	ND		5.0	0.52	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Toluene	ND		5.0	0.27	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
trans-1,2-Dichloroethene	ND		5.0	0.41	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
trans-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
1,1,1-Trichloroethane	ND		5.0	0.56	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
1,1,2-Trichloroethane	ND		5.0	0.39	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Trichloroethene	ND		5.0	0.42	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Vinyl chloride	ND		5.0	0.39	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Xylenes, Total	ND		9.9	0.67	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
Methyl tert-butyl ether	ND		20	0.43	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1
n-Hexane	**1.9**	J	5.0	1.2	ug/Kg	☼	10/11/12 19:00	10/24/12 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*		*52 - 136*	*10/11/12 19:00*	*10/24/12 02:41*	*1*
Dibromofluoromethane (Surr)	*70*		*37 - 132*	*10/11/12 19:00*	*10/24/12 02:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*58 - 123*	*10/11/12 19:00*	*10/24/12 02:41*	*1*
Toluene-d8 (Surr)	*85*		*67 - 125*	*10/11/12 19:00*	*10/24/12 02:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Acenaphthylene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Anthracene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Benzo[a]anthracene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Benzo-a-pyrene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Benzo[b]fluoranthene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: DUP-02/101012
Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-17
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Benzo[k]fluoranthene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Bis(2-chloroethoxy)methane	ND		6200	1400	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Bis(2-chloroethyl)ether	ND		6200	120	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Bis(2-ethylhexyl) phthalate	ND		3100	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
4-Bromophenyl phenyl ether	ND		3100	800	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Butyl benzyl phthalate	ND		3100	620	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
4-Chloroaniline	ND		9200	1000	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
4-Chloro-3-methylphenol	ND		9200	1300	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2-Chloronaphthalene	ND		3100	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2-Chlorophenol	ND		3100	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
4-Chlorophenyl phenyl ether	ND		3100	800	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Chrysene	ND		410	68	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Dibenz(a,h)anthracene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Dibenzofuran	ND		3100	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
1,2-Dichlorobenzene	ND		3100	600	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
1,3-Dichlorobenzene	ND		3100	680	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
1,4-Dichlorobenzene	ND		3100	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
3,3'-Dichlorobenzidine	ND		6200	1100	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2,4-Dichlorophenol	ND		9200	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Diethyl phthalate	ND		3100	990	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2,4-Dimethylphenol	ND		9200	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Dimethyl phthalate	ND		3100	1000	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Di-n-butyl phthalate	ND		3100	920	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
4,6-Dinitro-2-methylphenol	ND		9200	4900	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2,4-Dinitrophenol	ND		20000	4900	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2,4-Dinitrotoluene	ND		12000	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2,6-Dinitrotoluene	ND		12000	1300	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Di-n-octyl phthalate	ND		3100	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Fluoranthene	230	J	410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Fluorene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Hexachlorobenzene	ND		410	130	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Hexachlorobutadiene	ND		3100	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Hexachlorocyclopentadiene	ND		20000	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Hexachloroethane	ND		3100	550	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Indeno[1,2,3-cd]pyrene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Isophorone	ND		3100	800	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2-Methylnaphthalene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2-Methylphenol	ND		12000	4900	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
3 & 4 Methylphenol	ND		25000	1200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Naphthalene	ND		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2-Nitroaniline	ND		12000	560	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
3-Nitroaniline	ND		12000	990	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
4-Nitroaniline	ND		12000	1600	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Nitrobenzene	ND		6200	140	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2-Nitrophenol	ND		3100	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
4-Nitrophenol	ND		20000	4900	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
N-Nitrosodi-n-propylamine	ND		3100	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
N-Nitrosodiphenylamine	ND		3100	1300	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2,2'-oxybis[1-chloropropane]	ND		6200	590	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Pentachlorophenol	ND		9200	4900	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: DUP-02/101012

Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-17

Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	240	J	410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Phenol	ND		3100	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
Pyrene	420		410	200	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
1,2,4-Trichlorobenzene	ND		3100	1700	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2,4,5-Trichlorophenol	ND		9200	1500	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50
2,4,6-Trichlorophenol	ND		9200	4900	ug/Kg	☼	10/18/12 09:30	10/20/12 18:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*60*		*24 - 110*	*10/18/12 09:30*	*10/20/12 18:50*	*50*
2-Fluorophenol (Surr)	*57*		*24 - 110*	*10/18/12 09:30*	*10/20/12 18:50*	*50*
Nitrobenzene-d5 (Surr)	*48*		*20 - 110*	*10/18/12 09:30*	*10/20/12 18:50*	*50*
Phenol-d5 (Surr)	*57*		*26 - 110*	*10/18/12 09:30*	*10/20/12 18:50*	*50*
Terphenyl-d14 (Surr)	*76*		*36 - 110*	*10/18/12 09:30*	*10/20/12 18:50*	*50*
2,4,6-Tribromophenol (Surr)	*34*		*10 - 110*	*10/18/12 09:30*	*10/20/12 18:50*	*50*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	81	J	120	56	ug/Kg	☼		10/16/12 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*66*		*10 - 150*		*10/16/12 16:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		2100	1100	mg/Kg	☼	10/18/12 09:36	10/22/12 12:42	100
Oil Range Organics (C20-C34)	6400		2100	1100	mg/Kg	☼	10/18/12 09:36	10/22/12 12:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*41*		*10 - 110*	*10/18/12 09:36*	*10/22/12 12:42*	*100*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	84	B	23	0.082	mg/Kg	☼	10/12/12 11:36	10/15/12 21:20	1
Cadmium	0.047	J	0.23	0.042	mg/Kg	☼	10/12/12 11:36	10/15/12 21:20	1
Chromium	18		0.58	0.23	mg/Kg	☼	10/12/12 11:36	10/15/12 21:20	1
Silver	ND		0.58	0.12	mg/Kg	☼	10/12/12 11:36	10/15/12 21:20	1
Arsenic	2.5		1.2	0.35	mg/Kg	☼	10/12/12 11:36	10/15/12 21:20	1
Lead	16		0.35	0.22	mg/Kg	☼	10/12/12 11:36	10/15/12 21:20	1
Selenium	ND		0.58	0.52	mg/Kg	☼	10/12/12 11:36	10/16/12 16:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.019	mg/Kg	☼	10/12/12 14:20	10/15/12 13:36	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: DUP-03/101012

Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-18
Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	22	*	19	5.9	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Benzene	ND		4.7	0.21	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Bromodichloromethane	ND		4.7	0.26	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Bromoform	ND		4.7	0.31	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Bromomethane	ND		4.7	0.50	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
2-Butanone (MEK)	4.6	J	19	1.3	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Carbon disulfide	ND		4.7	0.41	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Carbon tetrachloride	ND		4.7	0.35	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Chlorobenzene	ND		4.7	0.31	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Chloroethane	ND		4.7	0.80	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Chloroform	ND		4.7	0.27	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Chloromethane	ND		4.7	0.38	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
cis-1,2-Dichloroethene	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
cis-1,3-Dichloropropene	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Dibromochloromethane	ND		4.7	0.51	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
1,1-Dichloroethane	ND		4.7	0.34	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
1,2-Dichloroethane	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
1,1-Dichloroethene	ND		4.7	0.49	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
1,2-Dichloropropane	ND		4.7	0.64	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Ethylbenzene	ND		4.7	0.24	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
2-Hexanone	ND		19	0.59	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Methylene chloride	5.7	B	4.7	0.62	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
4-Methyl-2-pentanone (MIBK)	ND		19	0.50	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Styrene	ND		4.7	0.14	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.32	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Tetrachloroethene	ND		4.7	0.49	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Toluene	ND		4.7	0.25	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
trans-1,2-Dichloroethene	ND		4.7	0.38	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
trans-1,3-Dichloropropene	ND		4.7	0.50	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
1,1,1-Trichloroethane	ND		4.7	0.52	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
1,1,2-Trichloroethane	ND		4.7	0.36	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Trichloroethene	ND		4.7	0.39	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Vinyl chloride	ND		4.7	0.36	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Xylenes, Total	ND		9.3	0.62	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
Methyl tert-butyl ether	ND		19	0.40	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1
n-Hexane	ND		4.7	1.1	ug/Kg	☼	10/11/12 19:00	10/24/12 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*52 - 136*	*10/11/12 19:00*	*10/24/12 02:19*	*1*
Dibromofluoromethane (Surr)	*71*		*37 - 132*	*10/11/12 19:00*	*10/24/12 02:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*78*		*58 - 123*	*10/11/12 19:00*	*10/24/12 02:19*	*1*
Toluene-d8 (Surr)	*85*		*67 - 125*	*10/11/12 19:00*	*10/24/12 02:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	50	J	79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Acenaphthylene	ND		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Anthracene	ND		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Benzo[a]anthracene	69	J	79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Benzo-a-pyrene	150		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Benzo[b]fluoranthene	73	J	79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10

Client Sample ID: DUP-03/101012 — **Lab Sample ID: 240-16213-18**

Date Collected: 10/10/12 00:00 — **Matrix: Solid**

Date Received: 10/11/12 07:15 — **Percent Solids: 84.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[ghi]perylene	ND		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Benzo[k]fluoranthene	ND		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Bis(2-chloroethoxy)methane	ND		1200	260	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Bis(2-chloroethyl)ether	ND		1200	24	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Bis(2-ethylhexyl) phthalate	ND		600	230	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
4-Bromophenyl phenyl ether	ND		600	150	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Butyl benzyl phthalate	ND		600	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
4-Chloroaniline	ND		1800	200	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
4-Chloro-3-methylphenol	ND		1800	250	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2-Chloronaphthalene	ND		600	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2-Chlorophenol	ND		600	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
4-Chlorophenyl phenyl ether	ND		600	150	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Chrysene	**110**		79	13	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Dibenz(a,h)anthracene	ND		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Dibenzofuran	**170**	**J**	600	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
1,2-Dichlorobenzene	ND		600	120	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
1,3-Dichlorobenzene	ND		600	130	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
1,4-Dichlorobenzene	ND		600	240	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
3,3'-Dichlorobenzidine	ND		1200	210	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2,4-Dichlorophenol	ND		1800	240	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Diethyl phthalate	ND		600	190	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2,4-Dimethylphenol	ND		1800	240	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Dimethyl phthalate	ND		600	200	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Di-n-butyl phthalate	ND		600	180	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
4,6-Dinitro-2-methylphenol	ND		1800	950	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2,4-Dinitrophenol	ND		3900	950	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2,4-Dinitrotoluene	ND		2400	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2,6-Dinitrotoluene	ND		2400	250	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Di-n-octyl phthalate	ND		600	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Fluoranthene	**120**		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Fluorene	ND		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Hexachlorobenzene	ND		79	25	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Hexachlorobutadiene	ND		600	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Hexachlorocyclopentadiene	ND		3900	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Hexachloroethane	ND		600	110	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Indeno[1,2,3-cd]pyrene	ND		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Isophorone	ND		600	150	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2-Methylnaphthalene	**920**		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2-Methylphenol	ND		2400	950	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
3 & 4 Methylphenol	ND		4800	240	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Naphthalene	**620**		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2-Nitroaniline	ND		2400	110	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
3-Nitroaniline	ND		2400	190	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
4-Nitroaniline	ND		2400	310	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Nitrobenzene	ND		1200	26	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2-Nitrophenol	ND		600	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
4-Nitrophenol	ND		3900	950	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
N-Nitrosodi-n-propylamine	ND		600	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
N-Nitrosodiphenylamine	ND		600	250	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2,2'-oxybis[1-chloropropane]	ND		1200	110	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Pentachlorophenol	ND		1800	950	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: DUP-03/101012

Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-18

Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	350		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Phenol	ND		600	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
Pyrene	140		79	39	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
1,2,4-Trichlorobenzene	ND		600	320	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2,4,5-Trichlorophenol	ND		1800	300	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10
2,4,6-Trichlorophenol	ND		1800	950	ug/Kg	☼	10/18/12 09:30	10/20/12 17:49	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*64*		*24 - 110*	*10/18/12 09:30*	*10/20/12 17:49*	*10*
2-Fluorophenol (Surr)	*58*		*24 - 110*	*10/18/12 09:30*	*10/20/12 17:49*	*10*
Nitrobenzene-d5 (Surr)	*50*		*20 - 110*	*10/18/12 09:30*	*10/20/12 17:49*	*10*
Phenol-d5 (Surr)	*60*		*26 - 110*	*10/18/12 09:30*	*10/20/12 17:49*	*10*
Terphenyl-d14 (Surr)	*78*		*36 - 110*	*10/18/12 09:30*	*10/20/12 17:49*	*10*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 110*	*10/18/12 09:30*	*10/20/12 17:49*	*10*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	58	J	120	54	ug/Kg	☼		10/16/12 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*80*		*10 - 150*		*10/16/12 03:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		200	110	mg/Kg	☼	10/18/12 09:36	10/24/12 18:08	10
Oil Range Organics (C20-C34)	970		200	110	mg/Kg	☼	10/18/12 09:36	10/24/12 18:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*40*		*10 - 110*	*10/18/12 09:36*	*10/24/12 18:08*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		39	25	ug/Kg	☼	10/18/12 09:42	10/22/12 11:34	1
Aroclor 1221	ND		39	19	ug/Kg	☼	10/18/12 09:42	10/22/12 11:34	1
Aroclor 1232	ND		39	16	ug/Kg	☼	10/18/12 09:42	10/22/12 11:34	1
Aroclor 1242	ND		39	15	ug/Kg	☼	10/18/12 09:42	10/22/12 11:34	1
Aroclor 1248	ND		39	20	ug/Kg	☼	10/18/12 09:42	10/22/12 11:34	1
Aroclor 1254	ND		39	20	ug/Kg	☼	10/18/12 09:42	10/22/12 11:34	1
Aroclor 1260	ND		39	20	ug/Kg	☼	10/18/12 09:42	10/22/12 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*29 - 151*	*10/18/12 09:42*	*10/22/12 11:34*	*1*
DCB Decachlorobiphenyl	*64*		*14 - 163*	*10/18/12 09:42*	*10/22/12 11:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	210	B	23	0.082	mg/Kg	☼	10/12/12 11:36	10/15/12 21:26	1
Cadmium	0.15	J	0.23	0.042	mg/Kg	☼	10/12/12 11:36	10/15/12 21:26	1
Chromium	380		0.58	0.23	mg/Kg	☼	10/12/12 11:36	10/15/12 21:26	1
Silver	ND		0.58	0.12	mg/Kg	☼	10/12/12 11:36	10/15/12 21:26	1
Arsenic	7.8		1.2	0.35	mg/Kg	☼	10/12/12 11:36	10/15/12 21:26	1
Lead	19		0.35	0.22	mg/Kg	☼	10/12/12 11:36	10/15/12 21:26	1
Selenium	1.2		0.58	0.52	mg/Kg	☼	10/12/12 11:36	10/17/12 05:31	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: DUP-03/101012
Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-18
Matrix: Solid
Percent Solids: 84.8

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	J	0.12	0.018	mg/Kg	☼	10/12/12 14:20	10/15/12 13:39	1

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: TB-07/101012

Lab Sample ID: 240-16213-19

Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

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			10/17/12 20:09	1
Benzene	ND		1.0	0.13	ug/L			10/17/12 20:09	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/17/12 20:09	1
Bromoform	ND		1.0	0.64	ug/L			10/17/12 20:09	1
Bromomethane	ND		1.0	0.41	ug/L			10/17/12 20:09	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/17/12 20:09	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/17/12 20:09	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/17/12 20:09	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/17/12 20:09	1
Chloroethane	ND		1.0	0.29	ug/L			10/17/12 20:09	1
Chloroform	ND		1.0	0.16	ug/L			10/17/12 20:09	1
Chloromethane	ND		1.0	0.30	ug/L			10/17/12 20:09	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/17/12 20:09	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/17/12 20:09	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/17/12 20:09	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/17/12 20:09	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/17/12 20:09	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 20:09	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/17/12 20:09	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/17/12 20:09	1
2-Hexanone	ND		10	0.41	ug/L			10/17/12 20:09	1
Methylene Chloride	ND		1.0	0.33	ug/L			10/17/12 20:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/17/12 20:09	1
Styrene	ND		1.0	0.11	ug/L			10/17/12 20:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/17/12 20:09	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/17/12 20:09	1
Toluene	ND		1.0	0.13	ug/L			10/17/12 20:09	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 20:09	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/17/12 20:09	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/17/12 20:09	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/17/12 20:09	1
Trichloroethene	ND		1.0	0.17	ug/L			10/17/12 20:09	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/17/12 20:09	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/17/12 20:09	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/17/12 20:09	1
n-Hexane	ND		1.0	0.26	ug/L			10/17/12 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*66 - 117*		*10/17/12 20:09*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 121*		*10/17/12 20:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 129*		*10/17/12 20:09*	*1*
Toluene-d8 (Surr)	*98*		*74 - 115*		*10/17/12 20:09*	*1*

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: TB-08/101012
Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

Lab Sample ID: 240-16213-20
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			10/17/12 20:31	1
Benzene	ND		1.0	0.13	ug/L			10/17/12 20:31	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/17/12 20:31	1
Bromoform	ND		1.0	0.64	ug/L			10/17/12 20:31	1
Bromomethane	ND		1.0	0.41	ug/L			10/17/12 20:31	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/17/12 20:31	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/17/12 20:31	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/17/12 20:31	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/17/12 20:31	1
Chloroethane	ND		1.0	0.29	ug/L			10/17/12 20:31	1
Chloroform	ND		1.0	0.16	ug/L			10/17/12 20:31	1
Chloromethane	ND		1.0	0.30	ug/L			10/17/12 20:31	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/17/12 20:31	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/17/12 20:31	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/17/12 20:31	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/17/12 20:31	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/17/12 20:31	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 20:31	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/17/12 20:31	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/17/12 20:31	1
2-Hexanone	ND		10	0.41	ug/L			10/17/12 20:31	1
Methylene Chloride	ND		1.0	0.33	ug/L			10/17/12 20:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/17/12 20:31	1
Styrene	ND		1.0	0.11	ug/L			10/17/12 20:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/17/12 20:31	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/17/12 20:31	1
Toluene	ND		1.0	0.13	ug/L			10/17/12 20:31	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 20:31	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/17/12 20:31	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/17/12 20:31	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/17/12 20:31	1
Trichloroethene	ND		1.0	0.17	ug/L			10/17/12 20:31	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/17/12 20:31	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/17/12 20:31	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/17/12 20:31	1
n-Hexane	ND		1.0	0.26	ug/L			10/17/12 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*66 - 117*		*10/17/12 20:31*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 121*		*10/17/12 20:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 129*		*10/17/12 20:31*	*1*
Toluene-d8 (Surr)	*95*		*74 - 115*		*10/17/12 20:31*	*1*

Client Sample Results

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: TB-09/101012

Lab Sample ID: 240-16213-21

Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

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			10/17/12 20:52	1
Benzene	ND		1.0	0.13	ug/L			10/17/12 20:52	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/17/12 20:52	1
Bromoform	ND		1.0	0.64	ug/L			10/17/12 20:52	1
Bromomethane	ND		1.0	0.41	ug/L			10/17/12 20:52	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/17/12 20:52	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/17/12 20:52	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/17/12 20:52	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/17/12 20:52	1
Chloroethane	ND		1.0	0.29	ug/L			10/17/12 20:52	1
Chloroform	ND		1.0	0.16	ug/L			10/17/12 20:52	1
Chloromethane	ND		1.0	0.30	ug/L			10/17/12 20:52	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/17/12 20:52	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/17/12 20:52	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/17/12 20:52	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/17/12 20:52	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/17/12 20:52	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 20:52	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/17/12 20:52	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/17/12 20:52	1
2-Hexanone	ND		10	0.41	ug/L			10/17/12 20:52	1
Methylene Chloride	ND		1.0	0.33	ug/L			10/17/12 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/17/12 20:52	1
Styrene	ND		1.0	0.11	ug/L			10/17/12 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/17/12 20:52	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/17/12 20:52	1
Toluene	ND		1.0	0.13	ug/L			10/17/12 20:52	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 20:52	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/17/12 20:52	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/17/12 20:52	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/17/12 20:52	1
Trichloroethene	ND		1.0	0.17	ug/L			10/17/12 20:52	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/17/12 20:52	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/17/12 20:52	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/17/12 20:52	1
n-Hexane	ND		1.0	0.26	ug/L			10/17/12 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*66 - 117*		*10/17/12 20:52*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 121*		*10/17/12 20:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 129*		*10/17/12 20:52*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*10/17/12 20:52*	*1*

Surrogate Summary

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

TestAmerica Job ID: 240-16213-1

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	(52-136)	(37-132)	(58-123)	(67-125)
240-16213-1	IA07/B-01/1-3	60	72	81	90
240-16213-2	IA07/B-01/16-18	73	68	78	79
240-16213-2 MS	IA07/B-01/16-18	78	73	81	86
240-16213-2 MSD	IA07/B-01/16-18	77	75	83	87
240-16213-3	STRAT-05/2-4	87	84	93	95
240-16213-4	IA07/B-02/6-8	80	72	81	85
240-16213-5	IA04/B-03/3-5	80	73	84	80
240-16213-6	IA04/B-06/2-4	86	79	88	92
240-16213-7	IA04/B-04/3-5	86	79	88	93
240-16213-8	IA05/B-04/2-4	80	74	88	83
240-16213-9	IA05/B-01/2-4	84	82	94	91
240-16213-10	IA05/B-01/10-12	86	80	89	91
240-16213-11	IA05/B-02/4-6	85	79	93	91
240-16213-12	IA05/B-02/12-4	79	76	80	90
240-16213-13	IA05/B-03/6-8	81	78	86	89
240-16213-13 MS	IA05/B-03/6-8	88	85	94	94
240-16213-13 MSD	IA05/B-03/6-8	81	83	84	100
240-16213-14	IA05/B-03/16-18	83	79	87	88
240-16213-17	DUP-02/101012	68	70	79	85
240-16213-18	DUP-03/101012	73	71	78	85
LCS 240-62098/7	Lab Control Sample	82	80	89	85
LCS 240-62322/5	Lab Control Sample	96	89	93	97
LCS 240-62483/5	Lab Control Sample	90	82	88	89
MB 240-62098/6	Method Blank	80	74	84	84
MB 240-62322/6	Method Blank	90	83	95	93
MB 240-62483/6	Method Blank	89	80	90	89

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(66-117)	(75-121)	(63-129)	(74-115)
240-16213-15	RIN-02/101012	77	93	98	97
240-16213-16	RIN-03/101012	76	93	97	95
240-16213-19	TB-07/101012	78	93	99	98
240-16213-20	TB-08/101012	79	93	98	95
240-16213-21	TB-09/101012	76	93	98	96
LCS 240-61669/4	Lab Control Sample	92	90	97	97
MB 240-61669/5	Method Blank	81	90	92	95

Surrogate Legend

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

Surrogate Summary

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

TestAmerica Job ID: 240-16213-1

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	(24-110)	(24-110)	(20-110)	(26-110)	(36-110)	(10-110)
240-16213-1	IA07/B-01/1-3	120 X	114 X	116 X	127 X	135 X	95
240-16213-2	IA07/B-01/16-18	58	53	47	51	74	33
240-16213-2 MS	IA07/B-01/16-18	164 X	140 X	137 X	145 X	182 X	112 X
240-16213-2 MSD	IA07/B-01/16-18	146 X	136 X	128 X	143 X	0 X	105
240-16213-3	STRAT-05/2-4	0 X	0 X	0 X	0 X	0 X	0 X
240-16213-4	IA07/B-02/6-8	66	66	59	65	85	59
240-16213-5	IA04/B-03/3-5	54	54	50	54	68	54
240-16213-6	IA04/B-06/2-4	56	53	51	54	71	36
240-16213-7	IA04/B-04/3-5	53	53	48	53	68	41
240-16213-8	IA05/B-04/2-4	59	60	54	59	75	61
240-16213-9	IA05/B-01/2-4	64	54	53	57	75	53
240-16213-10	IA05/B-01/10-12	62	62	57	62	75	51
240-16213-11	IA05/B-02/4-6	59	57	52	57	66	44
240-16213-12	IA05/B-02/12-4	54	51	49	53	63	37
240-16213-13	IA05/B-03/6-8	53	53	48	53	65	56
240-16213-13 - RE	IA05/B-03/6-8	69	77	68	83	75	63
240-16213-13 MS	IA05/B-03/6-8	70	64	61	68	79	81
240-16213-13 MS - RE	IA05/B-03/6-8	76	81	75	87	70	76
240-16213-13 MSD	IA05/B-03/6-8	65	60	56	61	77	76
240-16213-13 MSD - RE	IA05/B-03/6-8	67	67	63	78	63	60
240-16213-14	IA05/B-03/16-18	54	52	49	52	69	38
240-16213-17	DUP-02/101012	60	57	48	57	76	34
240-16213-18	DUP-03/101012	64	58	50	60	78	54
LCS 240-61797/24-A	Lab Control Sample	64	64	58	63	77	65
LCS 240-63002/8-A	Lab Control Sample	60	66	60	69	75	60
MB 240-61797/23-A	Method Blank	48	44	43	45	57	37
MB 240-63002/7-A	Method Blank	59	66	60	67	69	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: 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)
240-16213-15	RIN-02/101012	66	68	66	69	77	68
240-16213-16	RIN-03/101012	68	70	68	71	80	68
LCS 240-61305/22-A	Lab Control Sample	75	77	74	76	80	79
MB 240-61305/21-A	Method Blank	70	73	70	74	83	62

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

Surrogate Summary

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

TestAmerica Job ID: 240-16213-1

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

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

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

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TFT2 (10-150)						
240-16213-1	IA07/B-01/1-3	48						
240-16213-2	IA07/B-01/16-18	56						
240-16213-2 MS	IA07/B-01/16-18	65						
240-16213-2 MSD	IA07/B-01/16-18	77						
240-16213-3	STRAT-05/2-4	88						
240-16213-4	IA07/B-02/6-8	90						
240-16213-5	IA04/B-03/3-5	109						
240-16213-6	IA04/B-06/2-4	70						
240-16213-7	IA04/B-04/3-5	85						
240-16213-8	IA05/B-04/2-4	82						
240-16213-9	IA05/B-01/2-4	79						
240-16213-10	IA05/B-01/10-12	87						
240-16213-11	IA05/B-02/4-6	74						
240-16213-12	IA05/B-02/12-4	82						
240-16213-13	IA05/B-03/6-8	77						
240-16213-13 MS	IA05/B-03/6-8	81						
240-16213-13 MSD	IA05/B-03/6-8	76						
240-16213-14	IA05/B-03/16-18	87						
240-16213-17	DUP-02/101012	66						
240-16213-18	DUP-03/101012	80						
LCS 240-61307/8	Lab Control Sample	97						
LCS 240-61484/7	Lab Control Sample	87						
MB 240-61307/7	Method Blank	94						
MB 240-61484/6	Method Blank	72						

Surrogate Legend

TFT = Trifluorotoluene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	C91 (10-110)						
240-16213-1	IA07/B-01/1-3	44						
240-16213-2	IA07/B-01/16-18	45						
240-16213-2 MS	IA07/B-01/16-18	45						
240-16213-2 MSD	IA07/B-01/16-18	41						
240-16213-3	STRAT-05/2-4	53						
240-16213-4	IA07/B-02/6-8	46						
240-16213-5	IA04/B-03/3-5	43						
240-16213-6	IA04/B-06/2-4	35						
240-16213-7	IA04/B-04/3-5	43						
240-16213-8	IA05/B-04/2-4	46						
240-16213-9	IA05/B-01/2-4	43						

Surrogate Summary

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

TestAmerica Job ID: 240-16213-1

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

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

Lab Sample ID	Client Sample ID	C91 (10-110)
240-16213-10	IA05/B-01/10-12	43
240-16213-11	IA05/B-02/4-6	40
240-16213-12	IA05/B-02/12-4	49
240-16213-13	IA05/B-03/6-8	51
240-16213-13 MS	IA05/B-03/6-8	38
240-16213-13 MSD	IA05/B-03/6-8	54
240-16213-14	IA05/B-03/16-18	46
240-16213-17	DUP-02/101012	41
240-16213-18	DUP-03/101012	40
LCS 240-61800/24-A	Lab Control Sample	45
MB 240-61800/23-A	Method Blank	47

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

C9 = n-Nonane

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

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

Lab Sample ID	Client Sample ID	TCX2 (29-151)	DCB2 (14-163)
240-16213-1	IA07/B-01/1-3	44	49
240-16213-3	STRAT-05/2-4	48	110
240-16213-4	IA07/B-02/6-8	64	65
240-16213-5	IA04/B-03/3-5	40	43
240-16213-6	IA04/B-06/2-4	47	42
240-16213-7	IA04/B-04/3-5	38	40
240-16213-8	IA05/B-04/2-4	66	64
240-16213-9	IA05/B-01/2-4	67	61
240-16213-11	IA05/B-02/4-6	60	57
240-16213-13	IA05/B-03/6-8	61	66
240-16213-13 MS	IA05/B-03/6-8	44	41
240-16213-13 MSD	IA05/B-03/6-8	61	61
240-16213-18	DUP-03/101012	70	64
LCS 240-61804/24-A	Lab Control Sample	69	73
LCS 240-62603/23-A	Lab Control Sample	97	78
MB 240-61804/23-A	Method Blank	89	75
MB 240-62603/24-A	Method Blank	189 X	87

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

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

Lab Sample ID	Client Sample ID	TCX2 (35-137)	DCB2 (10-140)
240-16213-16	RIN-03/101012	84	94
LCS 240-61331/7-A	Lab Control Sample	61	79

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Summary

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

TestAmerica Job ID: 240-16213-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	TCX2 (35-137)	DCB2 (10-140)							
MB 240-61331/6-A	Method Blank	89	93							

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 240-61669/5
Matrix: Water
Analysis Batch: 61669

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			10/17/12 13:48	1
Benzene	ND		1.0	0.13	ug/L			10/17/12 13:48	1
Bromoform	ND		1.0	0.64	ug/L			10/17/12 13:48	1
Bromomethane	ND		1.0	0.41	ug/L			10/17/12 13:48	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/17/12 13:48	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/17/12 13:48	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/17/12 13:48	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/17/12 13:48	1
Chloroethane	ND		1.0	0.29	ug/L			10/17/12 13:48	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/17/12 13:48	1
Chloroform	ND		1.0	0.16	ug/L			10/17/12 13:48	1
Chloromethane	ND		1.0	0.30	ug/L			10/17/12 13:48	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 13:48	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/17/12 13:48	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/17/12 13:48	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/17/12 13:48	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/17/12 13:48	1
2-Hexanone	ND		10	0.41	ug/L			10/17/12 13:48	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/17/12 13:48	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/17/12 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/17/12 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/17/12 13:48	1
Methylene Chloride	ND		1.0	0.33	ug/L			10/17/12 13:48	1
Styrene	ND		1.0	0.11	ug/L			10/17/12 13:48	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/17/12 13:48	1
Toluene	ND		1.0	0.13	ug/L			10/17/12 13:48	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/17/12 13:48	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/17/12 13:48	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/17/12 13:48	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/17/12 13:48	1
Trichloroethene	ND		1.0	0.17	ug/L			10/17/12 13:48	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/17/12 13:48	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/17/12 13:48	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/17/12 13:48	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/17/12 13:48	1
n-Hexane	ND		1.0	0.26	ug/L			10/17/12 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*66 - 117*		*10/17/12 13:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 129*		*10/17/12 13:48*	*1*
Toluene-d8 (Surr)	*95*		*74 - 115*		*10/17/12 13:48*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 121*		*10/17/12 13:48*	*1*

Lab Sample ID: LCS 240-61669/4
Matrix: Water
Analysis Batch: 61669

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	24.0		ug/L		120	43 - 136

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

Lab Sample ID: LCS 240-61669/4
Matrix: Water
Analysis Batch: 61669

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.85		ug/L		98	83 - 112
Bromoform	10.0	7.41		ug/L		74	40 - 131
Bromomethane	10.0	5.49		ug/L		55	11 - 185
Carbon disulfide	10.0	8.50		ug/L		85	62 - 142
Carbon tetrachloride	10.0	9.49		ug/L		95	66 - 128
Chlorobenzene	10.0	9.78		ug/L		98	85 - 110
1,1-Dichloroethane	10.0	10.1		ug/L		101	82 - 115
Chloroethane	10.0	6.64		ug/L		66	25 - 153
1,2-Dichloroethane	10.0	10.2		ug/L		102	71 - 127
Chloroform	10.0	9.55		ug/L		96	79 - 117
Chloromethane	10.0	8.22		ug/L		82	44 - 126
1,1-Dichloroethene	10.0	9.41		ug/L		94	78 - 131
cis-1,2-Dichloroethene	10.0	9.49		ug/L		95	80 - 113
1,2-Dichloropropane	10.0	10.7		ug/L		107	81 - 115
cis-1,3-Dichloropropene	10.0	9.69		ug/L		97	61 - 115
Bromodichloromethane	10.0	9.60		ug/L		96	72 - 121
2-Hexanone	20.0	21.8		ug/L		109	55 - 133
Ethylbenzene	10.0	9.75		ug/L		98	83 - 112
2-Butanone (MEK)	20.0	21.1		ug/L		105	60 - 126
4-Methyl-2-pentanone (MIBK)	20.0	22.4		ug/L		112	63 - 128
1,1,2,2-Tetrachloroethane	10.0	9.95		ug/L		99	68 - 118
Methylene Chloride	10.0	10.1		ug/L		101	66 - 131
Styrene	10.0	9.70		ug/L		97	79 - 114
Tetrachloroethene	10.0	9.29		ug/L		93	79 - 114
Toluene	10.0	9.87		ug/L		99	84 - 111
1,1,1-Trichloroethane	10.0	9.42		ug/L		94	74 - 118
trans-1,2-Dichloroethene	10.0	9.40		ug/L		94	83 - 117
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 112
trans-1,3-Dichloropropene	10.0	9.49		ug/L		95	58 - 117
Trichloroethene	10.0	9.38		ug/L		94	76 - 117
Vinyl chloride	10.0	7.83		ug/L		78	53 - 127
Methyl tert-butyl ether	10.0	9.27		ug/L		93	52 - 144
Xylenes, Total	30.0	29.1		ug/L		97	83 - 112
Dibromochloromethane	10.0	8.74		ug/L		87	64 - 119
n-Hexane	10.0	9.35		ug/L		94	66 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*66 - 117*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*90*		*75 - 121*

Lab Sample ID: 240-16213-2 MS
Matrix: Solid
Analysis Batch: 62098

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	22		55.0	74.4		ug/Kg	☼	96	24 - 140
Benzene	ND		27.5	23.4		ug/Kg	☼	85	53 - 118

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

Lab Sample ID: 240-16213-2 MS
Matrix: Solid
Analysis Batch: 62098

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	ND		27.5	22.8		ug/Kg	☼	83	35 - 132
Bromoform	ND		27.5	15.6		ug/Kg	☼	57	18 - 129
Bromomethane	ND		27.5	19.1		ug/Kg	☼	70	33 - 130
2-Butanone (MEK)	6.2	J B	55.0	58.2		ug/Kg	☼	95	30 - 143
Carbon disulfide	ND		27.5	20.1		ug/Kg	☼	73	20 - 151
Carbon tetrachloride	ND		27.5	18.5		ug/Kg	☼	67	32 - 137
Chlorobenzene	ND		27.5	21.7		ug/Kg	☼	79	37 - 116
Chloroethane	ND		27.5	21.6		ug/Kg	☼	79	45 - 118
Chloroform	ND		27.5	22.3		ug/Kg	☼	81	53 - 119
Chloromethane	ND		27.5	21.9		ug/Kg	☼	80	34 - 117
cis-1,2-Dichloroethene	ND		27.5	22.1		ug/Kg	☼	80	50 - 119
cis-1,3-Dichloropropene	ND		27.5	21.6		ug/Kg	☼	79	27 - 133
Dibromochloromethane	ND		27.5	20.6		ug/Kg	☼	75	29 - 135
1,1-Dichloroethane	ND		27.5	24.0		ug/Kg	☼	87	54 - 122
1,2-Dichloroethane	ND		27.5	25.4		ug/Kg	☼	92	49 - 123
1,1-Dichloroethene	ND		27.5	22.0		ug/Kg	☼	80	49 - 157
1,2-Dichloropropane	ND		27.5	24.4		ug/Kg	☼	89	61 - 117
Ethylbenzene	ND		27.5	22.0		ug/Kg	☼	80	30 - 131
2-Hexanone	ND		55.0	45.5		ug/Kg	☼	83	37 - 147
Methylene chloride	ND		27.5	17.8		ug/Kg	☼	65	54 - 115
4-Methyl-2-pentanone (MIBK)	ND		55.0	46.9		ug/Kg	☼	85	43 - 147
Styrene	ND		27.5	22.0		ug/Kg	☼	80	27 - 127
1,1,2,2-Tetrachloroethane	ND		27.5	30.2		ug/Kg	☼	110	16 - 179
Tetrachloroethene	ND		27.5	22.4		ug/Kg	☼	82	31 - 135
Toluene	ND		27.5	23.4		ug/Kg	☼	85	39 - 129
trans-1,2-Dichloroethene	ND		27.5	22.1		ug/Kg	☼	80	50 - 123
trans-1,3-Dichloropropene	ND		27.5	20.6		ug/Kg	☼	75	28 - 137
1,1,1-Trichloroethane	ND		27.5	20.9		ug/Kg	☼	76	51 - 128
1,1,2-Trichloroethane	ND		27.5	25.0		ug/Kg	☼	91	10 - 166
Trichloroethene	ND		27.5	22.8		ug/Kg	☼	83	10 - 177
Vinyl chloride	ND		27.5	21.8		ug/Kg	☼	79	42 - 117
Xylenes, Total	ND		82.5	65.7		ug/Kg	☼	80	30 - 131
Methyl tert-butyl ether	ND		27.5	22.0		ug/Kg	☼	80	51 - 157
n-Hexane	ND		27.5	21.5		ug/Kg	☼	78	26 - 151

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*78*		*52 - 136*
Dibromofluoromethane (Surr)	*73*		*37 - 132*
1,2-Dichloroethane-d4 (Surr)	*81*		*58 - 123*
Toluene-d8 (Surr)	*86*		*67 - 125*

Lab Sample ID: 240-16213-2 MSD
Matrix: Solid
Analysis Batch: 62098

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61830

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	22		48.1	67.3		ug/Kg	☼	95	24 - 140	10	30
Benzene	ND		24.0	19.1		ug/Kg	☼	79	53 - 118	20	30
Bromodichloromethane	ND		24.0	18.9		ug/Kg	☼	79	35 - 132	18	30

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

Lab Sample ID: 240-16213-2 MSD — **Client Sample ID: IA07/B-01/16-18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62098 — **Prep Batch: 61830**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	ND		24.0	13.3		ug/Kg	☼	55	18 - 129	16	30
Bromomethane	ND		24.0	15.8		ug/Kg	☼	66	33 - 130	19	30
2-Butanone (MEK)	6.2	J B	48.1	51.8		ug/Kg	☼	95	30 - 143	12	30
Carbon disulfide	ND		24.0	16.3		ug/Kg	☼	68	20 - 151	21	30
Carbon tetrachloride	ND		24.0	15.4		ug/Kg	☼	64	32 - 137	18	30
Chlorobenzene	ND		24.0	17.8		ug/Kg	☼	74	37 - 116	20	30
Chloroethane	ND		24.0	18.9		ug/Kg	☼	79	45 - 118	14	30
Chloroform	ND		24.0	18.3		ug/Kg	☼	76	53 - 119	19	30
Chloromethane	ND		24.0	18.3		ug/Kg	☼	76	34 - 117	18	30
cis-1,2-Dichloroethene	ND		24.0	18.2		ug/Kg	☼	76	50 - 119	19	30
cis-1,3-Dichloropropene	ND		24.0	17.5		ug/Kg	☼	73	27 - 133	21	30
Dibromochloromethane	ND		24.0	17.2		ug/Kg	☼	72	29 - 135	18	30
1,1-Dichloroethane	ND		24.0	19.5		ug/Kg	☼	81	54 - 122	21	30
1,2-Dichloroethane	ND		24.0	20.5		ug/Kg	☼	85	49 - 123	21	30
1,1-Dichloroethene	ND		24.0	18.1		ug/Kg	☼	75	49 - 157	20	30
1,2-Dichloropropane	ND		24.0	19.5		ug/Kg	☼	81	61 - 117	22	30
Ethylbenzene	ND		24.0	17.6		ug/Kg	☼	73	30 - 131	22	30
2-Hexanone	ND		48.1	44.0		ug/Kg	☼	92	37 - 147	3	30
Methylene chloride	ND		24.0	13.9		ug/Kg	☼	58	54 - 115	25	30
4-Methyl-2-pentanone (MIBK)	ND		48.1	41.9		ug/Kg	☼	87	43 - 147	11	30
Styrene	ND		24.0	17.7		ug/Kg	☼	74	27 - 127	22	30
1,1,2,2-Tetrachloroethane	ND		24.0	30.0		ug/Kg	☼	125	16 - 179	1	30
Tetrachloroethene	ND		24.0	17.8		ug/Kg	☼	74	31 - 135	23	30
Toluene	ND		24.0	18.9		ug/Kg	☼	79	39 - 129	21	30
trans-1,2-Dichloroethene	ND		24.0	18.0		ug/Kg	☼	75	50 - 123	20	30
trans-1,3-Dichloropropene	ND		24.0	17.2		ug/Kg	☼	72	28 - 137	18	30
1,1,1-Trichloroethane	ND		24.0	17.6		ug/Kg	☼	73	51 - 128	17	30
1,1,2-Trichloroethane	ND		24.0	21.2		ug/Kg	☼	88	10 - 166	17	30
Trichloroethene	ND		24.0	18.6		ug/Kg	☼	77	10 - 177	21	30
Vinyl chloride	ND		24.0	17.4		ug/Kg	☼	72	42 - 117	22	30
Xylenes, Total	ND		72.1	53.7		ug/Kg	☼	74	30 - 131	20	30
Methyl tert-butyl ether	ND		24.0	19.0		ug/Kg	☼	79	51 - 157	15	30
n-Hexane	ND		24.0	15.9		ug/Kg	☼	66	26 - 151	30	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*77*		*52 - 136*
Dibromofluoromethane (Surr)	*75*		*37 - 132*
1,2-Dichloroethane-d4 (Surr)	*83*		*58 - 123*
Toluene-d8 (Surr)	*87*		*67 - 125*

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62322 — **Prep Batch: 61830**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	23		49.2	80.6		ug/Kg	☼	117	24 - 140
Benzene	ND		24.6	20.2		ug/Kg	☼	82	53 - 118
Bromodichloromethane	ND		24.6	21.2		ug/Kg	☼	86	35 - 132
Bromoform	ND		24.6	17.8		ug/Kg	☼	72	18 - 129

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

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62322 — **Prep Batch: 61830**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	ND		24.6	16.6		ug/Kg	☼	67	33 - 130
2-Butanone (MEK)	4.5	J B	49.2	52.9		ug/Kg	☼	98	30 - 143
Carbon disulfide	ND		24.6	19.0		ug/Kg	☼	77	20 - 151
Carbon tetrachloride	ND		24.6	21.9		ug/Kg	☼	89	32 - 137
Chlorobenzene	ND		24.6	18.9		ug/Kg	☼	77	37 - 116
Chloroethane	ND		24.6	19.8		ug/Kg	☼	80	45 - 118
Chloroform	ND		24.6	19.7		ug/Kg	☼	80	53 - 119
Chloromethane	ND		24.6	20.5		ug/Kg	☼	83	34 - 117
cis-1,2-Dichloroethene	ND		24.6	19.4		ug/Kg	☼	79	50 - 119
cis-1,3-Dichloropropene	ND		24.6	20.0		ug/Kg	☼	81	27 - 133
Dibromochloromethane	ND		24.6	21.6		ug/Kg	☼	88	29 - 135
1,1-Dichloroethane	ND		24.6	20.8		ug/Kg	☼	85	54 - 122
1,2-Dichloroethane	ND		24.6	22.7		ug/Kg	☼	92	49 - 123
1,1-Dichloroethene	ND		24.6	19.8		ug/Kg	☼	81	49 - 157
1,2-Dichloropropane	ND		24.6	21.1		ug/Kg	☼	86	61 - 117
Ethylbenzene	ND		24.6	19.7		ug/Kg	☼	80	30 - 131
2-Hexanone	ND		49.2	40.2		ug/Kg	☼	82	37 - 147
Methylene chloride	ND		24.6	15.7		ug/Kg	☼	64	54 - 115
4-Methyl-2-pentanone (MIBK)	ND		49.2	41.2		ug/Kg	☼	84	43 - 147
Styrene	ND		24.6	19.5		ug/Kg	☼	79	27 - 127
1,1,2,2-Tetrachloroethane	ND		24.6	23.1		ug/Kg	☼	94	16 - 179
Tetrachloroethene	ND		24.6	21.5		ug/Kg	☼	87	31 - 135
Toluene	ND		24.6	20.6		ug/Kg	☼	84	39 - 129
trans-1,2-Dichloroethene	ND		24.6	19.7		ug/Kg	☼	80	50 - 123
trans-1,3-Dichloropropene	ND		24.6	20.5		ug/Kg	☼	83	28 - 137
1,1,1-Trichloroethane	ND		24.6	21.4		ug/Kg	☼	87	51 - 128
1,1,2-Trichloroethane	ND		24.6	22.6		ug/Kg	☼	92	10 - 166
Trichloroethene	ND		24.6	20.0		ug/Kg	☼	81	10 - 177
Vinyl chloride	ND		24.6	18.9		ug/Kg	☼	77	42 - 117
Xylenes, Total	ND		73.7	62.1		ug/Kg	☼	84	30 - 131
Methyl tert-butyl ether	ND		24.6	20.3		ug/Kg	☼	83	51 - 157
n-Hexane	ND		24.6	24.0		ug/Kg	☼	98	26 - 151

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*52 - 136*
Dibromofluoromethane (Surr)	*85*		*37 - 132*
1,2-Dichloroethane-d4 (Surr)	*94*		*58 - 123*
Toluene-d8 (Surr)	*94*		*67 - 125*

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62322 — **Prep Batch: 61830**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	23		48.7	70.6		ug/Kg	☼	98	24 - 140	13	30
Benzene	ND		24.3	21.8		ug/Kg	☼	90	53 - 118	8	30
Bromodichloromethane	ND		24.3	22.2		ug/Kg	☼	91	35 - 132	5	30
Bromoform	ND		24.3	16.4		ug/Kg	☼	67	18 - 129	8	30
Bromomethane	ND		24.3	16.5		ug/Kg	☼	68	33 - 130	1	30

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

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62322 — **Prep Batch: 61830**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	4.5	J B	48.7	45.2		ug/Kg	☼	84	30 - 143	16	30
Carbon disulfide	ND		24.3	21.6		ug/Kg	☼	89	20 - 151	13	30
Carbon tetrachloride	ND		24.3	23.0		ug/Kg	☼	95	32 - 137	5	30
Chlorobenzene	ND		24.3	21.2		ug/Kg	☼	87	37 - 116	12	30
Chloroethane	ND		24.3	21.3		ug/Kg	☼	87	45 - 118	7	30
Chloroform	ND		24.3	21.4		ug/Kg	☼	88	53 - 119	8	30
Chloromethane	ND		24.3	20.5		ug/Kg	☼	84	34 - 117	0	30
cis-1,2-Dichloroethene	ND		24.3	19.8		ug/Kg	☼	81	50 - 119	2	30
cis-1,3-Dichloropropene	ND		24.3	20.3		ug/Kg	☼	83	27 - 133	2	30
Dibromochloromethane	ND		24.3	21.6		ug/Kg	☼	89	29 - 135	0	30
1,1-Dichloroethane	ND		24.3	22.4		ug/Kg	☼	92	54 - 122	7	30
1,2-Dichloroethane	ND		24.3	22.2		ug/Kg	☼	91	49 - 123	2	30
1,1-Dichloroethene	ND		24.3	21.6		ug/Kg	☼	89	49 - 157	9	30
1,2-Dichloropropane	ND		24.3	21.7		ug/Kg	☼	89	61 - 117	3	30
Ethylbenzene	ND		24.3	22.2		ug/Kg	☼	91	30 - 131	12	30
2-Hexanone	ND		48.7	37.9		ug/Kg	☼	78	37 - 147	6	30
Methylene chloride	ND		24.3	15.6		ug/Kg	☼	64	54 - 115	0	30
4-Methyl-2-pentanone (MIBK)	ND		48.7	37.4		ug/Kg	☼	77	43 - 147	10	30
Styrene	ND		24.3	20.7		ug/Kg	☼	85	27 - 127	6	30
1,1,2,2-Tetrachloroethane	ND		24.3	25.5		ug/Kg	☼	105	16 - 179	10	30
Tetrachloroethene	ND		24.3	24.6		ug/Kg	☼	101	31 - 135	14	30
Toluene	ND		24.3	23.3		ug/Kg	☼	96	39 - 129	12	30
trans-1,2-Dichloroethene	ND		24.3	21.0		ug/Kg	☼	86	50 - 123	7	30
trans-1,3-Dichloropropene	ND		24.3	21.2		ug/Kg	☼	87	28 - 137	3	30
1,1,1-Trichloroethane	ND		24.3	22.9		ug/Kg	☼	94	51 - 128	7	30
1,1,2-Trichloroethane	ND		24.3	23.6		ug/Kg	☼	97	10 - 166	4	30
Trichloroethene	ND		24.3	21.8		ug/Kg	☼	90	10 - 177	9	30
Vinyl chloride	ND		24.3	18.5		ug/Kg	☼	76	42 - 117	2	30
Xylenes, Total	ND		73.0	69.2		ug/Kg	☼	95	30 - 131	11	30
Methyl tert-butyl ether	ND		24.3	19.2		ug/Kg	☼	79	51 - 157	6	30
n-Hexane	ND		24.3	26.3		ug/Kg	☼	108	26 - 151	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*81*		*52 - 136*
Dibromofluoromethane (Surr)	*83*		*37 - 132*
1,2-Dichloroethane-d4 (Surr)	*84*		*58 - 123*
Toluene-d8 (Surr)	*100*		*67 - 125*

Lab Sample ID: MB 240-62098/6 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62098

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.3	ug/Kg			10/19/12 23:14	1
Benzene	ND		5.0	0.23	ug/Kg			10/19/12 23:14	1
Bromoform	ND		5.0	0.33	ug/Kg			10/19/12 23:14	1
Bromomethane	ND		5.0	0.54	ug/Kg			10/19/12 23:14	1
Carbon disulfide	ND		5.0	0.44	ug/Kg			10/19/12 23:14	1
Carbon tetrachloride	ND		5.0	0.37	ug/Kg			10/19/12 23:14	1

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

Lab Sample ID: MB 240-62098/6
Matrix: Solid
Analysis Batch: 62098

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5.0	0.33	ug/Kg			10/19/12 23:14	1
1,1-Dichloroethane	ND		5.0	0.36	ug/Kg			10/19/12 23:14	1
Chloroethane	ND		5.0	0.86	ug/Kg			10/19/12 23:14	1
1,2-Dichloroethane	ND		5.0	0.34	ug/Kg			10/19/12 23:14	1
Chloroform	ND		5.0	0.29	ug/Kg			10/19/12 23:14	1
Chloromethane	ND		5.0	0.41	ug/Kg			10/19/12 23:14	1
1,1-Dichloroethene	ND		5.0	0.52	ug/Kg			10/19/12 23:14	1
cis-1,2-Dichloroethene	ND		5.0	0.36	ug/Kg			10/19/12 23:14	1
1,2-Dichloropropane	ND		5.0	0.69	ug/Kg			10/19/12 23:14	1
cis-1,3-Dichloropropene	ND		5.0	0.34	ug/Kg			10/19/12 23:14	1
Bromodichloromethane	ND		5.0	0.28	ug/Kg			10/19/12 23:14	1
2-Hexanone	2.65	J	20	0.63	ug/Kg			10/19/12 23:14	1
Ethylbenzene	ND		5.0	0.26	ug/Kg			10/19/12 23:14	1
2-Butanone (MEK)	1.68	J	20	1.4	ug/Kg			10/19/12 23:14	1
4-Methyl-2-pentanone (MIBK)	1.71	J	20	0.54	ug/Kg			10/19/12 23:14	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.34	ug/Kg			10/19/12 23:14	1
Methylene chloride	ND		5.0	0.67	ug/Kg			10/19/12 23:14	1
Styrene	ND		5.0	0.15	ug/Kg			10/19/12 23:14	1
Tetrachloroethene	ND		5.0	0.52	ug/Kg			10/19/12 23:14	1
Toluene	ND		5.0	0.27	ug/Kg			10/19/12 23:14	1
1,1,1-Trichloroethane	ND		5.0	0.56	ug/Kg			10/19/12 23:14	1
trans-1,2-Dichloroethene	ND		5.0	0.41	ug/Kg			10/19/12 23:14	1
1,1,2-Trichloroethane	ND		5.0	0.39	ug/Kg			10/19/12 23:14	1
trans-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg			10/19/12 23:14	1
Trichloroethene	ND		5.0	0.42	ug/Kg			10/19/12 23:14	1
Vinyl chloride	ND		5.0	0.39	ug/Kg			10/19/12 23:14	1
Methyl tert-butyl ether	ND		20	0.43	ug/Kg			10/19/12 23:14	1
Xylenes, Total	ND		10	0.67	ug/Kg			10/19/12 23:14	1
Dibromochloromethane	ND		5.0	0.55	ug/Kg			10/19/12 23:14	1
n-Hexane	ND		5.0	1.2	ug/Kg			10/19/12 23:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*52 - 136*		*10/19/12 23:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*58 - 123*		*10/19/12 23:14*	*1*
Toluene-d8 (Surr)	*84*		*67 - 125*		*10/19/12 23:14*	*1*
Dibromofluoromethane (Surr)	*74*		*37 - 132*		*10/19/12 23:14*	*1*

Lab Sample ID: LCS 240-62098/7
Matrix: Solid
Analysis Batch: 62098

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	60.6		ug/Kg		121	41 - 137
Benzene	25.0	23.1		ug/Kg		92	79 - 112
Bromoform	25.0	20.4		ug/Kg		82	62 - 133
Bromomethane	25.0	17.5		ug/Kg		70	42 - 136
Carbon disulfide	25.0	20.7		ug/Kg		83	62 - 146
Carbon tetrachloride	25.0	23.1		ug/Kg		92	71 - 129
Chlorobenzene	25.0	22.5		ug/Kg		90	78 - 110

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

Lab Sample ID: LCS 240-62098/7
Matrix: Solid
Analysis Batch: 62098

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.3		ug/Kg		93	76 - 115
Chloroethane	25.0	20.3		ug/Kg		81	58 - 117
1,2-Dichloroethane	25.0	25.6		ug/Kg		102	72 - 120
Chloroform	25.0	22.6		ug/Kg		90	77 - 114
Chloromethane	25.0	20.5		ug/Kg		82	50 - 110
1,1-Dichloroethene	25.0	22.1		ug/Kg		89	75 - 135
cis-1,2-Dichloroethene	25.0	21.3		ug/Kg		85	76 - 113
1,2-Dichloropropane	25.0	23.9		ug/Kg		96	87 - 113
cis-1,3-Dichloropropene	25.0	23.0		ug/Kg		92	74 - 128
Bromodichloromethane	25.0	24.2		ug/Kg		97	84 - 122
2-Hexanone	50.0	50.5		ug/Kg		101	64 - 136
Ethylbenzene	25.0	22.9		ug/Kg		92	79 - 117
2-Butanone (MEK)	50.0	59.5		ug/Kg		119	52 - 131
4-Methyl-2-pentanone (MIBK)	50.0	52.1		ug/Kg		104	67 - 135
1,1,2,2-Tetrachloroethane	25.0	27.2		ug/Kg		109	77 - 123
Methylene chloride	25.0	22.2		ug/Kg		89	75 - 118
Styrene	25.0	23.2		ug/Kg		93	87 - 117
Tetrachloroethene	25.0	24.4		ug/Kg		97	79 - 114
Toluene	25.0	23.3		ug/Kg		93	75 - 111
1,1,1-Trichloroethane	25.0	22.2		ug/Kg		89	77 - 126
trans-1,2-Dichloroethene	25.0	21.4		ug/Kg		86	78 - 117
1,1,2-Trichloroethane	25.0	25.6		ug/Kg		102	83 - 112
trans-1,3-Dichloropropene	25.0	23.0		ug/Kg		92	73 - 131
Trichloroethene	25.0	23.5		ug/Kg		94	79 - 113
Vinyl chloride	25.0	20.5		ug/Kg		82	57 - 114
Methyl tert-butyl ether	25.0	23.3		ug/Kg		93	49 - 165
Xylenes, Total	75.0	69.7		ug/Kg		93	80 - 118
Dibromochloromethane	25.0	23.9		ug/Kg		96	72 - 127
n-Hexane	25.0	29.3		ug/Kg		117	86 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*82*		*52 - 136*
1,2-Dichloroethane-d4 (Surr)	*89*		*58 - 123*
Toluene-d8 (Surr)	*85*		*67 - 125*
Dibromofluoromethane (Surr)	*80*		*37 - 132*

Lab Sample ID: MB 240-62322/6
Matrix: Solid
Analysis Batch: 62322

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.3	ug/Kg			10/23/12 00:29	1
Benzene	ND		5.0	0.23	ug/Kg			10/23/12 00:29	1
Bromoform	ND		5.0	0.33	ug/Kg			10/23/12 00:29	1
Bromomethane	ND		5.0	0.54	ug/Kg			10/23/12 00:29	1
Carbon disulfide	ND		5.0	0.44	ug/Kg			10/23/12 00:29	1
Carbon tetrachloride	ND		5.0	0.37	ug/Kg			10/23/12 00:29	1
Chlorobenzene	ND		5.0	0.33	ug/Kg			10/23/12 00:29	1
1,1-Dichloroethane	ND		5.0	0.36	ug/Kg			10/23/12 00:29	1

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

Lab Sample ID: MB 240-62322/6
Matrix: Solid
Analysis Batch: 62322

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		5.0	0.86	ug/Kg			10/23/12 00:29	1
1,2-Dichloroethane	ND		5.0	0.34	ug/Kg			10/23/12 00:29	1
Chloroform	ND		5.0	0.29	ug/Kg			10/23/12 00:29	1
Chloromethane	ND		5.0	0.41	ug/Kg			10/23/12 00:29	1
1,1-Dichloroethene	ND		5.0	0.52	ug/Kg			10/23/12 00:29	1
cis-1,2-Dichloroethene	ND		5.0	0.36	ug/Kg			10/23/12 00:29	1
1,2-Dichloropropane	ND		5.0	0.69	ug/Kg			10/23/12 00:29	1
cis-1,3-Dichloropropene	ND		5.0	0.34	ug/Kg			10/23/12 00:29	1
Bromodichloromethane	ND		5.0	0.28	ug/Kg			10/23/12 00:29	1
2-Hexanone	3.54	J	20	0.63	ug/Kg			10/23/12 00:29	1
Ethylbenzene	ND		5.0	0.26	ug/Kg			10/23/12 00:29	1
2-Butanone (MEK)	1.64	J	20	1.4	ug/Kg			10/23/12 00:29	1
4-Methyl-2-pentanone (MIBK)	1.88	J	20	0.54	ug/Kg			10/23/12 00:29	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.34	ug/Kg			10/23/12 00:29	1
Methylene chloride	ND		5.0	0.67	ug/Kg			10/23/12 00:29	1
Styrene	ND		5.0	0.15	ug/Kg			10/23/12 00:29	1
Tetrachloroethene	ND		5.0	0.52	ug/Kg			10/23/12 00:29	1
Toluene	ND		5.0	0.27	ug/Kg			10/23/12 00:29	1
1,1,1-Trichloroethane	ND		5.0	0.56	ug/Kg			10/23/12 00:29	1
trans-1,2-Dichloroethene	ND		5.0	0.41	ug/Kg			10/23/12 00:29	1
1,1,2-Trichloroethane	ND		5.0	0.39	ug/Kg			10/23/12 00:29	1
trans-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg			10/23/12 00:29	1
Trichloroethene	ND		5.0	0.42	ug/Kg			10/23/12 00:29	1
Vinyl chloride	ND		5.0	0.39	ug/Kg			10/23/12 00:29	1
Methyl tert-butyl ether	ND		20	0.43	ug/Kg			10/23/12 00:29	1
Xylenes, Total	ND		10	0.67	ug/Kg			10/23/12 00:29	1
Dibromochloromethane	ND		5.0	0.55	ug/Kg			10/23/12 00:29	1
n-Hexane	ND		5.0	1.2	ug/Kg			10/23/12 00:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*52 - 136*		*10/23/12 00:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 123*		*10/23/12 00:29*	*1*
Toluene-d8 (Surr)	*93*		*67 - 125*		*10/23/12 00:29*	*1*
Dibromofluoromethane (Surr)	*83*		*37 - 132*		*10/23/12 00:29*	*1*

Lab Sample ID: LCS 240-62322/5
Matrix: Solid
Analysis Batch: 62322

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	59.3		ug/Kg		119	41 - 137
Benzene	25.0	25.2		ug/Kg		101	79 - 112
Bromoform	25.0	23.2		ug/Kg		93	62 - 133
Bromomethane	25.0	21.7		ug/Kg		87	42 - 136
Carbon disulfide	25.0	24.4		ug/Kg		98	62 - 146
Carbon tetrachloride	25.0	28.6		ug/Kg		114	71 - 129
Chlorobenzene	25.0	24.8		ug/Kg		99	78 - 110
1,1-Dichloroethane	25.0	25.0		ug/Kg		100	76 - 115
Chloroethane	25.0	25.0		ug/Kg		100	58 - 117

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

Lab Sample ID: LCS 240-62322/5
Matrix: Solid
Analysis Batch: 62322

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	25.0	26.9		ug/Kg		108	72 - 120
Chloroform	25.0	24.3		ug/Kg		97	77 - 114
Chloromethane	25.0	25.2		ug/Kg		101	50 - 110
1,1-Dichloroethene	25.0	24.2		ug/Kg		97	75 - 135
cis-1,2-Dichloroethene	25.0	23.5		ug/Kg		94	76 - 113
1,2-Dichloropropane	25.0	26.1		ug/Kg		105	87 - 113
cis-1,3-Dichloropropene	25.0	26.1		ug/Kg		105	74 - 128
Bromodichloromethane	25.0	27.2		ug/Kg		109	84 - 122
2-Hexanone	50.0	46.0		ug/Kg		92	64 - 136
Ethylbenzene	25.0	25.4		ug/Kg		101	79 - 117
2-Butanone (MEK)	50.0	54.0		ug/Kg		108	52 - 131
4-Methyl-2-pentanone (MIBK)	50.0	48.3		ug/Kg		97	67 - 135
1,1,2,2-Tetrachloroethane	25.0	26.8		ug/Kg		107	77 - 123
Methylene chloride	25.0	21.4		ug/Kg		86	75 - 118
Styrene	25.0	25.9		ug/Kg		104	87 - 117
Tetrachloroethene	25.0	26.5		ug/Kg		106	79 - 114
Toluene	25.0	25.8		ug/Kg		103	75 - 111
1,1,1-Trichloroethane	25.0	26.5		ug/Kg		106	77 - 126
trans-1,2-Dichloroethene	25.0	24.2		ug/Kg		97	78 - 117
1,1,2-Trichloroethane	25.0	26.7		ug/Kg		107	83 - 112
trans-1,3-Dichloropropene	25.0	26.2		ug/Kg		105	73 - 131
Trichloroethene	25.0	25.9		ug/Kg		104	79 - 113
Vinyl chloride	25.0	24.4		ug/Kg		97	57 - 114
Methyl tert-butyl ether	25.0	22.6		ug/Kg		90	49 - 165
Xylenes, Total	75.0	78.2		ug/Kg		104	80 - 118
Dibromochloromethane	25.0	27.6		ug/Kg		111	72 - 127
n-Hexane	25.0	29.7		ug/Kg		119	86 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*52 - 136*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 123*
Toluene-d8 (Surr)	*97*		*67 - 125*
Dibromofluoromethane (Surr)	*89*		*37 - 132*

Lab Sample ID: MB 240-62483/6
Matrix: Solid
Analysis Batch: 62483

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.3	ug/Kg			10/24/12 01:17	1
Benzene	ND		5.0	0.23	ug/Kg			10/24/12 01:17	1
Bromoform	ND		5.0	0.33	ug/Kg			10/24/12 01:17	1
Bromomethane	ND		5.0	0.54	ug/Kg			10/24/12 01:17	1
Carbon disulfide	ND		5.0	0.44	ug/Kg			10/24/12 01:17	1
Carbon tetrachloride	ND		5.0	0.37	ug/Kg			10/24/12 01:17	1
Chlorobenzene	ND		5.0	0.33	ug/Kg			10/24/12 01:17	1
1,1-Dichloroethane	ND		5.0	0.36	ug/Kg			10/24/12 01:17	1
Chloroethane	ND		5.0	0.86	ug/Kg			10/24/12 01:17	1
1,2-Dichloroethane	ND		5.0	0.34	ug/Kg			10/24/12 01:17	1

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

Lab Sample ID: MB 240-62483/6
Matrix: Solid
Analysis Batch: 62483

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		5.0	0.29	ug/Kg			10/24/12 01:17	1
Chloromethane	ND		5.0	0.41	ug/Kg			10/24/12 01:17	1
1,1-Dichloroethene	ND		5.0	0.52	ug/Kg			10/24/12 01:17	1
cis-1,2-Dichloroethene	ND		5.0	0.36	ug/Kg			10/24/12 01:17	1
1,2-Dichloropropane	ND		5.0	0.69	ug/Kg			10/24/12 01:17	1
cis-1,3-Dichloropropene	ND		5.0	0.34	ug/Kg			10/24/12 01:17	1
Bromodichloromethane	ND		5.0	0.28	ug/Kg			10/24/12 01:17	1
2-Hexanone	3.08	J	20	0.63	ug/Kg			10/24/12 01:17	1
Ethylbenzene	ND		5.0	0.26	ug/Kg			10/24/12 01:17	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg			10/24/12 01:17	1
4-Methyl-2-pentanone (MIBK)	1.98	J	20	0.54	ug/Kg			10/24/12 01:17	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.34	ug/Kg			10/24/12 01:17	1
Methylene chloride	0.698	J	5.0	0.67	ug/Kg			10/24/12 01:17	1
Styrene	ND		5.0	0.15	ug/Kg			10/24/12 01:17	1
Tetrachloroethene	ND		5.0	0.52	ug/Kg			10/24/12 01:17	1
Toluene	ND		5.0	0.27	ug/Kg			10/24/12 01:17	1
1,1,1-Trichloroethane	ND		5.0	0.56	ug/Kg			10/24/12 01:17	1
trans-1,2-Dichloroethene	ND		5.0	0.41	ug/Kg			10/24/12 01:17	1
1,1,2-Trichloroethane	ND		5.0	0.39	ug/Kg			10/24/12 01:17	1
trans-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg			10/24/12 01:17	1
Trichloroethene	ND		5.0	0.42	ug/Kg			10/24/12 01:17	1
Vinyl chloride	ND		5.0	0.39	ug/Kg			10/24/12 01:17	1
Methyl tert-butyl ether	ND		20	0.43	ug/Kg			10/24/12 01:17	1
Xylenes, Total	ND		10	0.67	ug/Kg			10/24/12 01:17	1
Dibromochloromethane	ND		5.0	0.55	ug/Kg			10/24/12 01:17	1
n-Hexane	ND		5.0	1.2	ug/Kg			10/24/12 01:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*52 - 136*		*10/24/12 01:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*58 - 123*		*10/24/12 01:17*	*1*
Toluene-d8 (Surr)	*89*		*67 - 125*		*10/24/12 01:17*	*1*
Dibromofluoromethane (Surr)	*80*		*37 - 132*		*10/24/12 01:17*	*1*

Lab Sample ID: LCS 240-62483/5
Matrix: Solid
Analysis Batch: 62483

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	70.9	*	ug/Kg		142	41 - 137
Benzene	25.0	24.9		ug/Kg		100	79 - 112
Bromoform	25.0	21.5		ug/Kg		86	62 - 133
Bromomethane	25.0	21.1		ug/Kg		84	42 - 136
Carbon disulfide	25.0	22.6		ug/Kg		90	62 - 146
Carbon tetrachloride	25.0	26.6		ug/Kg		106	71 - 129
Chlorobenzene	25.0	23.5		ug/Kg		94	78 - 110
1,1-Dichloroethane	25.0	26.2		ug/Kg		105	76 - 115
Chloroethane	25.0	24.6		ug/Kg		98	58 - 117
1,2-Dichloroethane	25.0	27.5		ug/Kg		110	72 - 120
Chloroform	25.0	24.6		ug/Kg		99	77 - 114

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

Lab Sample ID: LCS 240-62483/5
Matrix: Solid
Analysis Batch: 62483

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	25.0	24.8		ug/Kg		99	50 - 110
1,1-Dichloroethene	25.0	24.9		ug/Kg		99	75 - 135
cis-1,2-Dichloroethene	25.0	23.9		ug/Kg		96	76 - 113
1,2-Dichloropropane	25.0	25.7		ug/Kg		103	87 - 113
cis-1,3-Dichloropropene	25.0	25.4		ug/Kg		102	74 - 128
Bromodichloromethane	25.0	26.2		ug/Kg		105	84 - 122
2-Hexanone	50.0	49.4		ug/Kg		99	64 - 136
Ethylbenzene	25.0	24.7		ug/Kg		99	79 - 117
2-Butanone (MEK)	50.0	58.4		ug/Kg		117	52 - 131
4-Methyl-2-pentanone (MIBK)	50.0	50.7		ug/Kg		101	67 - 135
1,1,2,2-Tetrachloroethane	25.0	26.9		ug/Kg		108	77 - 123
Methylene chloride	25.0	25.9		ug/Kg		104	75 - 118
Styrene	25.0	24.4		ug/Kg		98	87 - 117
Tetrachloroethene	25.0	25.9		ug/Kg		104	79 - 114
Toluene	25.0	24.6		ug/Kg		98	75 - 111
1,1,1-Trichloroethane	25.0	25.3		ug/Kg		101	77 - 126
trans-1,2-Dichloroethene	25.0	23.9		ug/Kg		96	78 - 117
1,1,2-Trichloroethane	25.0	26.8		ug/Kg		107	83 - 112
trans-1,3-Dichloropropene	25.0	25.1		ug/Kg		100	73 - 131
Trichloroethene	25.0	25.3		ug/Kg		101	79 - 113
Vinyl chloride	25.0	23.5		ug/Kg		94	57 - 114
Methyl tert-butyl ether	25.0	24.5		ug/Kg		98	49 - 165
Xylenes, Total	75.0	74.4		ug/Kg		99	80 - 118
Dibromochloromethane	25.0	25.8		ug/Kg		103	72 - 127
n-Hexane	25.0	29.4		ug/Kg		118	86 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*52 - 136*
1,2-Dichloroethane-d4 (Surr)	*88*		*58 - 123*
Toluene-d8 (Surr)	*89*		*67 - 125*
Dibromofluoromethane (Surr)	*82*		*37 - 132*

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

Lab Sample ID: MB 240-61305/21-A
Matrix: Water
Analysis Batch: 61760

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 61305

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Acenaphthylene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Bis(2-chloroethoxy)methane	ND		1.0	0.32	ug/L		10/15/12 10:20	10/18/12 08:45	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1

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

Lab Sample ID: MB 240-61305/21-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61760 — **Prep Batch: 61305**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
4-Bromophenyl phenyl ether	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
Butyl benzyl phthalate	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
4-Chloroaniline	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
4-Chloro-3-methylphenol	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
2-Chlorophenol	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 08:45	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		10/15/12 10:20	10/18/12 08:45	1
Chrysene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Dibenzofuran	ND		1.0	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
1,2-Dichlorobenzene	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 08:45	1
1,3-Dichlorobenzene	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
1,4-Dichlorobenzene	ND		1.0	0.34	ug/L		10/15/12 10:20	10/18/12 08:45	1
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L		10/15/12 10:20	10/18/12 08:45	1
2,4-Dichlorophenol	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
Diethyl phthalate	ND		1.0	0.60	ug/L		10/15/12 10:20	10/18/12 08:45	1
2,4-Dimethylphenol	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
Dimethyl phthalate	ND		1.0	0.29	ug/L		10/15/12 10:20	10/18/12 08:45	1
Di-n-butyl phthalate	ND		1.0	0.67	ug/L		10/15/12 10:20	10/18/12 08:45	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.4	ug/L		10/15/12 10:20	10/18/12 08:45	1
2,4-Dinitrophenol	ND		5.0	2.4	ug/L		10/15/12 10:20	10/18/12 08:45	1
2,4-Dinitrotoluene	ND		5.0	0.27	ug/L		10/15/12 10:20	10/18/12 08:45	1
2,6-Dinitrotoluene	ND		5.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
Di-n-octyl phthalate	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
Fluoranthene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Fluorene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L		10/15/12 10:20	10/18/12 08:45	1
Hexachlorocyclopentadiene	ND		10	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
Hexachloroethane	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Isophorone	ND		1.0	0.27	ug/L		10/15/12 10:20	10/18/12 08:45	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
2-Methylphenol	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
3 & 4 Methylphenol	ND		2.0	0.75	ug/L		10/15/12 10:20	10/18/12 08:45	1
Naphthalene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
2-Nitroaniline	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
3-Nitroaniline	ND		2.0	0.28	ug/L		10/15/12 10:20	10/18/12 08:45	1
4-Nitroaniline	ND		2.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
Nitrobenzene	ND		1.0	0.040	ug/L		10/15/12 10:20	10/18/12 08:45	1
2-Nitrophenol	ND		2.0	0.28	ug/L		10/15/12 10:20	10/18/12 08:45	1
4-Nitrophenol	ND		5.0	2.4	ug/L		10/15/12 10:20	10/18/12 08:45	1
N-Nitrosodi-n-propylamine	ND		1.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1
N-Nitrosodiphenylamine	ND		1.0	0.31	ug/L		10/15/12 10:20	10/18/12 08:45	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.40	ug/L		10/15/12 10:20	10/18/12 08:45	1
Pentachlorophenol	ND		5.0	2.4	ug/L		10/15/12 10:20	10/18/12 08:45	1
Phenanthrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1
Phenol	ND		1.0	0.60	ug/L		10/15/12 10:20	10/18/12 08:45	1
Pyrene	ND		0.20	0.10	ug/L		10/15/12 10:20	10/18/12 08:45	1

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

Lab Sample ID: MB 240-61305/21-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61760 — **Prep Batch: 61305**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.28	ug/L		10/15/12 10:20	10/18/12 08:45	1
2,4,5-Trichlorophenol	ND		5.0	0.30	ug/L		10/15/12 10:20	10/18/12 08:45	1
2,4,6-Trichlorophenol	ND		5.0	0.80	ug/L		10/15/12 10:20	10/18/12 08:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*20 - 110*	*10/15/12 10:20*	*10/18/12 08:45*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 110*	*10/15/12 10:20*	*10/18/12 08:45*	*1*
Nitrobenzene-d5 (Surr)	*70*		*21 - 110*	*10/15/12 10:20*	*10/18/12 08:45*	*1*
Phenol-d5 (Surr)	*74*		*21 - 110*	*10/15/12 10:20*	*10/18/12 08:45*	*1*
Terphenyl-d14 (Surr)	*83*		*24 - 110*	*10/15/12 10:20*	*10/18/12 08:45*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*21 - 110*	*10/15/12 10:20*	*10/18/12 08:45*	*1*

Lab Sample ID: LCS 240-61305/22-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61760 — **Prep Batch: 61305**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	20.0	15.8		ug/L		79	47 - 110
Acenaphthylene	20.0	16.0		ug/L		80	49 - 110
Anthracene	20.0	15.7		ug/L		79	52 - 110
Benzo[a]anthracene	20.0	14.8		ug/L		74	52 - 110
Benzo[a]pyrene	20.0	11.7		ug/L		58	44 - 110
Benzo[b]fluoranthene	20.0	14.0		ug/L		70	48 - 110
Benzo[g,h,i]perylene	20.0	15.3		ug/L		76	50 - 110
Benzo[k]fluoranthene	20.0	15.4		ug/L		77	49 - 110
Bis(2-chloroethoxy)methane	20.0	15.0		ug/L		75	43 - 110
Bis(2-chloroethyl)ether	20.0	15.3		ug/L		77	40 - 110
Bis(2-ethylhexyl) phthalate	20.0	13.6		ug/L		68	39 - 116
4-Bromophenyl phenyl ether	20.0	15.8		ug/L		79	45 - 110
Butyl benzyl phthalate	20.0	15.2		ug/L		76	55 - 110
4-Chloroaniline	20.0	14.2		ug/L		71	44 - 110
4-Chloro-3-methylphenol	20.0	15.3		ug/L		77	52 - 110
2-Chloronaphthalene	20.0	15.8		ug/L		79	43 - 110
2-Chlorophenol	20.0	15.9		ug/L		79	29 - 110
4-Chlorophenyl phenyl ether	20.0	15.8		ug/L		79	47 - 110
Chrysene	20.0	15.9		ug/L		80	55 - 110
Dibenz(a,h)anthracene	20.0	13.7		ug/L		69	49 - 110
Dibenzofuran	20.0	15.8		ug/L		79	51 - 110
1,2-Dichlorobenzene	20.0	15.7		ug/L		78	38 - 110
1,3-Dichlorobenzene	20.0	15.1		ug/L		75	35 - 110
1,4-Dichlorobenzene	20.0	15.9		ug/L		79	39 - 110
3,3'-Dichlorobenzidine	20.0	9.18		ug/L		46	22 - 110
2,4-Dichlorophenol	20.0	16.7		ug/L		84	41 - 110
Diethyl phthalate	20.0	15.9		ug/L		80	58 - 110
2,4-Dimethylphenol	20.0	12.5		ug/L		63	32 - 110
Dimethyl phthalate	20.0	16.2		ug/L		81	57 - 110
Di-n-butyl phthalate	20.0	15.8		ug/L		79	57 - 110
4,6-Dinitro-2-methylphenol	20.0	14.2		ug/L		71	31 - 110
2,4-Dinitrophenol	20.0	12.1		ug/L		61	10 - 110

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

Lab Sample ID: LCS 240-61305/22-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61760 — **Prep Batch: 61305**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	20.0	16.6		ug/L		83	53 - 110
2,6-Dinitrotoluene	20.0	17.1		ug/L		85	54 - 110
Di-n-octyl phthalate	20.0	11.9		ug/L		59	40 - 110
Fluoranthene	20.0	16.2		ug/L		81	54 - 110
Fluorene	20.0	16.3		ug/L		82	52 - 110
Hexachlorobenzene	20.0	15.2		ug/L		76	50 - 110
Hexachlorobutadiene	20.0	14.9		ug/L		75	33 - 110
Hexachlorocyclopentadiene	20.0	6.90	J	ug/L		34	10 - 110
Hexachloroethane	20.0	14.7		ug/L		74	35 - 110
Indeno[1,2,3-cd]pyrene	20.0	13.5		ug/L		68	50 - 110
Isophorone	20.0	15.3		ug/L		76	49 - 110
2-Methylnaphthalene	20.0	16.1		ug/L		80	45 - 110
2-Methylphenol	20.0	15.3		ug/L		76	42 - 110
3 & 4 Methylphenol	40.0	30.5		ug/L		76	44 - 110
Naphthalene	20.0	16.1		ug/L		81	44 - 110
2-Nitroaniline	20.0	14.5		ug/L		72	54 - 110
3-Nitroaniline	20.0	14.9		ug/L		75	53 - 110
4-Nitroaniline	20.0	15.5		ug/L		77	54 - 110
Nitrobenzene	20.0	15.0		ug/L		75	42 - 110
2-Nitrophenol	20.0	16.7		ug/L		84	40 - 110
4-Nitrophenol	20.0	14.9		ug/L		74	33 - 112
N-Nitrosodi-n-propylamine	20.0	14.6		ug/L		73	47 - 110
N-Nitrosodiphenylamine	20.0	15.4		ug/L		77	50 - 110
2,2'-oxybis[1-chloropropane]	20.0	13.4		ug/L		67	37 - 110
Pentachlorophenol	20.0	9.72		ug/L		49	18 - 110
Phenanthrene	20.0	15.8		ug/L		79	53 - 110
Phenol	20.0	15.4		ug/L		77	33 - 110
Pyrene	20.0	15.3		ug/L		76	52 - 110
1,2,4-Trichlorobenzene	20.0	15.4		ug/L		77	35 - 110
2,4,5-Trichlorophenol	20.0	16.3		ug/L		82	48 - 110
2,4,6-Trichlorophenol	20.0	16.7		ug/L		83	45 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*75*		*20 - 110*
2-Fluorophenol (Surr)	*77*		*10 - 110*
Nitrobenzene-d5 (Surr)	*74*		*21 - 110*
Phenol-d5 (Surr)	*76*		*21 - 110*
Terphenyl-d14 (Surr)	*80*		*24 - 110*
2,4,6-Tribromophenol (Surr)	*79*		*21 - 110*

Lab Sample ID: MB 240-61797/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62103 — **Prep Batch: 61797**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Acenaphthylene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Anthracene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Benzo[a]anthracene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1

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

Lab Sample ID: MB 240-61797/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62103 — **Prep Batch: 61797**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo-a-pyrene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Benzo[b]fluoranthene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Benzo[ghi]perylene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Benzo[k]fluoranthene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Bis(2-chloroethoxy)methane	ND		100	22	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Bis(2-chloroethyl)ether	ND		100	2.0	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Bis(2-ethylhexyl) phthalate	ND		50	19	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
4-Bromophenyl phenyl ether	ND		50	13	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Butyl benzyl phthalate	ND		50	10	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
4-Chloroaniline	ND		150	17	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
4-Chloro-3-methylphenol	ND		150	21	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2-Chloronaphthalene	ND		50	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2-Chlorophenol	ND		50	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
4-Chlorophenyl phenyl ether	ND		50	13	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Chrysene	ND		6.7	1.1	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Dibenz(a,h)anthracene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Dibenzofuran	ND		50	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
1,2-Dichlorobenzene	ND		50	9.7	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
1,3-Dichlorobenzene	ND		50	11	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
1,4-Dichlorobenzene	ND		50	20	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
3,3'-Dichlorobenzidine	ND		100	18	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2,4-Dichlorophenol	ND		150	20	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Diethyl phthalate	ND		50	16	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2,4-Dimethylphenol	ND		150	20	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Dimethyl phthalate	ND		50	17	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Di-n-butyl phthalate	ND		50	15	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
4,6-Dinitro-2-methylphenol	ND		150	80	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2,4-Dinitrophenol	ND		330	80	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2,6-Dinitrotoluene	ND		200	21	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Di-n-octyl phthalate	ND		50	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Fluoranthene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Fluorene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Hexachlorobenzene	ND		6.7	2.1	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Hexachlorobutadiene	ND		50	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Hexachlorocyclopentadiene	ND		330	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Hexachloroethane	ND		50	9.0	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Indeno[1,2,3-cd]pyrene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Isophorone	ND		50	13	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2-Methylnaphthalene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2-Methylphenol	ND		200	80	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
3 & 4 Methylphenol	ND		400	20	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Naphthalene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2-Nitroaniline	ND		200	9.1	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
3-Nitroaniline	ND		200	16	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
4-Nitroaniline	ND		200	26	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Nitrobenzene	ND		100	2.2	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2-Nitrophenol	ND		50	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
4-Nitrophenol	ND		330	80	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
N-Nitrosodi-n-propylamine	ND		50	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1

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

Lab Sample ID: MB 240-61797/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62103 — **Prep Batch: 61797**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		50	21	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2,2'-oxybis[1-chloropropane]	ND		100	9.5	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Pentachlorophenol	ND		150	80	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Phenanthrene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Phenol	ND		50	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
Pyrene	ND		6.7	3.3	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
1,2,4-Trichlorobenzene	ND		50	27	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2,4,5-Trichlorophenol	ND		150	25	ug/Kg		10/18/12 09:30	10/20/12 10:16	1
2,4,6-Trichlorophenol	ND		150	80	ug/Kg		10/18/12 09:30	10/20/12 10:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*48*		*24 - 110*	*10/18/12 09:30*	*10/20/12 10:16*	*1*
2-Fluorophenol (Surr)	*44*		*24 - 110*	*10/18/12 09:30*	*10/20/12 10:16*	*1*
Nitrobenzene-d5 (Surr)	*43*		*20 - 110*	*10/18/12 09:30*	*10/20/12 10:16*	*1*
Phenol-d5 (Surr)	*45*		*26 - 110*	*10/18/12 09:30*	*10/20/12 10:16*	*1*
Terphenyl-d14 (Surr)	*57*		*36 - 110*	*10/18/12 09:30*	*10/20/12 10:16*	*1*
2,4,6-Tribromophenol (Surr)	*37*		*10 - 110*	*10/18/12 09:30*	*10/20/12 10:16*	*1*

Lab Sample ID: LCS 240-61797/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62103 — **Prep Batch: 61797**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	667	454		ug/Kg		68	38 - 110
Acenaphthylene	667	457		ug/Kg		69	40 - 110
Anthracene	667	498		ug/Kg		75	48 - 110
Benzo[a]anthracene	667	479		ug/Kg		72	50 - 110
Benzo-a-pyrene	667	415		ug/Kg		62	44 - 110
Benzo[b]fluoranthene	667	462		ug/Kg		69	43 - 110
Benzo[ghi]perylene	667	522		ug/Kg		78	51 - 110
Benzo[k]fluoranthene	667	494		ug/Kg		74	38 - 105
Bis(2-chloroethoxy)methane	667	412		ug/Kg		62	32 - 110
Bis(2-chloroethyl)ether	667	418		ug/Kg		63	34 - 110
Bis(2-ethylhexyl) phthalate	667	473		ug/Kg		71	50 - 110
4-Bromophenyl phenyl ether	667	527		ug/Kg		79	39 - 110
Butyl benzyl phthalate	667	464		ug/Kg		70	51 - 110
4-Chloroaniline	667	354		ug/Kg		53	30 - 110
4-Chloro-3-methylphenol	667	461		ug/Kg		69	48 - 110
2-Chloronaphthalene	667	452		ug/Kg		68	32 - 110
2-Chlorophenol	667	457		ug/Kg		69	37 - 110
4-Chlorophenyl phenyl ether	667	475		ug/Kg		71	40 - 110
Chrysene	667	508		ug/Kg		76	50 - 110
Dibenz(a,h)anthracene	667	467		ug/Kg		70	51 - 110
Dibenzofuran	667	468		ug/Kg		70	43 - 110
1,2-Dichlorobenzene	667	451		ug/Kg		68	32 - 110
1,3-Dichlorobenzene	667	442		ug/Kg		66	29 - 110
1,4-Dichlorobenzene	667	462		ug/Kg		69	33 - 110
3,3'-Dichlorobenzidine	667	326		ug/Kg		49	28 - 110
2,4-Dichlorophenol	667	482		ug/Kg		72	39 - 110

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

Lab Sample ID: LCS 240-61797/24-A
Matrix: Solid
Analysis Batch: 62103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 61797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diethyl phthalate	667	495		ug/Kg		74	52 - 110
2,4-Dimethylphenol	667	313		ug/Kg		47	29 - 110
Dimethyl phthalate	667	488		ug/Kg		73	50 - 110
Di-n-butyl phthalate	667	501		ug/Kg		75	51 - 110
4,6-Dinitro-2-methylphenol	667	384		ug/Kg		58	10 - 110
2,4-Dinitrophenol	667	317	J	ug/Kg		47	10 - 110
2,4-Dinitrotoluene	667	525		ug/Kg		79	48 - 110
2,6-Dinitrotoluene	667	513		ug/Kg		77	45 - 110
Di-n-octyl phthalate	667	419		ug/Kg		63	48 - 110
Fluoranthene	667	521		ug/Kg		78	51 - 110
Fluorene	667	481		ug/Kg		72	46 - 110
Hexachlorobenzene	667	490		ug/Kg		74	43 - 110
Hexachlorobutadiene	667	469		ug/Kg		70	29 - 110
Hexachlorocyclopentadiene	667	332		ug/Kg		50	12 - 110
Hexachloroethane	667	422		ug/Kg		63	30 - 110
Indeno[1,2,3-cd]pyrene	667	472		ug/Kg		71	50 - 110
Isophorone	667	407		ug/Kg		61	36 - 110
2-Methylnaphthalene	667	473		ug/Kg		71	36 - 110
2-Methylphenol	667	418		ug/Kg		63	41 - 110
3 & 4 Methylphenol	1330	850		ug/Kg		64	40 - 110
Naphthalene	667	465		ug/Kg		70	36 - 110
2-Nitroaniline	667	401		ug/Kg		60	45 - 110
3-Nitroaniline	667	426		ug/Kg		64	44 - 110
4-Nitroaniline	667	465		ug/Kg		70	48 - 110
Nitrobenzene	667	402		ug/Kg		60	32 - 110
2-Nitrophenol	667	468		ug/Kg		70	34 - 110
4-Nitrophenol	667	411		ug/Kg		62	28 - 110
N-Nitrosodi-n-propylamine	667	388		ug/Kg		58	38 - 110
N-Nitrosodiphenylamine	667	488		ug/Kg		73	46 - 110
2,2'-oxybis[1-chloropropane]	667	353		ug/Kg		53	29 - 110
Pentachlorophenol	667	225		ug/Kg		34	10 - 110
Phenanthrene	667	491		ug/Kg		74	49 - 110
Phenol	667	428		ug/Kg		64	38 - 110
Pyrene	667	480		ug/Kg		72	49 - 110
1,2,4-Trichlorobenzene	667	465		ug/Kg		70	28 - 110
2,4,5-Trichlorophenol	667	459		ug/Kg		69	25 - 110
2,4,6-Trichlorophenol	667	436		ug/Kg		65	12 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*64*		*24 - 110*
2-Fluorophenol (Surr)	*64*		*24 - 110*
Nitrobenzene-d5 (Surr)	*58*		*20 - 110*
Phenol-d5 (Surr)	*63*		*26 - 110*
Terphenyl-d14 (Surr)	*77*		*36 - 110*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 110*

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

Lab Sample ID: 240-16213-2 MS
Matrix: Solid
Analysis Batch: 62337

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		821	1440	F	ug/Kg	☼	175	22 - 110
Acenaphthylene	ND		821	1340	F	ug/Kg	☼	163	24 - 110
Anthracene	ND		821	1410	F	ug/Kg	☼	171	20 - 110
Benzo[a]anthracene	ND		821	1660	F	ug/Kg	☼	202	10 - 122
Benzo-a-pyrene	ND		821	1260	F	ug/Kg	☼	153	10 - 110
Benzo[b]fluoranthene	ND		821	1320	F	ug/Kg	☼	160	12 - 118
Benzo[ghi]perylene	ND		821	1400	F	ug/Kg	☼	171	10 - 117
Benzo[k]fluoranthene	ND		821	1260	F	ug/Kg	☼	153	10 - 121
Bis(2-chloroethoxy)methane	ND		821	ND		ug/Kg	☼	NC	26 - 110
Bis(2-chloroethyl)ether	ND		821	1120	J F	ug/Kg	☼	137	21 - 110
Bis(2-ethylhexyl) phthalate	ND		821	1820	J	ug/Kg	☼	NC	40 - 110
4-Bromophenyl phenyl ether	ND		821	1430	J F	ug/Kg	☼	174	33 - 110
Butyl benzyl phthalate	ND		821	1660	J F	ug/Kg	☼	202	44 - 110
4-Chloroaniline	ND		821	ND		ug/Kg	☼	NC	10 - 110
4-Chloro-3-methylphenol	ND		821	ND		ug/Kg	☼	NC	25 - 110
2-Chloronaphthalene	ND		821	1410	J F	ug/Kg	☼	172	28 - 110
2-Chlorophenol	ND		821	ND		ug/Kg	☼	NC	10 - 110
4-Chlorophenyl phenyl ether	ND		821	1440	J F	ug/Kg	☼	176	32 - 110
Chrysene	ND		821	2290	F	ug/Kg	☼	279	10 - 125
Dibenz(a,h)anthracene	ND		821	1700	F	ug/Kg	☼	207	14 - 113
Dibenzofuran	ND		821	1490	J F	ug/Kg	☼	181	29 - 110
1,2-Dichlorobenzene	ND		821	1130	J F	ug/Kg	☼	138	25 - 110
1,3-Dichlorobenzene	ND		821	1110	J F	ug/Kg	☼	136	24 - 110
1,4-Dichlorobenzene	ND		821	ND		ug/Kg	☼	NC	28 - 110
3,3'-Dichlorobenzidine	ND		821	ND		ug/Kg	☼	NC	10 - 110
2,4-Dichlorophenol	ND		821	1200	J	ug/Kg	☼	NC	10 - 110
Diethyl phthalate	ND		821	1380	J	ug/Kg	☼	NC	42 - 110
2,4-Dimethylphenol	ND		821	1320	J	ug/Kg	☼	NC	10 - 110
Dimethyl phthalate	ND		821	1370	J	ug/Kg	☼	NC	41 - 110
Di-n-butyl phthalate	ND		821	1630	J	ug/Kg	☼	NC	43 - 110
4,6-Dinitro-2-methylphenol	ND		821	ND		ug/Kg	☼	NC	10 - 110
2,4-Dinitrophenol	ND		821	9910	J	ug/Kg	☼	NC	10 - 110
2,4-Dinitrotoluene	ND		821	ND		ug/Kg	☼	NC	32 - 110
2,6-Dinitrotoluene	ND		821	ND		ug/Kg	☼	NC	35 - 110
Di-n-octyl phthalate	ND		821	ND		ug/Kg	☼	NC	24 - 119
Fluoranthene	ND		821	1780	F	ug/Kg	☼	216	10 - 110
Fluorene	ND		821	1550	F	ug/Kg	☼	189	23 - 110
Hexachlorobenzene	ND		821	1360	F	ug/Kg	☼	166	34 - 110
Hexachlorobutadiene	ND		821	ND		ug/Kg	☼	NC	25 - 110
Hexachlorocyclopentadiene	ND		821	ND		ug/Kg	☼	NC	10 - 110
Hexachloroethane	ND		821	1160	J F	ug/Kg	☼	142	12 - 110
Indeno[1,2,3-cd]pyrene	ND		821	1680	F	ug/Kg	☼	204	10 - 114
Isophorone	ND		821	1190	J F	ug/Kg	☼	145	29 - 110
2-Methylnaphthalene	ND		821	1470	F	ug/Kg	☼	179	10 - 133
2-Methylphenol	ND		821	ND		ug/Kg	☼	NC	24 - 110
3 & 4 Methylphenol	ND		1640	2510	J F	ug/Kg	☼	153	25 - 110
Naphthalene	ND		821	1420	F	ug/Kg	☼	173	10 - 111
2-Nitroaniline	ND		821	1090	J F	ug/Kg	☼	133	39 - 110
3-Nitroaniline	ND		821	ND		ug/Kg	☼	NC	10 - 110

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

Lab Sample ID: 240-16213-2 MS — **Client Sample ID: IA07/B-01/16-18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62337 — **Prep Batch: 61797**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitroaniline	ND		821	ND		ug/Kg	☼	NC	10 - 110
Nitrobenzene	ND		821	1260	J F	ug/Kg	☼	154	23 - 110
2-Nitrophenol	ND		821	ND		ug/Kg	☼	NC	10 - 110
4-Nitrophenol	ND		821	ND		ug/Kg	☼	NC	10 - 113
N-Nitrosodi-n-propylamine	ND		821	ND		ug/Kg	☼	NC	26 - 110
N-Nitrosodiphenylamine	ND		821	1420	J	ug/Kg	☼	NC	22 - 110
2,2'-oxybis[1-chloropropane]	ND		821	1170	J F	ug/Kg	☼	142	11 - 110
Pentachlorophenol	ND		821	ND		ug/Kg	☼	NC	10 - 110
Phenanthrene	ND		821	1860	F	ug/Kg	☼	227	10 - 166
Phenol	ND		821	ND		ug/Kg	☼	NC	17 - 110
Pyrene	490		821	2150	F	ug/Kg	☼	202	10 - 147
1,2,4-Trichlorobenzene	ND		821	ND		ug/Kg	☼	NC	27 - 110
2,4,5-Trichlorophenol	ND		821	ND		ug/Kg	☼	NC	10 - 117
2,4,6-Trichlorophenol	ND		821	ND		ug/Kg	☼	NC	10 - 110

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*164*	*X*	*24 - 110*
2-Fluorophenol (Surr)	*140*	*X*	*24 - 110*
Nitrobenzene-d5 (Surr)	*137*	*X*	*20 - 110*
Phenol-d5 (Surr)	*145*	*X*	*26 - 110*
Terphenyl-d14 (Surr)	*182*	*X*	*36 - 110*
2,4,6-Tribromophenol (Surr)	*112*	*X*	*10 - 110*

Lab Sample ID: 240-16213-2 MSD — **Client Sample ID: IA07/B-01/16-18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62337 — **Prep Batch: 61797**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		823	1310	F	ug/Kg	☼	159	22 - 110	10	99
Acenaphthylene	ND		823	1220	F	ug/Kg	☼	148	24 - 110	9	99
Anthracene	ND		823	1260	F	ug/Kg	☼	153	20 - 110	11	99
Benzo[a]anthracene	ND		823	1550	F	ug/Kg	☼	188	10 - 122	7	99
Benzo-a-pyrene	ND		823	981	F	ug/Kg	☼	119	10 - 110	25	99
Benzo[b]fluoranthene	ND		823	1100	F	ug/Kg	☼	134	12 - 118	17	99
Benzo[ghi]perylene	ND		823	1170	F	ug/Kg	☼	142	10 - 117	18	99
Benzo[k]fluoranthene	ND		823	937		ug/Kg	☼	114	10 - 121	29	99
Bis(2-chloroethoxy)methane	ND		823	ND		ug/Kg	☼	NC	26 - 110	NC	37
Bis(2-chloroethyl)ether	ND		823	1150	J F	ug/Kg	☼	139	21 - 110	2	55
Bis(2-ethylhexyl) phthalate	ND		823	1670	J	ug/Kg	☼	NC	40 - 110	9	30
4-Bromophenyl phenyl ether	ND		823	1260	J F	ug/Kg	☼	153	33 - 110	13	30
Butyl benzyl phthalate	ND		823	1400	J F	ug/Kg	☼	170	44 - 110	17	30
4-Chloroaniline	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	36
4-Chloro-3-methylphenol	ND		823	ND		ug/Kg	☼	NC	25 - 110	NC	54
2-Chloronaphthalene	ND		823	1220	J F	ug/Kg	☼	148	28 - 110	15	30
2-Chlorophenol	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	47
4-Chlorophenyl phenyl ether	ND		823	1260	J F	ug/Kg	☼	154	32 - 110	13	30
Chrysene	ND		823	2200	F	ug/Kg	☼	268	10 - 125	4	99
Dibenz(a,h)anthracene	ND		823	1470	F	ug/Kg	☼	179	14 - 113	14	99
Dibenzofuran	ND		823	1300	J F	ug/Kg	☼	158	29 - 110	13	30

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

Lab Sample ID: 240-16213-2 MSD — **Client Sample ID: IA07/B-01/16-18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62337 — **Prep Batch: 61797**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	ND		823	1130	J F	ug/Kg	☼	138	25 - 110	0	40
1,3-Dichlorobenzene	ND		823	1040	J F	ug/Kg	☼	126	24 - 110	7	48
1,4-Dichlorobenzene	ND		823	ND		ug/Kg	☼	NC	28 - 110	NC	43
3,3'-Dichlorobenzidine	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	56
2,4-Dichlorophenol	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	34
Diethyl phthalate	ND		823	1260	J	ug/Kg	☼	NC	42 - 110	9	30
2,4-Dimethylphenol	ND		823	1230	J	ug/Kg	☼	NC	10 - 110	7	31
Dimethyl phthalate	ND		823	1220	J	ug/Kg	☼	NC	41 - 110	12	30
Di-n-butyl phthalate	ND		823	1460	J	ug/Kg	☼	NC	43 - 110	11	30
4,6-Dinitro-2-methylphenol	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	55
2,4-Dinitrophenol	ND		823	9890	J	ug/Kg	☼	NC	10 - 110	0	99
2,4-Dinitrotoluene	ND		823	ND		ug/Kg	☼	NC	32 - 110	NC	30
2,6-Dinitrotoluene	ND		823	ND		ug/Kg	☼	NC	35 - 110	NC	30
Di-n-octyl phthalate	ND		823	ND		ug/Kg	☼	NC	24 - 119	NC	30
Fluoranthene	ND		823	1600	F	ug/Kg	☼	194	10 - 110	10	99
Fluorene	ND		823	1400	F	ug/Kg	☼	170	23 - 110	10	99
Hexachlorobenzene	ND		823	1140	F	ug/Kg	☼	138	34 - 110	18	30
Hexachlorobutadiene	ND		823	ND		ug/Kg	☼	NC	25 - 110	NC	34
Hexachlorocyclopentadiene	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	79
Hexachloroethane	ND		823	1130	J F	ug/Kg	☼	137	12 - 110	3	50
Indeno[1,2,3-cd]pyrene	ND		823	1550	F	ug/Kg	☼	188	10 - 114	8	99
Isophorone	ND		823	1100	J F	ug/Kg	☼	134	29 - 110	8	38
2-Methylnaphthalene	ND		823	1220	F	ug/Kg	☼	148	10 - 133	19	42
2-Methylphenol	ND		823	ND		ug/Kg	☼	NC	24 - 110	NC	51
3 & 4 Methylphenol	ND		1650	2330	J F	ug/Kg	☼	142	25 - 110	7	50
Naphthalene	ND		823	1300	F	ug/Kg	☼	157	10 - 111	9	99
2-Nitroaniline	ND		823	1050	J F	ug/Kg	☼	128	39 - 110	4	31
3-Nitroaniline	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	30
4-Nitroaniline	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	48
Nitrobenzene	ND		823	1090	J F	ug/Kg	☼	133	23 - 110	15	41
2-Nitrophenol	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	49
4-Nitrophenol	ND		823	ND		ug/Kg	☼	NC	10 - 113	NC	49
N-Nitrosodi-n-propylamine	ND		823	ND		ug/Kg	☼	NC	26 - 110	NC	42
N-Nitrosodiphenylamine	ND		823	1410	J	ug/Kg	☼	NC	22 - 110	0	30
2,2'-oxybis[1-chloropropane]	ND		823	1200	J F	ug/Kg	☼	145	11 - 110	2	42
Pentachlorophenol	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	50
Phenanthrene	ND		823	1790	F	ug/Kg	☼	218	10 - 166	4	99
Phenol	ND		823	ND		ug/Kg	☼	NC	17 - 110	NC	53
Pyrene	490		823	1980	F	ug/Kg	☼	182	10 - 147	8	99
1,2,4-Trichlorobenzene	ND		823	ND		ug/Kg	☼	NC	27 - 110	NC	34
2,4,5-Trichlorophenol	ND		823	ND		ug/Kg	☼	NC	10 - 117	NC	99
2,4,6-Trichlorophenol	ND		823	ND		ug/Kg	☼	NC	10 - 110	NC	38

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*146*	*X*	*24 - 110*
2-Fluorophenol (Surr)	*136*	*X*	*24 - 110*
Nitrobenzene-d5 (Surr)	*128*	*X*	*20 - 110*
Phenol-d5 (Surr)	*143*	*X*	*26 - 110*
Terphenyl-d14 (Surr)	*0*	*X*	*36 - 110*

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

Lab Sample ID: 240-16213-2 MSD
Matrix: Solid
Analysis Batch: 62337

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61797

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 110*

Lab Sample ID: 240-16213-13 MS
Matrix: Solid
Analysis Batch: 62103

Client Sample ID: IA05/B-03/6-8
Prep Type: Total/NA
Prep Batch: 61797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		798	622		ug/Kg	☼	78	22 - 110
Acenaphthylene	ND		798	602		ug/Kg	☼	75	24 - 110
Anthracene	ND		798	602		ug/Kg	☼	76	20 - 110
Benzo[a]anthracene	ND		798	723		ug/Kg	☼	91	10 - 122
Benzo-a-pyrene	ND		798	550		ug/Kg	☼	69	10 - 110
Benzo[b]fluoranthene	ND		798	785		ug/Kg	☼	98	12 - 118
Benzo[ghi]perylene	ND		798	318		ug/Kg	☼	40	10 - 117
Benzo[k]fluoranthene	ND		798	651		ug/Kg	☼	82	10 - 121
Bis(2-chloroethoxy)methane	ND		798	514		ug/Kg	☼	64	26 - 110
Bis(2-chloroethyl)ether	ND		798	482		ug/Kg	☼	60	21 - 110
Bis(2-ethylhexyl) phthalate	ND		798	598		ug/Kg	☼	75	40 - 110
4-Bromophenyl phenyl ether	ND		798	647		ug/Kg	☼	81	33 - 110
Butyl benzyl phthalate	ND		798	418		ug/Kg	☼	52	44 - 110
4-Chloroaniline	ND		798	51.4	J F	ug/Kg	☼	6	10 - 110
4-Chloro-3-methylphenol	ND		798	615		ug/Kg	☼	77	25 - 110
2-Chloronaphthalene	ND		798	590		ug/Kg	☼	74	28 - 110
2-Chlorophenol	ND		798	559		ug/Kg	☼	70	10 - 110
4-Chlorophenyl phenyl ether	ND		798	606		ug/Kg	☼	76	32 - 110
Chrysene	ND		798	817		ug/Kg	☼	102	10 - 125
Dibenz(a,h)anthracene	ND		798	314		ug/Kg	☼	39	14 - 113
Dibenzofuran	ND		798	779		ug/Kg	☼	98	29 - 110
1,2-Dichlorobenzene	ND		798	514		ug/Kg	☼	64	25 - 110
1,3-Dichlorobenzene	ND		798	488		ug/Kg	☼	61	24 - 110
1,4-Dichlorobenzene	ND		798	511		ug/Kg	☼	64	28 - 110
3,3'-Dichlorobenzidine	ND		798	ND	F	ug/Kg	☼	0	10 - 110
2,4-Dichlorophenol	ND		798	640		ug/Kg	☼	80	10 - 110
Diethyl phthalate	ND		798	572		ug/Kg	☼	72	42 - 110
2,4-Dimethylphenol	ND		798	615		ug/Kg	☼	77	10 - 110
Dimethyl phthalate	ND		798	604		ug/Kg	☼	76	41 - 110
Di-n-butyl phthalate	ND		798	527		ug/Kg	☼	66	43 - 110
4,6-Dinitro-2-methylphenol	ND		798	ND	F	ug/Kg	☼	0	10 - 110
2,4-Dinitrophenol	ND		798	ND	F	ug/Kg	☼	0	10 - 110
2,4-Dinitrotoluene	ND		798	551		ug/Kg	☼	69	32 - 110
2,6-Dinitrotoluene	ND		798	588		ug/Kg	☼	74	35 - 110
Di-n-octyl phthalate	ND		798	687		ug/Kg	☼	86	24 - 119
Fluoranthene	ND		798	535		ug/Kg	☼	67	10 - 110
Fluorene	ND		798	638		ug/Kg	☼	80	23 - 110
Hexachlorobenzene	ND		798	682		ug/Kg	☼	86	34 - 110
Hexachlorobutadiene	ND		798	583		ug/Kg	☼	73	25 - 110
Hexachlorocyclopentadiene	ND		798	ND	F	ug/Kg	☼	0	10 - 110
Hexachloroethane	ND		798	367		ug/Kg	☼	46	12 - 110
Indeno[1,2,3-cd]pyrene	ND		798	324		ug/Kg	☼	41	10 - 114

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

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62103 — **Prep Batch: 61797**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isophorone	ND		798	531		ug/Kg	☼	67	29 - 110
2-Methylnaphthalene	4.4	J	798	1740	F	ug/Kg	☼	218	10 - 133
2-Methylphenol	ND		798	592		ug/Kg	☼	74	24 - 110
3 & 4 Methylphenol	ND		1600	1140		ug/Kg	☼	71	25 - 110
Naphthalene	ND		798	1340	F	ug/Kg	☼	167	10 - 111
2-Nitroaniline	ND		798	589		ug/Kg	☼	74	39 - 110
3-Nitroaniline	ND		798	94.4	J	ug/Kg	☼	12	10 - 110
4-Nitroaniline	ND		798	159	J	ug/Kg	☼	20	10 - 110
Nitrobenzene	ND		798	478		ug/Kg	☼	60	23 - 110
2-Nitrophenol	ND		798	569		ug/Kg	☼	71	10 - 110
4-Nitrophenol	ND		798	591		ug/Kg	☼	74	10 - 113
N-Nitrosodi-n-propylamine	ND		798	464		ug/Kg	☼	58	26 - 110
N-Nitrosodiphenylamine	ND		798	716		ug/Kg	☼	90	22 - 110
2,2'-oxybis[1-chloropropane]	ND		798	417		ug/Kg	☼	52	11 - 110
Pentachlorophenol	ND		798	501		ug/Kg	☼	63	10 - 110
Phenanthrene	ND		798	971		ug/Kg	☼	122	10 - 166
Phenol	ND		798	545		ug/Kg	☼	68	17 - 110
Pyrene	ND		798	713		ug/Kg	☼	89	10 - 147
1,2,4-Trichlorobenzene	ND		798	570		ug/Kg	☼	71	27 - 110
2,4,5-Trichlorophenol	ND		798	624		ug/Kg	☼	78	10 - 117
2,4,6-Trichlorophenol	ND		798	638		ug/Kg	☼	80	10 - 110

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*70*		*24 - 110*
2-Fluorophenol (Surr)	*64*		*24 - 110*
Nitrobenzene-d5 (Surr)	*61*		*20 - 110*
Phenol-d5 (Surr)	*68*		*26 - 110*
Terphenyl-d14 (Surr)	*79*		*36 - 110*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 110*

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62103 — **Prep Batch: 61797**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		804	576		ug/Kg	☼	72	22 - 110	8	99
Acenaphthylene	ND		804	558		ug/Kg	☼	69	24 - 110	8	99
Anthracene	ND		804	553		ug/Kg	☼	69	20 - 110	9	99
Benzo[a]anthracene	ND		804	629		ug/Kg	☼	78	10 - 122	14	99
Benzo-a-pyrene	ND		804	500		ug/Kg	☼	62	10 - 110	10	99
Benzo[b]fluoranthene	ND		804	720		ug/Kg	☼	89	12 - 118	9	99
Benzo[ghi]perylene	ND		804	273		ug/Kg	☼	34	10 - 117	15	99
Benzo[k]fluoranthene	ND		804	592		ug/Kg	☼	74	10 - 121	10	99
Bis(2-chloroethoxy)methane	ND		804	483		ug/Kg	☼	60	26 - 110	6	37
Bis(2-chloroethyl)ether	ND		804	449		ug/Kg	☼	56	21 - 110	7	55
Bis(2-ethylhexyl) phthalate	ND		804	623		ug/Kg	☼	77	40 - 110	4	30
4-Bromophenyl phenyl ether	ND		804	584		ug/Kg	☼	73	33 - 110	10	30
Butyl benzyl phthalate	ND		804	420		ug/Kg	☼	52	44 - 110	1	30
4-Chloroaniline	ND		804	101	J F	ug/Kg	☼	13	10 - 110	65	36

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

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62103 — **Prep Batch: 61797**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	ND		804	573		ug/Kg	☼	71	25 - 110	7	54
2-Chloronaphthalene	ND		804	558		ug/Kg	☼	69	28 - 110	6	30
2-Chlorophenol	ND		804	515		ug/Kg	☼	64	10 - 110	8	47
4-Chlorophenyl phenyl ether	ND		804	580		ug/Kg	☼	72	32 - 110	4	30
Chrysene	ND		804	712		ug/Kg	☼	88	10 - 125	14	99
Dibenz(a,h)anthracene	ND		804	282		ug/Kg	☼	35	14 - 113	11	99
Dibenzofuran	ND		804	720		ug/Kg	☼	90	29 - 110	8	30
1,2-Dichlorobenzene	ND		804	474		ug/Kg	☼	59	25 - 110	8	40
1,3-Dichlorobenzene	ND		804	444		ug/Kg	☼	55	24 - 110	10	48
1,4-Dichlorobenzene	ND		804	466		ug/Kg	☼	58	28 - 110	9	43
3,3'-Dichlorobenzidine	ND		804	ND	F	ug/Kg	☼	0	10 - 110	NC	56
2,4-Dichlorophenol	ND		804	611		ug/Kg	☼	76	10 - 110	5	34
Diethyl phthalate	ND		804	543		ug/Kg	☼	67	42 - 110	5	30
2,4-Dimethylphenol	ND		804	576		ug/Kg	☼	72	10 - 110	7	31
Dimethyl phthalate	ND		804	568		ug/Kg	☼	71	41 - 110	6	30
Di-n-butyl phthalate	ND		804	504		ug/Kg	☼	63	43 - 110	5	30
4,6-Dinitro-2-methylphenol	ND		804	ND	F	ug/Kg	☼	0	10 - 110	NC	55
2,4-Dinitrophenol	ND		804	ND	F	ug/Kg	☼	0	10 - 110	NC	99
2,4-Dinitrotoluene	ND		804	486		ug/Kg	☼	60	32 - 110	13	30
2,6-Dinitrotoluene	ND		804	541		ug/Kg	☼	67	35 - 110	8	30
Di-n-octyl phthalate	ND		804	772		ug/Kg	☼	96	24 - 119	12	30
Fluoranthene	ND		804	487		ug/Kg	☼	61	10 - 110	9	99
Fluorene	ND		804	602		ug/Kg	☼	75	23 - 110	6	99
Hexachlorobenzene	ND		804	606		ug/Kg	☼	75	34 - 110	12	30
Hexachlorobutadiene	ND		804	544		ug/Kg	☼	68	25 - 110	7	34
Hexachlorocyclopentadiene	ND		804	ND	F	ug/Kg	☼	0	10 - 110	NC	79
Hexachloroethane	ND		804	232		ug/Kg	☼	29	12 - 110	45	50
Indeno[1,2,3-cd]pyrene	ND		804	283		ug/Kg	☼	35	10 - 114	13	99
Isophorone	ND		804	497		ug/Kg	☼	62	29 - 110	7	38
2-Methylnaphthalene	4.4	J	804	1530	F	ug/Kg	☼	190	10 - 133	13	42
2-Methylphenol	ND		804	521		ug/Kg	☼	65	24 - 110	13	51
3 & 4 Methylphenol	ND		1610	1030		ug/Kg	☼	64	25 - 110	10	50
Naphthalene	ND		804	1190	F	ug/Kg	☼	148	10 - 111	11	99
2-Nitroaniline	ND		804	596		ug/Kg	☼	74	39 - 110	1	31
3-Nitroaniline	ND		804	94.3	J	ug/Kg	☼	12	10 - 110	0	30
4-Nitroaniline	ND		804	183	J	ug/Kg	☼	23	10 - 110	14	48
Nitrobenzene	ND		804	446		ug/Kg	☼	55	23 - 110	7	41
2-Nitrophenol	ND		804	460		ug/Kg	☼	57	10 - 110	21	49
4-Nitrophenol	ND		804	511		ug/Kg	☼	63	10 - 113	15	49
N-Nitrosodi-n-propylamine	ND		804	441		ug/Kg	☼	55	26 - 110	5	42
N-Nitrosodiphenylamine	ND		804	653		ug/Kg	☼	81	22 - 110	9	30
2,2'-oxybis[1-chloropropane]	ND		804	380		ug/Kg	☼	47	11 - 110	9	42
Pentachlorophenol	ND		804	492		ug/Kg	☼	61	10 - 110	2	50
Phenanthrene	ND		804	887		ug/Kg	☼	110	10 - 166	9	99
Phenol	ND		804	499		ug/Kg	☼	62	17 - 110	9	53
Pyrene	ND		804	651		ug/Kg	☼	81	10 - 147	9	99
1,2,4-Trichlorobenzene	ND		804	536		ug/Kg	☼	67	27 - 110	6	34
2,4,5-Trichlorophenol	ND		804	609		ug/Kg	☼	76	10 - 117	2	99
2,4,6-Trichlorophenol	ND		804	611		ug/Kg	☼	76	10 - 110	4	38

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

Lab Sample ID: 240-16213-13 MSD
Matrix: Solid
Analysis Batch: 62103

Client Sample ID: IA05/B-03/6-8
Prep Type: Total/NA
Prep Batch: 61797

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*65*		*24 - 110*
2-Fluorophenol (Surr)	*60*		*24 - 110*
Nitrobenzene-d5 (Surr)	*56*		*20 - 110*
Phenol-d5 (Surr)	*61*		*26 - 110*
Terphenyl-d14 (Surr)	*77*		*36 - 110*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 110*

Lab Sample ID: MB 240-63002/7-A
Matrix: Solid
Analysis Batch: 63197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 63002

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Acenaphthylene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Anthracene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Benzo[a]anthracene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Benzo-a-pyrene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Benzo[b]fluoranthene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Benzo[ghi]perylene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Benzo[k]fluoranthene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Bis(2-chloroethoxy)methane	ND		100	22	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Bis(2-chloroethyl)ether	ND		100	2.0	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Bis(2-ethylhexyl) phthalate	ND		50	19	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
4-Bromophenyl phenyl ether	ND		50	13	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Butyl benzyl phthalate	ND		50	10	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
4-Chloroaniline	ND		150	17	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
4-Chloro-3-methylphenol	ND		150	21	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2-Chloronaphthalene	ND		50	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2-Chlorophenol	ND		50	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
4-Chlorophenyl phenyl ether	ND		50	13	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Chrysene	ND		6.7	1.1	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Dibenz(a,h)anthracene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Dibenzofuran	ND		50	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
1,2-Dichlorobenzene	ND		50	9.7	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
1,3-Dichlorobenzene	ND		50	11	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
1,4-Dichlorobenzene	ND		50	20	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
3,3'-Dichlorobenzidine	ND		100	18	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2,4-Dichlorophenol	ND		150	20	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Diethyl phthalate	ND		50	16	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2,4-Dimethylphenol	ND		150	20	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Dimethyl phthalate	ND		50	17	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Di-n-butyl phthalate	ND		50	15	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
4,6-Dinitro-2-methylphenol	ND		150	80	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2,4-Dinitrophenol	ND		330	80	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2,6-Dinitrotoluene	ND		200	21	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Di-n-octyl phthalate	ND		50	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Fluoranthene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Fluorene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1

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

Lab Sample ID: MB 240-63002/7-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 63197 — **Prep Batch: 63002**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		6.7	2.1	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Hexachlorobutadiene	ND		50	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Hexachlorocyclopentadiene	ND		330	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Hexachloroethane	ND		50	9.0	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Indeno[1,2,3-cd]pyrene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Isophorone	ND		50	13	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2-Methylnaphthalene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2-Methylphenol	ND		200	80	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
3 & 4 Methylphenol	ND		400	20	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Naphthalene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2-Nitroaniline	ND		200	9.1	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
3-Nitroaniline	ND		200	16	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
4-Nitroaniline	ND		200	26	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Nitrobenzene	ND		100	2.2	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2-Nitrophenol	ND		50	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
4-Nitrophenol	ND		330	80	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
N-Nitrosodi-n-propylamine	ND		50	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
N-Nitrosodiphenylamine	ND		50	21	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2,2'-oxybis[1-chloropropane]	ND		100	9.5	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Pentachlorophenol	ND		150	80	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Phenanthrene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Phenol	ND		50	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
Pyrene	ND		6.7	3.3	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
1,2,4-Trichlorobenzene	ND		50	27	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2,4,5-Trichlorophenol	ND		150	25	ug/Kg		10/27/12 09:20	10/30/12 09:58	1
2,4,6-Trichlorophenol	ND		150	80	ug/Kg		10/27/12 09:20	10/30/12 09:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*59*		*24 - 110*	*10/27/12 09:20*	*10/30/12 09:58*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 110*	*10/27/12 09:20*	*10/30/12 09:58*	*1*
Nitrobenzene-d5 (Surr)	*60*		*20 - 110*	*10/27/12 09:20*	*10/30/12 09:58*	*1*
Phenol-d5 (Surr)	*67*		*26 - 110*	*10/27/12 09:20*	*10/30/12 09:58*	*1*
Terphenyl-d14 (Surr)	*69*		*36 - 110*	*10/27/12 09:20*	*10/30/12 09:58*	*1*
2,4,6-Tribromophenol (Surr)	*55*		*10 - 110*	*10/27/12 09:20*	*10/30/12 09:58*	*1*

Lab Sample ID: LCS 240-63002/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 63197 — **Prep Batch: 63002**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	667	418		ug/Kg		63	38 - 110
Acenaphthylene	667	437		ug/Kg		66	40 - 110
Anthracene	667	475		ug/Kg		71	48 - 110
Benzo[a]anthracene	667	462		ug/Kg		69	50 - 110
Benzo-a-pyrene	667	418		ug/Kg		63	44 - 110
Benzo[b]fluoranthene	667	464		ug/Kg		70	43 - 110
Benzo[ghi]perylene	667	473		ug/Kg		71	51 - 110
Benzo[k]fluoranthene	667	429		ug/Kg		64	38 - 105
Bis(2-chloroethoxy)methane	667	440		ug/Kg		66	32 - 110

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

Lab Sample ID: LCS 240-63002/8-A
Matrix: Solid
Analysis Batch: 63197

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 63002

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethyl)ether	667	459		ug/Kg		69	34 - 110
Bis(2-ethylhexyl) phthalate	667	500		ug/Kg		75	50 - 110
4-Bromophenyl phenyl ether	667	470		ug/Kg		71	39 - 110
Butyl benzyl phthalate	667	483		ug/Kg		72	51 - 110
4-Chloroaniline	667	348		ug/Kg		52	30 - 110
4-Chloro-3-methylphenol	667	473		ug/Kg		71	48 - 110
2-Chloronaphthalene	667	424		ug/Kg		64	32 - 110
2-Chlorophenol	667	458		ug/Kg		69	37 - 110
4-Chlorophenyl phenyl ether	667	441		ug/Kg		66	40 - 110
Chrysene	667	485		ug/Kg		73	50 - 110
Dibenz(a,h)anthracene	667	484		ug/Kg		73	51 - 110
Dibenzofuran	667	445		ug/Kg		67	43 - 110
1,2-Dichlorobenzene	667	440		ug/Kg		66	32 - 110
1,3-Dichlorobenzene	667	426		ug/Kg		64	29 - 110
1,4-Dichlorobenzene	667	437		ug/Kg		65	33 - 110
3,3'-Dichlorobenzidine	667	309		ug/Kg		46	28 - 110
2,4-Dichlorophenol	667	457		ug/Kg		69	39 - 110
Diethyl phthalate	667	469		ug/Kg		70	52 - 110
2,4-Dimethylphenol	667	308		ug/Kg		46	29 - 110
Dimethyl phthalate	667	471		ug/Kg		71	50 - 110
Di-n-butyl phthalate	667	496		ug/Kg		74	51 - 110
4,6-Dinitro-2-methylphenol	667	395		ug/Kg		59	10 - 110
2,4-Dinitrophenol	667	237	J	ug/Kg		35	10 - 110
2,4-Dinitrotoluene	667	503		ug/Kg		75	48 - 110
2,6-Dinitrotoluene	667	515		ug/Kg		77	45 - 110
Di-n-octyl phthalate	667	465		ug/Kg		70	48 - 110
Fluoranthene	667	479		ug/Kg		72	51 - 110
Fluorene	667	452		ug/Kg		68	46 - 110
Hexachlorobenzene	667	461		ug/Kg		69	43 - 110
Hexachlorobutadiene	667	384		ug/Kg		58	29 - 110
Hexachlorocyclopentadiene	667	301	J	ug/Kg		45	12 - 110
Hexachloroethane	667	439		ug/Kg		66	30 - 110
Indeno[1,2,3-cd]pyrene	667	464		ug/Kg		70	50 - 110
Isophorone	667	447		ug/Kg		67	36 - 110
2-Methylnaphthalene	667	428		ug/Kg		64	36 - 110
2-Methylphenol	667	469		ug/Kg		70	41 - 110
3 & 4 Methylphenol	1330	949		ug/Kg		71	40 - 110
Naphthalene	667	425		ug/Kg		64	36 - 110
2-Nitroaniline	667	490		ug/Kg		74	45 - 110
3-Nitroaniline	667	432		ug/Kg		65	44 - 110
4-Nitroaniline	667	486		ug/Kg		73	48 - 110
Nitrobenzene	667	438		ug/Kg		66	32 - 110
2-Nitrophenol	667	445		ug/Kg		67	34 - 110
4-Nitrophenol	667	387		ug/Kg		58	28 - 110
N-Nitrosodi-n-propylamine	667	480		ug/Kg		72	38 - 110
N-Nitrosodiphenylamine	667	482		ug/Kg		72	46 - 110
2,2'-oxybis[1-chloropropane]	667	461		ug/Kg		69	29 - 110
Pentachlorophenol	667	ND		ug/Kg		12	10 - 110
Phenanthrene	667	470		ug/Kg		70	49 - 110
Phenol	667	495		ug/Kg		74	38 - 110

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

Lab Sample ID: LCS 240-63002/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 63197 — **Prep Batch: 63002**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	667	464		ug/Kg		70	49 - 110
1,2,4-Trichlorobenzene	667	394		ug/Kg		59	28 - 110
2,4,5-Trichlorophenol	667	431		ug/Kg		65	25 - 110
2,4,6-Trichlorophenol	667	394		ug/Kg		59	12 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*60*		*24 - 110*
2-Fluorophenol (Surr)	*66*		*24 - 110*
Nitrobenzene-d5 (Surr)	*60*		*20 - 110*
Phenol-d5 (Surr)	*69*		*26 - 110*
Terphenyl-d14 (Surr)	*75*		*36 - 110*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 110*

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

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 63197 — **Prep Batch: 63002**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene - RE	27	H	794	782	H	ug/Kg	☼	95	22 - 110
Acenaphthylene - RE	ND	H	794	656	H	ug/Kg	☼	83	24 - 110
Anthracene - RE	21	H	794	641	H	ug/Kg	☼	78	20 - 110
Benzo[a]anthracene - RE	42	H	794	720	H	ug/Kg	☼	85	10 - 122
Benzo-a-pyrene - RE	37	H	794	632	H	ug/Kg	☼	75	10 - 110
Benzo[b]fluoranthene - RE	54	H	794	628	H	ug/Kg	☼	72	12 - 118
Benzo[ghi]perylene - RE	44	H	794	671	H	ug/Kg	☼	79	10 - 117
Benzo[k]fluoranthene - RE	29	H	794	811	H	ug/Kg	☼	98	10 - 121
Bis(2-chloroethoxy)methane - RE	ND	H	794	690	H	ug/Kg	☼	87	26 - 110
Bis(2-chloroethyl)ether - RE	ND	H	794	725	H	ug/Kg	☼	91	21 - 110
Bis(2-ethylhexyl) phthalate - RE	ND	H	794	664	H	ug/Kg	☼	84	40 - 110
4-Bromophenyl phenyl ether - RE	ND	H	794	604	H	ug/Kg	☼	76	33 - 110
Butyl benzyl phthalate - RE	ND	H	794	570	H	ug/Kg	☼	72	44 - 110
4-Chloroaniline - RE	ND	H	794	269	J H	ug/Kg	☼	34	10 - 110
4-Chloro-3-methylphenol - RE	ND	H	794	689	J H	ug/Kg	☼	87	25 - 110
2-Chloronaphthalene - RE	ND	H	794	659	H	ug/Kg	☼	83	28 - 110
2-Chlorophenol - RE	ND	H	794	732	H	ug/Kg	☼	92	10 - 110
4-Chlorophenyl phenyl ether - RE	ND	H	794	655	H	ug/Kg	☼	82	32 - 110
Chrysene - RE	60	H	794	909	H	ug/Kg	☼	107	10 - 125
Dibenz(a,h)anthracene - RE	ND	H	794	575	H	ug/Kg	☼	72	14 - 113
Dibenzofuran - RE	56	J H	794	1040	H F	ug/Kg	☼	123	29 - 110
1,2-Dichlorobenzene - RE	ND	H	794	638	H	ug/Kg	☼	80	25 - 110
1,3-Dichlorobenzene - RE	ND	H	794	584	H	ug/Kg	☼	74	24 - 110
1,4-Dichlorobenzene - RE	ND	H	794	613	H	ug/Kg	☼	77	28 - 110
3,3'-Dichlorobenzidine - RE	ND	H	794	ND	H F	ug/Kg	☼	0	10 - 110
2,4-Dichlorophenol - RE	ND	H	794	651	J H	ug/Kg	☼	82	10 - 110
Diethyl phthalate - RE	ND	H	794	655	H	ug/Kg	☼	83	42 - 110
2,4-Dimethylphenol - RE	ND	H	794	648	J H	ug/Kg	☼	82	10 - 110
Dimethyl phthalate - RE	ND	H	794	656	H	ug/Kg	☼	83	41 - 110

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

Lab Sample ID: 240-16213-13 MS
Matrix: Solid
Analysis Batch: 63197

Client Sample ID: IA05/B-03/6-8
Prep Type: Total/NA
Prep Batch: 63002

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate - RE	45	J H	794	947	H F	ug/Kg	☼	114	43 - 110
4,6-Dinitro-2-methylphenol - RE	ND	H	794	ND	H F	ug/Kg	☼	0	10 - 110
2,4-Dinitrophenol - RE	ND	H	794	ND	H F	ug/Kg	☼	0	10 - 110
2,4-Dinitrotoluene - RE	ND	H	794	660	J H	ug/Kg	☼	83	32 - 110
2,6-Dinitrotoluene - RE	ND	H	794	634	J H	ug/Kg	☼	80	35 - 110
Di-n-octyl phthalate - RE	ND	H	794	586	H	ug/Kg	☼	74	24 - 119
Fluoranthene - RE	62	H	794	971	H F	ug/Kg	☼	115	10 - 110
Fluorene - RE	23	H	794	720	H	ug/Kg	☼	88	23 - 110
Hexachlorobenzene - RE	ND	H	794	562	H	ug/Kg	☼	71	34 - 110
Hexachlorobutadiene - RE	ND	H	794	571	H	ug/Kg	☼	72	25 - 110
Hexachlorocyclopentadiene - RE	ND	H	794	ND	H F	ug/Kg	☼	0	10 - 110
Hexachloroethane - RE	ND	H	794	703	H	ug/Kg	☼	88	12 - 110
Indeno[1,2,3-cd]pyrene - RE	35	H	794	613	H	ug/Kg	☼	73	10 - 114
Isophorone - RE	ND	H	794	678	H	ug/Kg	☼	85	29 - 110
2-Methylnaphthalene - RE	240	H	794	2670	H F	ug/Kg	☼	307	10 - 133
2-Methylphenol - RE	ND	H	794	759	J H	ug/Kg	☼	96	24 - 110
3 & 4 Methylphenol - RE	ND	H	1590	1450	J H	ug/Kg	☼	92	25 - 110
Naphthalene - RE	170	H	794	2060	H F	ug/Kg	☼	238	10 - 111
2-Nitroaniline - RE	ND	H	794	696	J H	ug/Kg	☼	88	39 - 110
3-Nitroaniline - RE	ND	H	794	406	J H	ug/Kg	☼	51	10 - 110
4-Nitroaniline - RE	ND	H	794	521	J H	ug/Kg	☼	66	10 - 110
Nitrobenzene - RE	ND	H	794	664	H	ug/Kg	☼	84	23 - 110
2-Nitrophenol - RE	ND	H	794	659	H	ug/Kg	☼	83	10 - 110
4-Nitrophenol - RE	ND	H	794	555	J H	ug/Kg	☼	70	10 - 113
N-Nitrosodi-n-propylamine - RE	ND	H	794	713	H	ug/Kg	☼	90	26 - 110
N-Nitrosodiphenylamine - RE	ND	H	794	800	H	ug/Kg	☼	101	22 - 110
2,2'-oxybis[1-chloropropane] - RE	ND	H	794	726	H	ug/Kg	☼	91	11 - 110
Pentachlorophenol - RE	ND	H	794	ND	H F	ug/Kg	☼	0	10 - 110
Phenanthrene - RE	120	H	794	1450	H F	ug/Kg	☼	168	10 - 166
Phenol - RE	ND	H	794	971	H F	ug/Kg	☼	122	17 - 110
Pyrene - RE	58	H	794	823	H	ug/Kg	☼	96	10 - 147
1,2,4-Trichlorobenzene - RE	ND	H	794	592	H	ug/Kg	☼	74	27 - 110
2,4,5-Trichlorophenol - RE	ND	H	794	640	J H	ug/Kg	☼	81	10 - 117
2,4,6-Trichlorophenol - RE	ND	H	794	586	J H	ug/Kg	☼	74	10 - 110

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr) - RE	*76*		*24 - 110*
2-Fluorophenol (Surr) - RE	*81*		*24 - 110*
Nitrobenzene-d5 (Surr) - RE	*75*		*20 - 110*
Phenol-d5 (Surr) - RE	*87*		*26 - 110*
Terphenyl-d14 (Surr) - RE	*70*		*36 - 110*
2,4,6-Tribromophenol (Surr) - RE	*76*		*10 - 110*

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

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 63197 — **Prep Batch: 63002**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene - RE	27	H	798	1070	H F	ug/Kg	☼	131	22 - 110	32	99
Acenaphthylene - RE	ND	H	798	609	H	ug/Kg	☼	76	24 - 110	7	99
Anthracene - RE	21	H	798	748	H	ug/Kg	☼	91	20 - 110	15	99
Benzo[a]anthracene - RE	42	H	798	893	H	ug/Kg	☼	107	10 - 122	21	99
Benzo-a-pyrene - RE	37	H	798	633	H	ug/Kg	☼	75	10 - 110	0	99
Benzo[b]fluoranthene - RE	54	H	798	657	H	ug/Kg	☼	76	12 - 118	5	99
Benzo[ghi]perylene - RE	44	H	798	671	H	ug/Kg	☼	79	10 - 117	0	99
Benzo[k]fluoranthene - RE	29	H	798	775	H	ug/Kg	☼	93	10 - 121	5	99
Bis(2-chloroethoxy)methane - RE	ND	H	798	589	J H	ug/Kg	☼	74	26 - 110	16	37
Bis(2-chloroethyl)ether - RE	ND	H	798	583	J H	ug/Kg	☼	73	21 - 110	22	55
Bis(2-ethylhexyl) phthalate - RE	ND	H	798	614	H	ug/Kg	☼	77	40 - 110	8	30
4-Bromophenyl phenyl ether - RE	ND	H	798	554	H	ug/Kg	☼	69	33 - 110	9	30
Butyl benzyl phthalate - RE	ND	H	798	511	H	ug/Kg	☼	64	44 - 110	11	30
4-Chloroaniline - RE	ND	H	798	302	J H	ug/Kg	☼	38	10 - 110	11	36
4-Chloro-3-methylphenol - RE	ND	H	798	662	J H	ug/Kg	☼	83	25 - 110	4	54
2-Chloronaphthalene - RE	ND	H	798	564	H	ug/Kg	☼	71	28 - 110	16	30
2-Chlorophenol - RE	ND	H	798	596	H	ug/Kg	☼	75	10 - 110	21	47
4-Chlorophenyl phenyl ether - RE	ND	H	798	582	H	ug/Kg	☼	73	32 - 110	12	30
Chrysene - RE	60	H	798	966	H	ug/Kg	☼	114	10 - 125	6	99
Dibenz(a,h)anthracene - RE	ND	H	798	539	H	ug/Kg	☼	68	14 - 113	6	99
Dibenzofuran - RE	56	J H	798	1720	H F	ug/Kg	☼	208	29 - 110	50	30
1,2-Dichlorobenzene - RE	ND	H	798	468	H	ug/Kg	☼	59	25 - 110	31	40
1,3-Dichlorobenzene - RE	ND	H	798	443	H	ug/Kg	☼	56	24 - 110	27	48
1,4-Dichlorobenzene - RE	ND	H	798	481	H	ug/Kg	☼	60	28 - 110	24	43
3,3'-Dichlorobenzidine - RE	ND	H	798	ND	H F	ug/Kg	☼	0	10 - 110	NC	56
2,4-Dichlorophenol - RE	ND	H	798	564	J H	ug/Kg	☼	71	10 - 110	14	34
Diethyl phthalate - RE	ND	H	798	608	H	ug/Kg	☼	76	42 - 110	7	30
2,4-Dimethylphenol - RE	ND	H	798	627	J H	ug/Kg	☼	79	10 - 110	3	31
Dimethyl phthalate - RE	ND	H	798	582	H	ug/Kg	☼	73	41 - 110	12	30
Di-n-butyl phthalate - RE	45	J H	798	766	H	ug/Kg	☼	90	43 - 110	21	30
4,6-Dinitro-2-methylphenol - RE	ND	H	798	ND	H F	ug/Kg	☼	0	10 - 110	NC	55
2,4-Dinitrophenol - RE	ND	H	798	ND	H F	ug/Kg	☼	0	10 - 110	NC	99
2,4-Dinitrotoluene - RE	ND	H	798	625	J H	ug/Kg	☼	78	32 - 110	5	30
2,6-Dinitrotoluene - RE	ND	H	798	587	J H	ug/Kg	☼	74	35 - 110	8	30
Di-n-octyl phthalate - RE	ND	H	798	498	H	ug/Kg	☼	62	24 - 119	16	30
Fluoranthene - RE	62	H	798	2220	H F	ug/Kg	☼	271	10 - 110	78	99
Fluorene - RE	23	H	798	1220	H F	ug/Kg	☼	150	23 - 110	52	99
Hexachlorobenzene - RE	ND	H	798	547	H	ug/Kg	☼	69	34 - 110	3	30
Hexachlorobutadiene - RE	ND	H	798	483	H	ug/Kg	☼	61	25 - 110	17	34
Hexachlorocyclopentadiene - RE	ND	H	798	ND	H F	ug/Kg	☼	0	10 - 110	NC	79
Hexachloroethane - RE	ND	H	798	516	H	ug/Kg	☼	65	12 - 110	31	50
Indeno[1,2,3-cd]pyrene - RE	35	H	798	566	H	ug/Kg	☼	67	10 - 114	8	99
Isophorone - RE	ND	H	798	581	H	ug/Kg	☼	73	29 - 110	15	38
2-Methylnaphthalene - RE	240	H	798	2840	H F	ug/Kg	☼	326	10 - 133	6	42
2-Methylphenol - RE	ND	H	798	679	J H	ug/Kg	☼	85	24 - 110	11	51
3 & 4 Methylphenol - RE	ND	H	1600	1370	J H	ug/Kg	☼	86	25 - 110	6	50
Naphthalene - RE	170	H	798	3160	H F	ug/Kg	☼	374	10 - 111	42	99
2-Nitroaniline - RE	ND	H	798	621	J H	ug/Kg	☼	78	39 - 110	11	31
3-Nitroaniline - RE	ND	H	798	418	J H	ug/Kg	☼	52	10 - 110	3	30

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

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 63197 — **Prep Batch: 63002**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitroaniline - RE	ND	H	798	610	J H	ug/Kg	☼	76	10 - 110	16	48
Nitrobenzene - RE	ND	H	798	549	J H	ug/Kg	☼	69	23 - 110	19	41
2-Nitrophenol - RE	ND	H	798	572	H	ug/Kg	☼	72	10 - 110	14	49
4-Nitrophenol - RE	ND	H	798	ND	H F	ug/Kg	☼	0	10 - 113	NC	49
N-Nitrosodi-n-propylamine - RE	ND	H	798	593	H	ug/Kg	☼	74	26 - 110	18	42
N-Nitrosodiphenylamine - RE	ND	H	798	793	H	ug/Kg	☼	99	22 - 110	1	30
2,2'-oxybis[1-chloropropane] - RE	ND	H	798	554	J H	ug/Kg	☼	69	11 - 110	27	42
Pentachlorophenol - RE	ND	H	798	ND	H F	ug/Kg	☼	0	10 - 110	NC	50
Phenanthrene - RE	120	H	798	3950	H F	ug/Kg	☼	480	10 - 166	93	99
Phenol - RE	ND	H	798	2370	H F	ug/Kg	☼	296	17 - 110	84	53
Pyrene - RE	58	H	798	1430	H F	ug/Kg	☼	171	10 - 147	54	99
1,2,4-Trichlorobenzene - RE	ND	H	798	495	H	ug/Kg	☼	62	27 - 110	18	34
2,4,5-Trichlorophenol - RE	ND	H	798	611	J H	ug/Kg	☼	77	10 - 117	5	99
2,4,6-Trichlorophenol - RE	ND	H	798	538	J H	ug/Kg	☼	67	10 - 110	9	38

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr) - RE	*67*		*24 - 110*
2-Fluorophenol (Surr) - RE	*67*		*24 - 110*
Nitrobenzene-d5 (Surr) - RE	*63*		*20 - 110*
Phenol-d5 (Surr) - RE	*78*		*26 - 110*
Terphenyl-d14 (Surr) - RE	*63*		*36 - 110*
2,4,6-Tribromophenol (Surr) - RE	*60*		*10 - 110*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP)

Lab Sample ID: MB 240-61307/7 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61307

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		100	46	ug/Kg			10/15/12 14:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*94*		*10 - 150*		*10/15/12 14:10*	*1*

Lab Sample ID: LCS 240-61307/8 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61307

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C6-C12)			800	881		ug/Kg		110	60 - 142		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*97*		*10 - 150*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP) (Continued)

Lab Sample ID: 240-16213-2 MS — **Client Sample ID: IA07/B-01/16-18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C6-C12)	140		972	628		ug/Kg	☼	51	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*65*		*10 - 150*

Lab Sample ID: 240-16213-2 MSD — **Client Sample ID: IA07/B-01/16-18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C6-C12)	140		972	817		ug/Kg	☼	70	10 - 142	26	94

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Trifluorotoluene (Surr)	*77*		*10 - 150*

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C6-C12)	ND		953	599		ug/Kg	☼	63	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*81*		*10 - 150*

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C6-C12)	ND		953	564		ug/Kg	☼	59	10 - 142	6	94

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Trifluorotoluene (Surr)	*76*		*10 - 150*

Lab Sample ID: MB 240-61484/6 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		100	46	ug/Kg			10/16/12 12:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*72*		*10 - 150*		*10/16/12 12:49*	*1*

Method: 8015A/OVAP - Gasoline Range Organics (GRO-OVAP) (Continued)

Lab Sample ID: LCS 240-61484/7
Matrix: Solid
Analysis Batch: 61484

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C6-C12)	800	917		ug/Kg		115	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*87*		*10 - 150*

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

Lab Sample ID: MB 240-61800/23-A
Matrix: Solid
Analysis Batch: 62151

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 61800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		17	9.3	mg/Kg		10/18/12 09:36	10/22/12 04:11	1
Oil Range Organics (C20-C34)	ND		17	9.3	mg/Kg		10/18/12 09:36	10/22/12 04:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*47*		*10 - 110*	*10/18/12 09:36*	*10/22/12 04:11*	*1*

Lab Sample ID: LCS 240-61800/24-A
Matrix: Solid
Analysis Batch: 62151

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 61800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	83.3	57.1		mg/Kg		69	47 - 138

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

Lab Sample ID: 240-16213-2 MS
Matrix: Solid
Analysis Batch: 62151

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	3200		102	5290	4	mg/Kg	☼	2005	10 - 199

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Nonane	*45*		*10 - 110*

Lab Sample ID: 240-16213-2 MSD
Matrix: Solid
Analysis Batch: 62151

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel	3200		102	6670	4	mg/Kg	☼	3353	10 - 199	23	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Nonane	*41*		*10 - 110*

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

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62151 — **Prep Batch: 61800**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	400		101	1070	F	mg/Kg	☼	660	10 - 199

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Nonane	*38*		*10 - 110*

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62151 — **Prep Batch: 61800**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel	400		100	2770	4 F	mg/Kg	☼	2365	10 - 199	89	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Nonane	*54*		*10 - 110*

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

Lab Sample ID: MB 240-61331/6-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61431 — **Prep Batch: 61331**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.50	0.17	ug/L		10/15/12 11:41	10/16/12 08:36	1
Aroclor 1221	ND		0.50	0.13	ug/L		10/15/12 11:41	10/16/12 08:36	1
Aroclor 1232	ND		0.50	0.16	ug/L		10/15/12 11:41	10/16/12 08:36	1
Aroclor 1242	ND		0.50	0.22	ug/L		10/15/12 11:41	10/16/12 08:36	1
Aroclor 1248	ND		0.50	0.10	ug/L		10/15/12 11:41	10/16/12 08:36	1
Aroclor 1254	ND		0.50	0.16	ug/L		10/15/12 11:41	10/16/12 08:36	1
Aroclor 1260	ND		0.50	0.17	ug/L		10/15/12 11:41	10/16/12 08:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*35 - 137*	*10/15/12 11:41*	*10/16/12 08:36*	*1*
DCB Decachlorobiphenyl	*93*		*10 - 140*	*10/15/12 11:41*	*10/16/12 08:36*	*1*

Lab Sample ID: LCS 240-61331/7-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61431 — **Prep Batch: 61331**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	5.00	3.02		ug/L		60	56 - 130
Aroclor 1260	5.00	3.57		ug/L		71	43 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*61*		*35 - 137*
DCB Decachlorobiphenyl	*79*		*10 - 140*

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

Lab Sample ID: MB 240-61804/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62164 — **Prep Batch: 61804**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		33	21	ug/Kg		10/18/12 09:42	10/22/12 11:08	1
Aroclor 1221	ND		33	16	ug/Kg		10/18/12 09:42	10/22/12 11:08	1
Aroclor 1232	ND		33	14	ug/Kg		10/18/12 09:42	10/22/12 11:08	1
Aroclor 1242	ND		33	13	ug/Kg		10/18/12 09:42	10/22/12 11:08	1
Aroclor 1248	ND		33	17	ug/Kg		10/18/12 09:42	10/22/12 11:08	1
Aroclor 1254	ND		33	17	ug/Kg		10/18/12 09:42	10/22/12 11:08	1
Aroclor 1260	ND		33	17	ug/Kg		10/18/12 09:42	10/22/12 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*29 - 151*	*10/18/12 09:42*	*10/22/12 11:08*	*1*
DCB Decachlorobiphenyl	*75*		*14 - 163*	*10/18/12 09:42*	*10/22/12 11:08*	*1*

Lab Sample ID: LCS 240-61804/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62164 — **Prep Batch: 61804**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	333	279		ug/Kg		84	62 - 120
Aroclor 1260	333	226		ug/Kg		68	56 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*29 - 151*
DCB Decachlorobiphenyl	*73*		*14 - 163*

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62164 — **Prep Batch: 61804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	ND		403	165		ug/Kg	☼	41	22 - 157
Aroclor 1260	38	J	403	196		ug/Kg	☼	39	13 - 161

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*44*		*29 - 151*
DCB Decachlorobiphenyl	*41*		*14 - 163*

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62164 — **Prep Batch: 61804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	ND		397	225	F	ug/Kg	☼	57	22 - 157	31	30
Aroclor 1260	38	J	397	382	F	ug/Kg	☼	87	13 - 161	65	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*61*		*29 - 151*
DCB Decachlorobiphenyl	*61*		*14 - 163*

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

Lab Sample ID: MB 240-62603/24-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62830 — **Prep Batch: 62603**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		33	21	ug/Kg		10/24/12 13:54	10/26/12 08:19	1
Aroclor 1221	ND		33	16	ug/Kg		10/24/12 13:54	10/26/12 08:19	1
Aroclor 1232	ND		33	14	ug/Kg		10/24/12 13:54	10/26/12 08:19	1
Aroclor 1242	ND		33	13	ug/Kg		10/24/12 13:54	10/26/12 08:19	1
Aroclor 1248	ND		33	17	ug/Kg		10/24/12 13:54	10/26/12 08:19	1
Aroclor 1254	ND		33	17	ug/Kg		10/24/12 13:54	10/26/12 08:19	1
Aroclor 1260	ND		33	17	ug/Kg		10/24/12 13:54	10/26/12 08:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*189*	*X*	*29 - 151*	*10/24/12 13:54*	*10/26/12 08:19*	*1*
DCB Decachlorobiphenyl	*87*		*14 - 163*	*10/24/12 13:54*	*10/26/12 08:19*	*1*

Lab Sample ID: LCS 240-62603/23-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62830 — **Prep Batch: 62603**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	333	272		ug/Kg		81	62 - 120
Aroclor 1260	333	269		ug/Kg		81	56 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*		*29 - 151*
DCB Decachlorobiphenyl	*78*		*14 - 163*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-61125/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61125**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0746	J	20	0.071	mg/Kg		10/12/12 10:17	10/15/12 12:27	1
Cadmium	ND		0.20	0.036	mg/Kg		10/12/12 10:17	10/15/12 12:27	1
Chromium	ND		0.50	0.20	mg/Kg		10/12/12 10:17	10/15/12 12:27	1
Silver	ND		0.50	0.10	mg/Kg		10/12/12 10:17	10/15/12 12:27	1
Arsenic	ND		1.0	0.30	mg/Kg		10/12/12 10:17	10/15/12 12:27	1
Lead	ND		0.30	0.19	mg/Kg		10/12/12 10:17	10/15/12 12:27	1
Selenium	ND		0.50	0.45	mg/Kg		10/12/12 10:17	10/15/12 12:27	1

Lab Sample ID: LCS 240-61125/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61125**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	200	193		mg/Kg		97	80 - 120
Cadmium	5.00	4.89		mg/Kg		98	80 - 120
Chromium	20.0	19.4		mg/Kg		97	80 - 120
Silver	5.00	4.98		mg/Kg		100	80 - 120
Arsenic	200	187		mg/Kg		93	80 - 120

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

Lab Sample ID: LCS 240-61125/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61125**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	48.0		mg/Kg		96	80 - 120
Selenium	200	185		mg/Kg		93	80 - 120

Lab Sample ID: 240-16213-2 MS — **Client Sample ID: IA07/B-01/16-18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61125**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	59	B	209	226		mg/Kg	☼	80	75 - 125
Cadmium	0.063	J	5.24	4.82		mg/Kg	☼	91	75 - 125
Chromium	12		20.9	27.0	F	mg/Kg	☼	74	75 - 125
Silver	ND		5.24	4.93		mg/Kg	☼	94	75 - 125
Arsenic	2.4		209	187		mg/Kg	☼	88	75 - 125
Lead	15		52.4	55.1		mg/Kg	☼	76	75 - 125
Selenium	ND		209	185		mg/Kg	☼	88	75 - 125

Lab Sample ID: 240-16213-2 MSD — **Client Sample ID: IA07/B-01/16-18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61125**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	59	B	209	249		mg/Kg	☼	91	75 - 125	10	20
Cadmium	0.063	J	5.24	4.63		mg/Kg	☼	87	75 - 125	4	20
Chromium	12		20.9	39.4	F	mg/Kg	☼	133	75 - 125	37	20
Silver	ND		5.24	4.72		mg/Kg	☼	90	75 - 125	4	20
Arsenic	2.4		209	180		mg/Kg	☼	85	75 - 125	4	20
Lead	15		52.4	62.6		mg/Kg	☼	91	75 - 125	13	20
Selenium	ND		209	174		mg/Kg	☼	83	75 - 125	6	20

Lab Sample ID: MB 240-61161/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61161**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0855	J	20	0.071	mg/Kg		10/12/12 11:36	10/15/12 19:50	1
Cadmium	ND		0.20	0.036	mg/Kg		10/12/12 11:36	10/15/12 19:50	1
Chromium	ND		0.50	0.20	mg/Kg		10/12/12 11:36	10/15/12 19:50	1
Silver	ND		0.50	0.10	mg/Kg		10/12/12 11:36	10/15/12 19:50	1
Arsenic	ND		1.0	0.30	mg/Kg		10/12/12 11:36	10/15/12 19:50	1
Lead	ND		0.30	0.19	mg/Kg		10/12/12 11:36	10/15/12 19:50	1

Lab Sample ID: MB 240-61161/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61603 — **Prep Batch: 61161**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.50	0.45	mg/Kg		10/12/12 11:36	10/17/12 06:21	1

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

Lab Sample ID: LCS 240-61161/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61161**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	200	193		mg/Kg		96	80 - 120
Cadmium	5.00	4.86		mg/Kg		97	80 - 120
Chromium	20.0	19.6		mg/Kg		98	80 - 120
Silver	5.00	5.06		mg/Kg		101	80 - 120
Arsenic	200	187		mg/Kg		93	80 - 120
Lead	50.0	47.6		mg/Kg		95	80 - 120

Lab Sample ID: LCS 240-61161/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61603 — **Prep Batch: 61161**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	200	188		mg/Kg		94	80 - 120

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61161**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	420	B	202	1180	F	mg/Kg	☼	377	75 - 125
Cadmium	0.28		5.05	5.12		mg/Kg	☼	96	75 - 125
Chromium	160		20.2	1910	4	mg/Kg	☼	8644	75 - 125
Silver	ND		5.05	4.86		mg/Kg	☼	96	75 - 125
Arsenic	16		202	195		mg/Kg	☼	89	75 - 125
Lead	28		50.5	87.7		mg/Kg	☼	118	75 - 125

Lab Sample ID: 240-16213-13 MS — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61603 — **Prep Batch: 61161**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	1.2		202	176		mg/Kg	☼	87	75 - 125

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61465 — **Prep Batch: 61161**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	420	B	202	1250	F	mg/Kg	☼	414	75 - 125	6	20
Cadmium	0.28		5.05	5.78		mg/Kg	☼	109	75 - 125	12	20
Chromium	160		20.2	728	4 F	mg/Kg	☼	2793	75 - 125	90	20
Silver	ND		5.05	4.93		mg/Kg	☼	98	75 - 125	1	20
Arsenic	16		202	195		mg/Kg	☼	89	75 - 125	0	20
Lead	28		50.5	91.5	F	mg/Kg	☼	126	75 - 125	4	20

Lab Sample ID: 240-16213-13 MSD — **Client Sample ID: IA05/B-03/6-8**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 61603 — **Prep Batch: 61161**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium	1.2		202	176		mg/Kg	☼	87	75 - 125	0	20

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

Lab Sample ID: MB 240-61655/1-A
Matrix: Water
Analysis Batch: 62001

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 61655

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	0.67	ug/L		10/17/12 10:57	10/18/12 21:38	1
Cadmium	ND		2.0	0.66	ug/L		10/17/12 10:57	10/18/12 21:38	1
Chromium	ND		5.0	2.2	ug/L		10/17/12 10:57	10/18/12 21:38	1
Silver	ND		5.0	2.2	ug/L		10/17/12 10:57	10/18/12 21:38	1
Arsenic	ND		10	3.2	ug/L		10/17/12 10:57	10/18/12 21:38	1
Lead	ND		3.0	1.9	ug/L		10/17/12 10:57	10/18/12 21:38	1
Selenium	ND		5.0	4.1	ug/L		10/17/12 10:57	10/18/12 21:38	1

Lab Sample ID: LCS 240-61655/2-A
Matrix: Water
Analysis Batch: 62001

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 61655

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	2000	2000		ug/L		100	80 - 120
Cadmium	50.0	49.9		ug/L		100	80 - 120
Chromium	200	200		ug/L		100	80 - 120
Silver	50.0	50.9		ug/L		102	80 - 120
Arsenic	2000	1980		ug/L		99	80 - 120
Lead	500	495		ug/L		99	80 - 120
Selenium	2000	2020		ug/L		101	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-61264/1-A
Matrix: Water
Analysis Batch: 61728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 61264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/15/12 08:10	10/17/12 13:20	1

Lab Sample ID: LCS 240-61264/2-A
Matrix: Water
Analysis Batch: 61728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 61264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	5.08		ug/L		102	81 - 123

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 240-61139/1-A
Matrix: Solid
Analysis Batch: 61363

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 61139

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.015	mg/Kg		10/12/12 14:20	10/15/12 12:16	1

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

Lab Sample ID: LCS 240-61139/2-A
Matrix: Solid
Analysis Batch: 61363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 61139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.685		mg/Kg		82	73 - 121

Lab Sample ID: 240-16213-2 MS
Matrix: Solid
Analysis Batch: 61363

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.225	0.236		mg/Kg	☼	105	11 - 192

Lab Sample ID: 240-16213-2 MSD
Matrix: Solid
Analysis Batch: 61363

Client Sample ID: IA07/B-01/16-18
Prep Type: Total/NA
Prep Batch: 61139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.225	0.240		mg/Kg	☼	107	11 - 192	2	20

Lab Sample ID: MB 240-61168/1-A
Matrix: Solid
Analysis Batch: 61363

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 61168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.015	mg/Kg		10/12/12 14:20	10/15/12 13:07	1

Lab Sample ID: LCS 240-61168/2-A
Matrix: Solid
Analysis Batch: 61363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 61168

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.705		mg/Kg		85	73 - 121

Lab Sample ID: 240-16213-13 MS
Matrix: Solid
Analysis Batch: 61363

Client Sample ID: IA05/B-03/6-8
Prep Type: Total/NA
Prep Batch: 61168

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.055	J	0.205	0.246		mg/Kg	☼	93	11 - 192

Lab Sample ID: 240-16213-13 MSD
Matrix: Solid
Analysis Batch: 61363

Client Sample ID: IA05/B-03/6-8
Prep Type: Total/NA
Prep Batch: 61168

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.055	J	0.205	0.239		mg/Kg	☼	90	11 - 192	3	20

QC Association Summary

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

TestAmerica Job ID: 240-16213-1

GC/MS VOA

Analysis Batch: 61669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-15	RIN-02/101012	Total/NA	Water	8260B	
240-16213-16	RIN-03/101012	Total/NA	Water	8260B	
240-16213-19	TB-07/101012	Total/NA	Water	8260B	
240-16213-20	TB-08/101012	Total/NA	Water	8260B	
240-16213-21	TB-09/101012	Total/NA	Water	8260B	
LCS 240-61669/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-61669/5	Method Blank	Total/NA	Water	8260B	

Prep Batch: 61830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	5035	
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	5035	
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	5035	
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	5035	
240-16213-3	STRAT-05/2-4	Total/NA	Solid	5035	
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	5035	
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	5035	
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	5035	
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	5035	
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	5035	
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	5035	
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	5035	
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	5035	
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	5035	
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	5035	
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	5035	
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	5035	
240-16213-17	DUP-02/101012	Total/NA	Solid	5035	
240-16213-18	DUP-03/101012	Total/NA	Solid	5035	

Analysis Batch: 62098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	8260B	61830
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	8260B	61830
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	8260B	61830
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	8260B	61830
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	8260B	61830
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	8260B	61830
LCS 240-62098/7	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-62098/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 62322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-3	STRAT-05/2-4	Total/NA	Solid	8260B	61830
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	8260B	61830
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	8260B	61830
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	8260B	61830
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	8260B	61830
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	8260B	61830
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	8260B	61830
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	8260B	61830
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	8260B	61830

GC/MS VOA (Continued)

Analysis Batch: 62322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	8260B	61830
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	8260B	
LCS 240-62322/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-62322/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 62483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	8260B	61830
240-16213-17	DUP-02/101012	Total/NA	Solid	8260B	61830
240-16213-18	DUP-03/101012	Total/NA	Solid	8260B	61830
LCS 240-62483/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-62483/6	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 61305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-15	RIN-02/101012	Total/NA	Water	3520C	
240-16213-16	RIN-03/101012	Total/NA	Water	3520C	
LCS 240-61305/22-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-61305/21-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 61760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-15	RIN-02/101012	Total/NA	Water	8270C	61305
240-16213-16	RIN-03/101012	Total/NA	Water	8270C	61305
LCS 240-61305/22-A	Lab Control Sample	Total/NA	Water	8270C	61305
MB 240-61305/21-A	Method Blank	Total/NA	Water	8270C	61305

Prep Batch: 61797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	3540C	
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	3540C	
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	3540C	
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	3540C	
240-16213-3	STRAT-05/2-4	Total/NA	Solid	3540C	
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	3540C	
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	3540C	
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	3540C	
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	3540C	
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	3540C	
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	3540C	
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	3540C	
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	3540C	
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	3540C	
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	3540C	
240-16213-17	DUP-02/101012	Total/NA	Solid	3540C	
240-16213-18	DUP-03/101012	Total/NA	Solid	3540C	
LCS 240-61797/24-A	Lab Control Sample	Total/NA	Solid	3540C	

GC/MS Semi VOA (Continued)

Prep Batch: 61797 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-61797/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 62103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	8270C	61797
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	8270C	61797
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	8270C	61797
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	8270C	61797
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	8270C	61797
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	8270C	61797
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	8270C	61797
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	8270C	61797
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	8270C	61797
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	8270C	61797
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	8270C	61797
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	8270C	61797
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	8270C	61797
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	8270C	61797
240-16213-17	DUP-02/101012	Total/NA	Solid	8270C	61797
240-16213-18	DUP-03/101012	Total/NA	Solid	8270C	61797
LCS 240-61797/24-A	Lab Control Sample	Total/NA	Solid	8270C	61797
MB 240-61797/23-A	Method Blank	Total/NA	Solid	8270C	61797

Analysis Batch: 62337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	8270C	61797
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	8270C	61797
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	8270C	61797
240-16213-3	STRAT-05/2-4	Total/NA	Solid	8270C	61797

Prep Batch: 63002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-13 - RE	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-13 MS - RE	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-13 MSD - RE	IA05/B-03/6-8	Total/NA	Solid	3540C	
LCS 240-63002/8-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-63002/7-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 63197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-13 - RE	IA05/B-03/6-8	Total/NA	Solid	8270C	63002
240-16213-13 MS - RE	IA05/B-03/6-8	Total/NA	Solid	8270C	63002
240-16213-13 MSD - RE	IA05/B-03/6-8	Total/NA	Solid	8270C	63002
LCS 240-63002/8-A	Lab Control Sample	Total/NA	Solid	8270C	63002
MB 240-63002/7-A	Method Blank	Total/NA	Solid	8270C	63002

GC VOA

Analysis Batch: 61307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	8015A/OVAP	
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	8015A/OVAP	

GC VOA (Continued)

Analysis Batch: 61307 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	8015A/OVAP	
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	8015A/OVAP	
240-16213-3	STRAT-05/2-4	Total/NA	Solid	8015A/OVAP	
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	8015A/OVAP	
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	8015A/OVAP	
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	8015A/OVAP	
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	8015A/OVAP	
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	8015A/OVAP	
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	8015A/OVAP	
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	8015A/OVAP	
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	8015A/OVAP	
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	8015A/OVAP	
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	8015A/OVAP	
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	8015A/OVAP	
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	8015A/OVAP	
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	8015A/OVAP	
240-16213-18	DUP-03/101012	Total/NA	Solid	8015A/OVAP	
LCS 240-61307/8	Lab Control Sample	Total/NA	Solid	8015A/OVAP	
MB 240-61307/7	Method Blank	Total/NA	Solid	8015A/OVAP	

Analysis Batch: 61484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-17	DUP-02/101012	Total/NA	Solid	8015A/OVAP	
LCS 240-61484/7	Lab Control Sample	Total/NA	Solid	8015A/OVAP	
MB 240-61484/6	Method Blank	Total/NA	Solid	8015A/OVAP	

GC Semi VOA

Prep Batch: 61331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-16	RIN-03/101012	Total/NA	Water	3510C	
LCS 240-61331/7-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-61331/6-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 61431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-16	RIN-03/101012	Total/NA	Water	8082	61331
LCS 240-61331/7-A	Lab Control Sample	Total/NA	Water	8082	61331
MB 240-61331/6-A	Method Blank	Total/NA	Water	8082	61331

Prep Batch: 61800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	3540C	
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	3540C	
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	3540C	
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	3540C	
240-16213-3	STRAT-05/2-4	Total/NA	Solid	3540C	
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	3540C	
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	3540C	
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	3540C	
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	3540C	
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	3540C	

GC Semi VOA (Continued)

Prep Batch: 61800 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	3540C	
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	3540C	
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	3540C	
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	3540C	
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	3540C	
240-16213-17	DUP-02/101012	Total/NA	Solid	3540C	
240-16213-18	DUP-03/101012	Total/NA	Solid	3540C	
LCS 240-61800/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-61800/23-A	Method Blank	Total/NA	Solid	3540C	

Prep Batch: 61804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-3	STRAT-05/2-4	Total/NA	Solid	3540C	
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	3540C	
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	3540C	
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	3540C	
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	3540C	
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	3540C	
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	3540C	
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	3540C	
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	3540C	
240-16213-18	DUP-03/101012	Total/NA	Solid	3540C	
LCS 240-61804/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-61804/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 62151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	8015B	61800
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	8015B	61800
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	8015B	61800
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	8015B	61800
240-16213-3	STRAT-05/2-4	Total/NA	Solid	8015B	61800
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	8015B	61800
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	8015B	61800
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	8015B	61800
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	8015B	61800
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	8015B	61800
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	8015B	61800
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	8015B	61800
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	8015B	61800
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	8015B	61800
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	8015B	61800
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	8015B	61800
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	8015B	61800
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	8015B	61800
240-16213-17	DUP-02/101012	Total/NA	Solid	8015B	61800
LCS 240-61800/24-A	Lab Control Sample	Total/NA	Solid	8015B	61800

GC Semi VOA (Continued)

Analysis Batch: 62151 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-61800/23-A	Method Blank	Total/NA	Solid	8015B	61800

Analysis Batch: 62164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-3	STRAT-05/2-4	Total/NA	Solid	8082	61804
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	8082	61804
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	8082	61804
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	8082	61804
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	8082	61804
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	8082	61804
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	8082	61804
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	8082	61804
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	8082	61804
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	8082	61804
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	8082	61804
240-16213-18	DUP-03/101012	Total/NA	Solid	8082	61804
LCS 240-61804/24-A	Lab Control Sample	Total/NA	Solid	8082	61804
MB 240-61804/23-A	Method Blank	Total/NA	Solid	8082	61804

Analysis Batch: 62577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-18	DUP-03/101012	Total/NA	Solid	8015B	61800

Prep Batch: 62603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	3540C	
LCS 240-62603/23-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-62603/24-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 62830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	8082	62603
LCS 240-62603/23-A	Lab Control Sample	Total/NA	Solid	8082	62603
MB 240-62603/24-A	Method Blank	Total/NA	Solid	8082	62603

Metals

Prep Batch: 61125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	3050B	
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	3050B	
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	3050B	
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	3050B	
240-16213-3	STRAT-05/2-4	Total/NA	Solid	3050B	
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	3050B	
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	3050B	
LCS 240-61125/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-61125/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 61139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 61139 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	7471A	
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	7471A	
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	7471A	
240-16213-3	STRAT-05/2-4	Total/NA	Solid	7471A	
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	7471A	
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	7471A	
LCS 240-61139/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 240-61139/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 61161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	3050B	
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	3050B	
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	3050B	
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	3050B	
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	3050B	
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	3050B	
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	3050B	
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	3050B	
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	3050B	
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	3050B	
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	3050B	
240-16213-17	DUP-02/101012	Total/NA	Solid	3050B	
240-16213-18	DUP-03/101012	Total/NA	Solid	3050B	
LCS 240-61161/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-61161/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 61168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	7471A	
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	7471A	
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	7471A	
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	7471A	
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	7471A	
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	7471A	
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	7471A	
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	7471A	
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	7471A	
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	7471A	
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	7471A	
240-16213-17	DUP-02/101012	Total/NA	Solid	7471A	
240-16213-18	DUP-03/101012	Total/NA	Solid	7471A	
LCS 240-61168/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 240-61168/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 61264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-15	RIN-02/101012	Total/NA	Water	7470A	
240-16213-16	RIN-03/101012	Total/NA	Water	7470A	
LCS 240-61264/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-61264/1-A	Method Blank	Total/NA	Water	7470A	

QC Association Summary

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

TestAmerica Job ID: 240-16213-1

Metals (Continued)

Analysis Batch: 61363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	7471A	61139
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	7471A	61139
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	7471A	61139
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	7471A	61139
240-16213-3	STRAT-05/2-4	Total/NA	Solid	7471A	61139
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	7471A	61139
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	7471A	61139
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	7471A	61168
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	7471A	61168
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	7471A	61168
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	7471A	61168
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	7471A	61168
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	7471A	61168
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	7471A	61168
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	7471A	61168
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	7471A	61168
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	7471A	61168
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	7471A	61168
240-16213-17	DUP-02/101012	Total/NA	Solid	7471A	61168
240-16213-18	DUP-03/101012	Total/NA	Solid	7471A	61168
LCS 240-61139/2-A	Lab Control Sample	Total/NA	Solid	7471A	61139
LCS 240-61168/2-A	Lab Control Sample	Total/NA	Solid	7471A	61168
MB 240-61139/1-A	Method Blank	Total/NA	Solid	7471A	61139
MB 240-61168/1-A	Method Blank	Total/NA	Solid	7471A	61168

Analysis Batch: 61465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	6010B	61125
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	6010B	61125
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	6010B	61125
240-16213-2 MS	IA07/B-01/16-18	Total/NA	Solid	6010B	61125
240-16213-2 MSD	IA07/B-01/16-18	Total/NA	Solid	6010B	61125
240-16213-3	STRAT-05/2-4	Total/NA	Solid	6010B	61125
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	6010B	61125
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	6010B	61125
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	6010B	61161
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	6010B	61161
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	6010B	61161
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	6010B	61161
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	6010B	61161
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	6010B	61161
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	6010B	61161
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	6010B	61161
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	6010B	61161
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	6010B	61161
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	6010B	61161
240-16213-17	DUP-02/101012	Total/NA	Solid	6010B	61161
240-16213-18	DUP-03/101012	Total/NA	Solid	6010B	61161
LCS 240-61125/2-A	Lab Control Sample	Total/NA	Solid	6010B	61125
LCS 240-61161/2-A	Lab Control Sample	Total/NA	Solid	6010B	61161
MB 240-61125/1-A	Method Blank	Total/NA	Solid	6010B	61125
MB 240-61161/1-A	Method Blank	Total/NA	Solid	6010B	61161

Metals (Continued)

Analysis Batch: 61603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	6010B	61161
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	6010B	61161
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	6010B	61161
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	6010B	61161
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	6010B	61161
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	6010B	61161
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	6010B	61161
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	6010B	61161
240-16213-13 MS	IA05/B-03/6-8	Total/NA	Solid	6010B	61161
240-16213-13 MSD	IA05/B-03/6-8	Total/NA	Solid	6010B	61161
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	6010B	61161
240-16213-17	DUP-02/101012	Total/NA	Solid	6010B	61161
240-16213-18	DUP-03/101012	Total/NA	Solid	6010B	61161
LCS 240-61161/2-A	Lab Control Sample	Total/NA	Solid	6010B	61161
MB 240-61161/1-A	Method Blank	Total/NA	Solid	6010B	61161

Prep Batch: 61655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-15	RIN-02/101012	Total Recoverable	Water	3005A	
240-16213-16	RIN-03/101012	Total Recoverable	Water	3005A	
LCS 240-61655/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-61655/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 61728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-15	RIN-02/101012	Total/NA	Water	7470A	61264
240-16213-16	RIN-03/101012	Total/NA	Water	7470A	61264
LCS 240-61264/2-A	Lab Control Sample	Total/NA	Water	7470A	61264
MB 240-61264/1-A	Method Blank	Total/NA	Water	7470A	61264

Analysis Batch: 62001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-15	RIN-02/101012	Total Recoverable	Water	6010B	61655
240-16213-16	RIN-03/101012	Total Recoverable	Water	6010B	61655
LCS 240-61655/2-A	Lab Control Sample	Total Recoverable	Water	6010B	61655
MB 240-61655/1-A	Method Blank	Total Recoverable	Water	6010B	61655

General Chemistry

Analysis Batch: 61196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-1	IA07/B-01/1-3	Total/NA	Solid	Moisture	
240-16213-2	IA07/B-01/16-18	Total/NA	Solid	Moisture	
240-16213-2 DU	IA07/B-01/16-18	Total/NA	Solid	Moisture	
240-16213-3	STRAT-05/2-4	Total/NA	Solid	Moisture	
240-16213-4	IA07/B-02/6-8	Total/NA	Solid	Moisture	
240-16213-5	IA04/B-03/3-5	Total/NA	Solid	Moisture	
240-16213-6	IA04/B-06/2-4	Total/NA	Solid	Moisture	
240-16213-7	IA04/B-04/3-5	Total/NA	Solid	Moisture	
240-16213-8	IA05/B-04/2-4	Total/NA	Solid	Moisture	
240-16213-9	IA05/B-01/2-4	Total/NA	Solid	Moisture	
240-16213-10	IA05/B-01/10-12	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 61196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16213-11	IA05/B-02/4-6	Total/NA	Solid	Moisture	
240-16213-12	IA05/B-02/12-4	Total/NA	Solid	Moisture	
240-16213-13	IA05/B-03/6-8	Total/NA	Solid	Moisture	
240-16213-13 DU	IA05/B-03/6-8	Total/NA	Solid	Moisture	
240-16213-14	IA05/B-03/16-18	Total/NA	Solid	Moisture	
240-16213-17	DUP-02/101012	Total/NA	Solid	Moisture	
240-16213-18	DUP-03/101012	Total/NA	Solid	Moisture	

Lab Chronicle

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA07/B-01/1-3

Lab Sample ID: 240-16213-1

Date Collected: 10/10/12 08:55
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62098	10/20/12 05:37	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		50	62337	10/23/12 10:33	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 15:18	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		50	62151	10/21/12 20:29	DB	TAL NC
Total/NA	Prep	3540C			62603	10/24/12 13:54	LH	TAL NC
Total/NA	Analysis	8082		1	62830	10/26/12 07:18	LH	TAL NC
Total/NA	Prep	7471A			61139	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 12:25	DH	TAL NC
Total/NA	Prep	3050B			61125	10/12/12 10:17	DE	TAL NC
Total/NA	Analysis	6010B		5	61465	10/16/12 03:41	KC	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 13:00	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA07/B-01/16-18

Lab Sample ID: 240-16213-2

Date Collected: 10/10/12 09:05
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62098	10/20/12 05:58	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		50	62103	10/20/12 21:10	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 15:52	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		50	62151	10/22/12 10:09	DB	TAL NC
Total/NA	Prep	7471A			61139	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 12:20	DH	TAL NC
Total/NA	Prep	3050B			61125	10/12/12 10:17	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 12:38	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: STRAT-05/2-4

Lab Sample ID: 240-16213-3

Date Collected: 10/10/12 10:50
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 70.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62322	10/23/12 02:24	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1000	62337	10/23/12 10:55	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		10	61307	10/15/12 17:35	HMB	TAL NC

Lab Chronicle

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: STRAT-05/2-4

Lab Sample ID: 240-16213-3

Date Collected: 10/10/12 10:50
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 70.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		500	62151	10/22/12 11:41	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 08:41	LH	TAL NC
Total/NA	Prep	7471A			61139	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 12:27	DH	TAL NC
Total/NA	Prep	3050B			61125	10/12/12 10:17	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 13:06	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA07/B-02/6-8

Lab Sample ID: 240-16213-4

Date Collected: 10/10/12 11:10
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62098	10/20/12 07:23	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 19:13	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 18:10	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/21/12 23:04	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 08:54	LH	TAL NC
Total/NA	Prep	7471A			61139	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 12:29	DH	TAL NC
Total/NA	Prep	3050B			61125	10/12/12 10:17	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 13:12	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA04/B-03/3-5

Lab Sample ID: 240-16213-5

Date Collected: 10/10/12 11:50
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62098	10/20/12 07:44	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 19:37	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		10	61307	10/15/12 18:44	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/21/12 23:35	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 09:08	LH	TAL NC

Client Sample ID: IA04/B-03/3-5

Lab Sample ID: 240-16213-5

Date Collected: 10/10/12 11:50
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			61139	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 12:31	DH	TAL NC
Total/NA	Prep	3050B			61125	10/12/12 10:17	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 13:17	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA04/B-06/2-4

Lab Sample ID: 240-16213-6

Date Collected: 10/10/12 12:10
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62322	10/23/12 04:10	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 20:00	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 19:18	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/22/12 00:05	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 09:21	LH	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:16	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 20:24	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/17/12 06:26	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA04/B-04/3-5

Lab Sample ID: 240-16213-7

Date Collected: 10/10/12 12:25
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62322	10/23/12 04:31	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 20:23	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 20:27	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/22/12 00:36	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 09:34	LH	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:18	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC

Lab Chronicle

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA04/B-04/3-5

Lab Sample ID: 240-16213-7

Date Collected: 10/10/12 12:25
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	61465	10/15/12 20:41	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/16/12 15:52	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA05/B-04/2-4

Lab Sample ID: 240-16213-8

Date Collected: 10/10/12 12:45
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62483	10/24/12 01:58	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 20:46	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 21:02	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/22/12 01:07	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 09:48	LH	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:20	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 20:46	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/17/12 05:19	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA05/B-01/2-4

Lab Sample ID: 240-16213-9

Date Collected: 10/10/12 14:15
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62322	10/23/12 04:53	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		4	62103	10/20/12 17:26	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 21:36	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/22/12 01:38	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 10:01	LH	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:22	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 20:52	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/17/12 06:32	KC	TAL NC

Lab Chronicle

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-01/2-4

Lab Sample ID: 240-16213-9

Date Collected: 10/10/12 14:15
Matrix: Solid
Date Received: 10/11/12 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA05/B-01/10-12

Lab Sample ID: 240-16213-10

Date Collected: 10/10/12 14:20
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62322	10/23/12 05:14	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 12:58	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 22:10	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/22/12 02:08	DB	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:28	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 20:58	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/16/12 16:09	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA05/B-02/4-6

Lab Sample ID: 240-16213-11

Date Collected: 10/10/12 15:20
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62322	10/23/12 05:35	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 13:22	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 22:45	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		10	62151	10/22/12 12:12	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 10:14	LH	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:30	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 21:03	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/16/12 16:15	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA05/B-02/12-4

Lab Sample ID: 240-16213-12

Date Collected: 10/10/12 15:30
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62322	10/23/12 05:57	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 13:45	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 23:19	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/22/12 03:10	DB	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:32	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 21:09	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/16/12 16:21	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA05/B-03/6-8

Lab Sample ID: 240-16213-13

Date Collected: 10/10/12 16:00
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62322	10/23/12 01:20	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		1	62103	10/20/12 14:08	TH	TAL NC
Total/NA	Prep	3540C	RE		63002	10/27/12 09:20	SE	TAL NC
Total/NA	Analysis	8270C	RE	2.5	63197	10/30/12 11:14	MU	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/15/12 23:53	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		10	62151	10/22/12 03:41	DB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 10:27	LH	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:10	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 20:01	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/16/12 15:13	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: IA05/B-03/16-18

Lab Sample ID: 240-16213-14

Date Collected: 10/10/12 16:20
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	62322	10/23/12 00:51	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC

Lab Chronicle

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: IA05/B-03/16-18

Lab Sample ID: 240-16213-14

Date Collected: 10/10/12 16:20
Date Received: 10/11/12 07:15

Matrix: Solid
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270C		1	62103	10/20/12 15:18	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/16/12 01:35	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		1	62151	10/22/12 06:13	DB	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:34	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 21:15	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/16/12 16:26	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: RIN-02/101012

Lab Sample ID: 240-16213-15

Date Collected: 10/10/12 10:20
Date Received: 10/11/12 07:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61669	10/17/12 19:26	RQ	TAL NC
Total/NA	Prep	3520C			61305	10/15/12 10:20	CC	TAL NC
Total/NA	Analysis	8270C		1	61760	10/18/12 17:45	TH	TAL NC
Total/NA	Prep	7470A			61264	10/15/12 08:10	SG	TAL NC
Total/NA	Analysis	7470A		1	61728	10/17/12 14:03	DH	TAL NC
Total Recoverable	Prep	3005A			61655	10/17/12 10:57	SG	TAL NC
Total Recoverable	Analysis	6010B		1	62001	10/18/12 23:58	KC	TAL NC

Client Sample ID: RIN-03/101012

Lab Sample ID: 240-16213-16

Date Collected: 10/10/12 16:55
Date Received: 10/11/12 07:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61669	10/17/12 19:47	RQ	TAL NC
Total/NA	Prep	3520C			61305	10/15/12 10:20	CC	TAL NC
Total/NA	Analysis	8270C		1	61760	10/18/12 18:09	TH	TAL NC
Total/NA	Prep	3510C			61331	10/15/12 11:41	CC	TAL NC
Total/NA	Analysis	8082		1	61431	10/16/12 07:40	LH	TAL NC
Total/NA	Prep	7470A			61264	10/15/12 08:10	SG	TAL NC
Total/NA	Analysis	7470A		1	61728	10/17/12 14:09	DH	TAL NC
Total Recoverable	Prep	3005A			61655	10/17/12 10:57	SG	TAL NC
Total Recoverable	Analysis	6010B		1	62001	10/19/12 00:05	KC	TAL NC

Client Sample ID: DUP-02/101012

Lab Sample ID: 240-16213-17

Date Collected: 10/10/12 00:00
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62483	10/24/12 02:41	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		50	62103	10/20/12 18:50	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61484	10/16/12 16:00	HMB	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		100	62151	10/22/12 12:42	DB	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:36	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 21:20	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/16/12 16:32	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: DUP-03/101012

Lab Sample ID: 240-16213-18

Date Collected: 10/10/12 00:00
Matrix: Solid
Date Received: 10/11/12 07:15
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			61830	10/11/12 19:00	LM	TAL NC
Total/NA	Analysis	8260B		1	62483	10/24/12 02:19	TL	TAL NC
Total/NA	Prep	3540C			61797	10/18/12 09:30	CC	TAL NC
Total/NA	Analysis	8270C		10	62103	10/20/12 17:49	TH	TAL NC
Total/NA	Analysis	8015A/OVAP		1	61307	10/16/12 03:18	HMB	TAL NC
Total/NA	Prep	3540C			61804	10/18/12 09:42	LH	TAL NC
Total/NA	Analysis	8082		1	62164	10/22/12 11:34	LH	TAL NC
Total/NA	Prep	3540C			61800	10/18/12 09:36	CC	TAL NC
Total/NA	Analysis	8015B		10	62577	10/24/12 18:08	DB	TAL NC
Total/NA	Prep	7471A			61168	10/12/12 14:20	DE	TAL NC
Total/NA	Analysis	7471A		1	61363	10/15/12 13:39	DH	TAL NC
Total/NA	Prep	3050B			61161	10/12/12 11:36	DE	TAL NC
Total/NA	Analysis	6010B		1	61465	10/15/12 21:26	KC	TAL NC
Total/NA	Analysis	6010B		1	61603	10/17/12 05:31	KC	TAL NC
Total/NA	Analysis	Moisture		1	61196	10/12/12 14:34	CN	TAL NC

Client Sample ID: TB-07/101012

Lab Sample ID: 240-16213-19

Date Collected: 10/10/12 00:00
Matrix: Water
Date Received: 10/11/12 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61669	10/17/12 20:09	RQ	TAL NC

Lab Chronicle

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

TestAmerica Job ID: 240-16213-1

Client Sample ID: TB-08/101012

Lab Sample ID: 240-16213-20

Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61669	10/17/12 20:31	RQ	TAL NC

Client Sample ID: TB-09/101012

Lab Sample ID: 240-16213-21

Date Collected: 10/10/12 00:00
Date Received: 10/11/12 07:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61669	10/17/12 20:52	RQ	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: 240-16213-1

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, OH
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
Address: 1382 W 9th St. Suite 200	Telephone: 216-344-3072	Telephone: 216-344-3072	Telephone: 330-497-9396
City/State/Zip: Cleveland, OH 44113	Email: KTeuscher@trcsolutions.com		
Phone: 216-344-3072		TAT if different from below: Standard; ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Project Name: Canton Drop Forge	Method of Shipment/Carrier: Drop off		
Project Number: 196603	Shipping/Tracking No:		
PO# TBD			

COC No: 024409
1 of 3 COCs

Analyses: VOC, SVOC, PCB, RCRA Metals, TPH-DRO, TPH-GRO

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Encore	Other:	# Containers	Preservative	Filtered (Y/N)	Sample Specific Notes / Special Instructions:
1A07/B-01/1-3	10/10/12	855				X								3	2	1	N	G	X	X	X	X	X	X					* MS/MSD
1A07/B-01/16-18		905				X								3	2	1	N	G	X	X		X	X	X					taken at 1A07/
Strat-05/2-4		1050				X								3	2	1	N	G	X	X	X	X	X	X					B-01/16-18;
1A07/B-02/6-8		1110				X								3	2	1	N	G	X	X	X	X	X	X					9 unpreserved, 6 HNO3;
1A04/B-03/3-5		1150				X								3	2	1	N	G	X	X	X	X	X	X					3 Methanol containers
1A04/B-06/2-4		1210				X								3	2	1	N	G	X	X	X	X	X	X					
1A04/B-04/3-5		1225				X								3	2	1	N	G	X	X	X	X	X	X					
1A05/B-04/2-4		1245				X								3	2	1	N	G	X	X	X	X	X	X					
1A05/B-01/2-4		1415				X								3	2	1	N	G	X	X	X	X	X	X					
1A05/B-01/10-12		1420				X								3	2	1	N	G	X	X		X	X	X					

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

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

Special Instructions/QC Requirements & Comments:
Ohio VAP

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TRC	10/11/12 715	[signature]	TAL	10/11/12 715
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: TRC	Client Project Manager: Kathie Teuscher	Site Contact: Mike Batto	Lab Contact: Jeff Smith	COC No: 024415
Address: 1382 W 9th St Suite 200	Telephone: 216-344-3072	Telephone: 216-344-3072	Telephone: 330-497-9396	2 of 3 COCs
City/State/Zip: Cleveland, OH 44113	Email: KTeuscher@tresdufions.com	Analysis Turnaround Time (in Business)		
Phone: 216-344-3072		TAT if different from below Standard ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
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: DI	Methanol	Filtered Sample (Y/N)	Composite (Y/N)	VOC	SVOC	PCB	RCRA Metals	TPH-DRO	TPH-GRO	Sample Specific Notes / Special Instructions:
1A05/B-02/4-6	10/10/12	1520				X							3	2	1	N	G	X	X	X	X	X	X	*MS/MSD taken
1A05/B-02/12-4		1530				X							3	2	1	N	G	X	X		X	X	X	at 1A05/B-03/6-8
1A05/B-03/6-8		1600				X							9	6	3	N	G	X	X	X	X	X	X	
1A05/B-03/16-18		1620				X							3	X	X	N	G	X	X		X	X	X	*1A05/B-03/16-18
RIN-02/101012		1020		X					1	3			2			N	G	X	X		X			VOC collected in
RIN-03/101012		1655		X					1	3			4			N	G	X	X	X	X			2oz jar.
DUP-02/101012						X							3	2	1	N	G	X	X		X	X	X	
DUP-03/101012						X							3	2	1	N	G	X	X	X	X	X	X	
TB-07/101012				X						2						N	G	X						
TB-08/101012				X						2						N	G	X						

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

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

Special Instructions/QC Requirements & Comments: Ohio VAP

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TRC	10/11/12 715	[signature]	TAL	10/11/12 0715
			Received in Laboratory by:		

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TAL 0018-1 (04/10)

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

TestAmerica Laboratory location: North Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other Ohio VAP

Client Contact				
Company Name: TRC	Client Project Manager: Kathie Teuscher	Site Contact: Mike Bittle	Lab Contact: Jeff Smith	COC No: 024414
Address: 1382 W 9th St Suite 200	Telephone: 216-344-3072	Telephone: 216-344-3072	Telephone: 330-497-9396	3 of 3 COCs
City/State/Zip: Cleveland, OH 44113	Email: KTeuscher@trcsolutions.com	Analysis Turnaround Time: Calendar days	Analyses	
Phone: 216-344-3072		TAT if different from below: Standard; ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: Canton Drop Forge	Method of Shipment/Carrier: Drop-off			
Project Number: 196663	Shipping/Tracking No:			
PO# TBD				

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)	Perform MS/MSD (Y/N)	Total # of Containers	VOC	Sample Specific Notes / Special Instructions:
TB-09/101012	10/10/12			X						2					N	N		X	

10/10/12 Mike A Kurnij

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

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

Special Instructions/QC Requirements & Comments: Ohio VAP

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TRC	10/11/12 715	[signature]	TRC	10/11/12 0715
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL 0018- 1 (04/10)

TestAmerica Canton Sample Receipt Form/Narrative Login #: 16213

Client TRC Site Name _____ By: _____ (Signature)

Cooler Received on 10-11-12 Opened on 10-11-12

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

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF 0°C)	Observed Sample Temp. ____ °C	Corrected Sample Temp. ____ °C
IR GUN# 4G	(CF –1°C)	Observed Sample Temp. ____ °C	Corrected Sample Temp. ____ °C
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

Multiple on Back

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 5 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

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
ZIN-02	<2	10-11-12	MS
↓ 03	<2	↓	↓

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant
NC#	2.8	2.8	8	ice
NC#	3.3	3.3		
A267	2.6	2.6		
241-2189	4.1	4.1		
TA Canton	2.2	2.2		

Login Sample Receipt Checklist

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-16213-1

Login Number: 16213
List Number: 1
Creator: Maddux, Ann

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	