



Memorandum

February 1, 2017

To: Dave Favero (RACER)

Ref. No.: 007878

From: *J.E.P.*
John-eric Pardys/wg/163

Subject: Topsoil Characterization

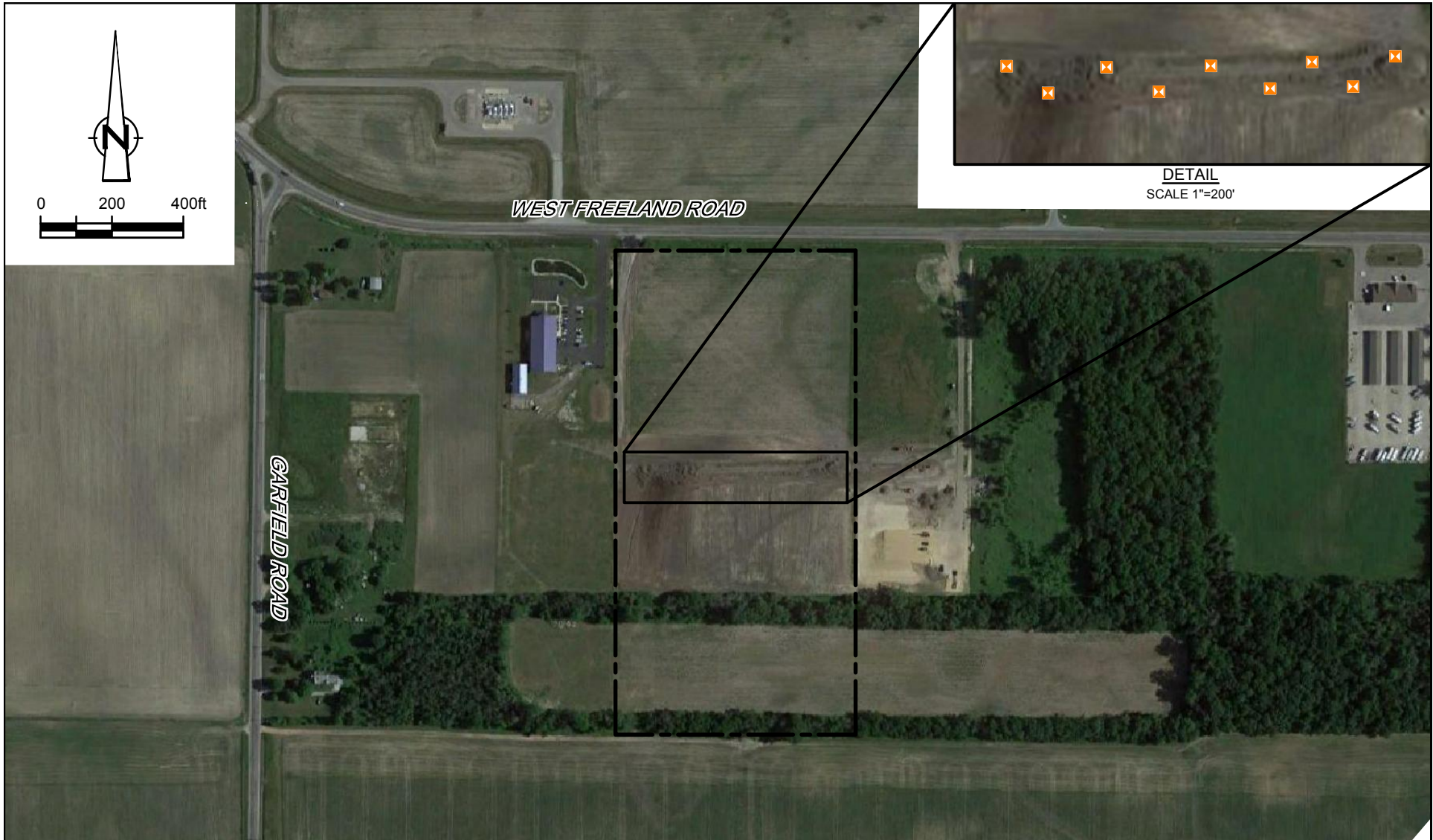
JSS identified a potential source of topsoil to be used at RACER's Saginaw Malleable Industrial Land (Site), in Saginaw, Michigan. The potential topsoil source is located at 8273 West Freeland Road, Freeland, Michigan as shown in Figure 1. JSS's topsoil subcontractor provided a letter indicating that this land has been virgin farmland for the past 50 years and that historical records do not identify and other land uses (Attachment A). In addition, JSS's subcontractor provided additional documentation from the Tittabawassee Township that supports the excavation and transportation of topsoil from 8273 West Freeland Road, Freeland, Michigan (Attachment B).

On, January 12, 2017, GHD reached out to MDEQ to obtain concurrence on an acceptable approach to characterizing the topsoil. On, January 13, 2017, MDEQ provided their concurrence on the approach to characterizing the topsoil which included: collecting 9 discrete samples of the topsoil and analyzing for Pesticides (Method SW 846 8081), Herbicides (Method SW 846 8151), Atrazine and Alachlor (Method SW 846 8270), and Arsenic and Lead (Method 6020).

On January 16, 2017, GHD conducted a Site visit to inspect the topsoil pile and collect the 9 discrete samples. Photos of the stockpile are included in Attachment C. The topsoil stockpile was approximately 500' x 50' x 6-10'. An excavator was used to dig through the surficial frozen soil, approximately 1-2 feet, at nine locations spread evenly around the stockpile. Field staff dug another 6-inches into the pile before collecting the samples. The approximate locations of the samples collected are identified on Figure 1. Samples were submitted to the laboratory on a 1-week turn.

There were no detections reported for pesticides or herbicides. The only detections were for arsenic ranging between 1.7 to 2.1 mg/kg, which is below the statewide default background level (5.8 mg/kg) and lead ranging between 7.8 to 8.9 mg/kg, which is below the statewide default background level (21 mg/kg). A copy of the analytical report is provided in Attachment D.

Therefore, based on the characterization results, the topsoil is suitable for use at the Site.



DETAIL
SCALE 1"=200'

Source: Image © 2016 Google



LEGEND
 - - - - - APPROXIMATE PROPERTY BOUNDARY
 x TOPSOIL DISCRETE SAMPLE LOCATION

figure 1
 TOPSOIL SOURCE
 8273 WEST FREELAND ROAD, FREELAND, MICHIGAN
Racer Saginaw Malleable Industrial Land

Attachment A

EGGERS EXCAVATING, LLC
PO Box 5908
Saginaw, MI 48603
(989) 695-5205

July 27, 2016

RE: Letter of Virgin Source

To Whom It May Concern:

Eggers Excavating, LLC recently purchased a piece of property located at 8723 West Freeland Road, Freeland, Michigan to develop as commercial property. Part of the development process is to remove the upper portion of the site soil which is topsoil. This site has been virgin farmland for the past 50 years.

Historical records indicate that the land has never been utilized for any other purpose.

If you should have any further questions please feel free to call me at (989) 220-1514.

Respectfully Submitted,

EGGERS EXCAVATING LLC

Bill Slaughter
VP of Operations

Attachment B

**MINUTES OF TITTABAWASSEE TOWNSHIP
PLANNING COMMISSION
SAGINAW COUNTY, STATE OF MICHIGAN
TOWNSHIP OFFICE 145 S. SECOND STREET
FREELAND, MICHIGAN 48623
SEPTEMBER 19TH, 2016**

1. CALL TO ORDER

The Chairperson Dennis Argyle called the meeting to order at 5:33 P.M.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

MEMBERS PRESENT

Carl Neuenfeldt
Ron Schauman
Dennis Argyle
Roger Hupfer
Paul Garstecki
Robert Hensler

MEMBERS ABSENT

Jim Heffel

STAFF PRESENT

Mark McGill
Grant Murschel
Mike Rybicki

4. APPROVAL OF AGENDA

Moved by Ron Schauman, supported by Carl Neuenfeldt to approve the agenda as presented with the following change: to move item B (Z-16-05) before item A (Z-16-03). There was no further discussion.

Vote: 6- Yeas 0- Nays 1- Absent 0- Abstain Motion Carried

5. APPROVAL OF MINUTES FOR THE JULY 18TH, 2016 MEETING

Motion by Robert Hensler, support from Ron Schauman to approve the minutes as presented, with no discussion.

Vote: 6- Yeas 0- Nays 1- Absent 0- Abstain Motion Carried

6. PUBLIC COMMENT

The Chairperson Dennis Argyle opened public comment at 5:35 P.M.
Ruth Averill was present to announce her candidacy
For Saginaw County Commissioner. Public comment was closed at 5:39
P.M.

7. BUSINESS

A. ITEM Z-16-05

Consider a request from Eggers Development, LLC to rezone Parcel# 29-13-3-23-2002-009 located on Freeland Road from A-1 (Agricultural) to C-3 (Regional Business). Russ & Chad Eggers the applicants were both present at the meeting. Russ proceeded to update the Commission on the layout of the property, and their intended use(s) in the future.

The Chairperson Dennis Argyle opened the public hearing at 5:42 P.M. Mr. Mark Wenz of Zentx Media Group voiced his concerns as to why there was work being done at the site, and that an access road had been put in next to his property before the site plan had been approved. He also stated that he was in favor of the rezoning of the property.

The public hearing was closed at 5:44 P.M.

Moved by Ron Schauman, supported by Carl Neuenfeldt to recommend approval of the rezone to the Township Board.

Vote: 6- Yeas 0- Nays 1- Absent 0- Abstain Motion Carried.

B. ITEM Z-16-03

Consider a request by Eggers Development, LLC for a site plan approval for A proposed commercial building on Parcel # 29-13-3-23-2002-009. Mike Rybicki of MLR Engineering gave the Commission an overview of the site Plan. Russ Eggers briefed the Commission as to what had been done at the Site, and he also outlined where they would like to locate the proposed cold storage building. After some discussion and questions a motion was made by Robert Hensler, supported by Roger Hupfer to approve the site plan with the Contingencies:

1. Approval of Zoning Petition number Z-16-05 from (AG) Agriculture to (RB) Regional Business to permit the warehouse/storage use by the Township Board.
2. All site development shall be in accordance with the approved site plan.
3. Conformance to the zoning ordinance standards regarding access, and driveway paving shall be required.
4. Approval of this site plan does not include the approval for soil mining, or other earth removal on site outside of the necessary grading to facilitate construction of the cold storage building and access driveway. The

existing stockpile of dirt is exempt, but needs to be removed from the site by January 31st, 2017. This needs to be done via a new driveway, and replaced by new fill dirt.

5. The existing temporary gravel driveway on the western portion of the site needs to be removed.

Vote: 6- Yeas 0- Nays 1- Absent 10- Abstain Motion Carried.

C. ITEM S-16-04

Consider a request from Tri-State Development, Inc. for a site plan approval for a proposed driveway extension on Hercules Drive on Parcel# 29-13-3-21-4011-003, and Parcel# 29-13-3-21-4011-004.

Scott Lenhart of D&M Site outlined the site plan for the Commission. After some discussion it was moved by Ron Schauman, supported by Roger Hupfer to approve the site plan with the following stipulations:

1. Information must be provided to warrant the requested amount of parking spaces.
2. The sanitary sewer connection must be designed to address the comment of the Township Department of Public Works, and approved by the Director of Public Works.

Vote: 6- Yeas 0- Nays 1- Absent 0- Abstain Motion Carried.

D. ITEM S-16-05

Consider a request from Murray Painting for a site plan approval for a proposed commercial building on Parcel# 29-13-3-25-3002-005.

Greg Turner of Pumford Construction was representing the applicant. He proceeded to outline the proposed project for the Commission. After some discussion, a motion was made by Ron Schauman, supported by Carl Neuenfeldt to approve the site plan contingent on staff approval of the following:

1. This plan calls for a new septic system, a review from the Saginaw County Health Department must be provided.
2. A storm water management plan from the applicants engineer must be provided.
3. The expanded gravel surface area on the east side of the property is not allowed in this zoning district.

Vote: 6- Yeas 0- Nays 1- Absent 0- Abstain Motion Carried.

8. ADJOURNMENT

The meeting was adjourned at 6:32 P.M.



ROGER HUPFER- SECRETARY

Attachment C



Photo 1 Topsoil Stockpile. Date – 1/16/2017



Site Photographs



Photo 2 Topsoil Stockpile. Date – 1/16/2017



Site Photographs



Photo 3 Topsoil Stockpile. Date – 1/16/2017



Site Photographs



Photo 4 Topsoil Stockpile. Date – 1/16/2016



Attachment D

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-74450-1

Client Project/Site: 7878, RACER SMI

For:

GHD Services Inc.

14496 Sheldon Road, Suite 200

Plymouth, Michigan 48170

Attn: Rawa Fleisher



Authorized for release by:

1/24/2017 4:10:33 PM

Denise Heckler, Project Manager II

(330)966-9477

denise.heckler@testamericainc.com



LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Sample Summary	5
Detection Summary	6
Method Summary	7
Client Sample Results	8
QC Association Summary	62
QC Sample Results	66
Surrogate Summary	72
Lab Chronicle	74
Certification Summary	79
Chain of Custody	81
Receipt Checklists	83

Case Narrative

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Job ID: 240-74450-1

Laboratory: TestAmerica Canton

Narrative

Job Narrative 240-74450-1

Comments

No additional comments.

Receipt

The samples were received on 1/17/2017 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.2° C.

GC/MS Semi VOA

Method(s) 8270D: The following sample was diluted due to appearance and viscosity: S-7878-011617-SSH-0717 (240-74450-7). Elevated reporting limits (RL) are provided.

Method(s) 8270D: The initial calibration curve analyzed in batch 480-340993 was outside method criteria for the following analyte: Alachlor. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: S-7878-011617-SSH-0117 (240-74450-1) and S-7878-011617-SSH-0917 (240-74450-9). 2881013 2596993, 2719940.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3550C: Due to the matrix, the following samples could not be concentrated to the final method required volume: S-7878-011617-SSH-0117 (240-74450-1), S-7878-011617-SSH-0217 (240-74450-2), S-7878-011617-SSH-0317 (240-74450-3), S-7878-011617-SSH-0417 (240-74450-4), S-7878-011617-SSH-0517 (240-74450-5), S-7878-011617-SSH-0617 (240-74450-6), S-7878-011617-SSH-0717 (240-74450-7), S-7878-011617-SSH-0817 (240-74450-8), S-7878-011617-SSH-0917 (240-74450-9), (240-74450-C-1 MS) and (240-74450-C-1 MSD). The reporting limits (RLs) are elevated proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Sample Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-74450-1	S-7878-011617-SSH-0117	Solid	01/16/17 10:30	01/17/17 09:30
240-74450-2	S-7878-011617-SSH-0217	Solid	01/16/17 10:35	01/17/17 09:30
240-74450-3	S-7878-011617-SSH-0317	Solid	01/16/17 10:40	01/17/17 09:30
240-74450-4	S-7878-011617-SSH-0417	Solid	01/16/17 10:45	01/17/17 09:30
240-74450-5	S-7878-011617-SSH-0517	Solid	01/16/17 10:50	01/17/17 09:30
240-74450-6	S-7878-011617-SSH-0617	Solid	01/16/17 10:55	01/17/17 09:30
240-74450-7	S-7878-011617-SSH-0717	Solid	01/16/17 11:00	01/17/17 09:30
240-74450-8	S-7878-011617-SSH-0817	Solid	01/16/17 11:05	01/17/17 09:30
240-74450-9	S-7878-011617-SSH-0917	Solid	01/16/17 11:10	01/17/17 09:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Detection Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Client Sample ID: S-7878-011617-SSH-0117

Lab Sample ID: 240-74450-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		1.1	0.029	mg/Kg	2	☼	6020	Total/NA
Lead	7.8		0.23	0.051	mg/Kg	2	☼	6020	Total/NA

Client Sample ID: S-7878-011617-SSH-0217

Lab Sample ID: 240-74450-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		0.97	0.025	mg/Kg	2	☼	6020	Total/NA
Lead	8.2		0.19	0.044	mg/Kg	2	☼	6020	Total/NA

Client Sample ID: S-7878-011617-SSH-0317

Lab Sample ID: 240-74450-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		1.1	0.028	mg/Kg	2	☼	6020	Total/NA
Lead	8.7		0.21	0.048	mg/Kg	2	☼	6020	Total/NA

Client Sample ID: S-7878-011617-SSH-0417

Lab Sample ID: 240-74450-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.7		1.0	0.026	mg/Kg	2	☼	6020	Total/NA
Lead	8.1		0.20	0.045	mg/Kg	2	☼	6020	Total/NA

Client Sample ID: S-7878-011617-SSH-0517

Lab Sample ID: 240-74450-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9		0.94	0.025	mg/Kg	2	☼	6020	Total/NA
Lead	8.8		0.19	0.042	mg/Kg	2	☼	6020	Total/NA

Client Sample ID: S-7878-011617-SSH-0617

Lab Sample ID: 240-74450-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		1.0	0.026	mg/Kg	2	☼	6020	Total/NA
Lead	8.0		0.20	0.046	mg/Kg	2	☼	6020	Total/NA

Client Sample ID: S-7878-011617-SSH-0717

Lab Sample ID: 240-74450-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9		1.1	0.028	mg/Kg	2	☼	6020	Total/NA
Lead	8.9		0.22	0.049	mg/Kg	2	☼	6020	Total/NA

Client Sample ID: S-7878-011617-SSH-0817

Lab Sample ID: 240-74450-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.1		0.99	0.026	mg/Kg	2	☼	6020	Total/NA
Lead	8.6		0.20	0.044	mg/Kg	2	☼	6020	Total/NA

Client Sample ID: S-7878-011617-SSH-0917

Lab Sample ID: 240-74450-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		1.0	0.027	mg/Kg	2	☼	6020	Total/NA
Lead	7.9		0.21	0.047	mg/Kg	2	☼	6020	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Method Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081A	Organochlorine Pesticides (GC)	SW846	TAL CAN
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
8151A	Herbicides (GC)	SW846	TAL CAN
6020	Metals (ICP/MS)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0117

Date Collected: 01/16/17 10:30

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-1

Matrix: Solid

Percent Solids: 84.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	380	U	380	98	ug/Kg	☼	01/20/17 07:44	01/23/17 15:14	1
Atrazine	200	U	200	68	ug/Kg	☼	01/20/17 07:44	01/23/17 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		54 - 120				01/20/17 07:44	01/23/17 15:14	1
2-Fluorobiphenyl	75		60 - 120				01/20/17 07:44	01/23/17 15:14	1
2-Fluorophenol (Surr)	73		52 - 120				01/20/17 07:44	01/23/17 15:14	1
Nitrobenzene-d5 (Surr)	69		53 - 120				01/20/17 07:44	01/23/17 15:14	1
p-Terphenyl-d14 (Surr)	87		65 - 121				01/20/17 07:44	01/23/17 15:14	1
Phenol-d5 (Surr)	73		54 - 120				01/20/17 07:44	01/23/17 15:14	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0217

Date Collected: 01/16/17 10:35

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-2

Matrix: Solid

Percent Solids: 85.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	380	U	380	99	ug/Kg	☼	01/20/17 07:44	01/23/17 15:40	1
Atrazine	200	U	200	69	ug/Kg	☼	01/20/17 07:44	01/23/17 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		54 - 120				01/20/17 07:44	01/23/17 15:40	1
2-Fluorobiphenyl	67		60 - 120				01/20/17 07:44	01/23/17 15:40	1
2-Fluorophenol (Surr)	73		52 - 120				01/20/17 07:44	01/23/17 15:40	1
Nitrobenzene-d5 (Surr)	67		53 - 120				01/20/17 07:44	01/23/17 15:40	1
p-Terphenyl-d14 (Surr)	79		65 - 121				01/20/17 07:44	01/23/17 15:40	1
Phenol-d5 (Surr)	74		54 - 120				01/20/17 07:44	01/23/17 15:40	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0317

Date Collected: 01/16/17 10:40

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-3

Matrix: Solid

Percent Solids: 83.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	380	U	380	99	ug/Kg	☼	01/20/17 07:44	01/23/17 16:06	1
Atrazine	200	U	200	69	ug/Kg	☼	01/20/17 07:44	01/23/17 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		54 - 120	01/20/17 07:44	01/23/17 16:06	1
2-Fluorobiphenyl	74		60 - 120	01/20/17 07:44	01/23/17 16:06	1
2-Fluorophenol (Surr)	75		52 - 120	01/20/17 07:44	01/23/17 16:06	1
Nitrobenzene-d5 (Surr)	70		53 - 120	01/20/17 07:44	01/23/17 16:06	1
p-Terphenyl-d14 (Surr)	85		65 - 121	01/20/17 07:44	01/23/17 16:06	1
Phenol-d5 (Surr)	76		54 - 120	01/20/17 07:44	01/23/17 16:06	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0417

Date Collected: 01/16/17 10:45

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-4

Matrix: Solid

Percent Solids: 84.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	380	U	380	99	ug/Kg	☼	01/20/17 07:44	01/23/17 16:32	1
Atrazine	200	U	200	69	ug/Kg	☼	01/20/17 07:44	01/23/17 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		54 - 120	01/20/17 07:44	01/23/17 16:32	1
2-Fluorobiphenyl	68		60 - 120	01/20/17 07:44	01/23/17 16:32	1
2-Fluorophenol (Surr)	70		52 - 120	01/20/17 07:44	01/23/17 16:32	1
Nitrobenzene-d5 (Surr)	67		53 - 120	01/20/17 07:44	01/23/17 16:32	1
p-Terphenyl-d14 (Surr)	76		65 - 121	01/20/17 07:44	01/23/17 16:32	1
Phenol-d5 (Surr)	72		54 - 120	01/20/17 07:44	01/23/17 16:32	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0517

Date Collected: 01/16/17 10:50

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-5

Matrix: Solid

Percent Solids: 84.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	380	U	380	99	ug/Kg	☼	01/20/17 07:44	01/23/17 16:58	1
Atrazine	200	U	200	68	ug/Kg	☼	01/20/17 07:44	01/23/17 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		54 - 120	01/20/17 07:44	01/23/17 16:58	1
2-Fluorobiphenyl	70		60 - 120	01/20/17 07:44	01/23/17 16:58	1
2-Fluorophenol (Surr)	70		52 - 120	01/20/17 07:44	01/23/17 16:58	1
Nitrobenzene-d5 (Surr)	68		53 - 120	01/20/17 07:44	01/23/17 16:58	1
p-Terphenyl-d14 (Surr)	76		65 - 121	01/20/17 07:44	01/23/17 16:58	1
Phenol-d5 (Surr)	71		54 - 120	01/20/17 07:44	01/23/17 16:58	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0617

Date Collected: 01/16/17 10:55

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-6

Matrix: Solid

Percent Solids: 85.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	380	U	380	99	ug/Kg	☼	01/20/17 07:44	01/23/17 17:24	1
Atrazine	200	U	200	69	ug/Kg	☼	01/20/17 07:44	01/23/17 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		54 - 120				01/20/17 07:44	01/23/17 17:24	1
2-Fluorobiphenyl	73		60 - 120				01/20/17 07:44	01/23/17 17:24	1
2-Fluorophenol (Surr)	69		52 - 120				01/20/17 07:44	01/23/17 17:24	1
Nitrobenzene-d5 (Surr)	69		53 - 120				01/20/17 07:44	01/23/17 17:24	1
p-Terphenyl-d14 (Surr)	88		65 - 121				01/20/17 07:44	01/23/17 17:24	1
Phenol-d5 (Surr)	71		54 - 120				01/20/17 07:44	01/23/17 17:24	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0717

Date Collected: 01/16/17 11:00

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-7

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	1900	U	1900	490	ug/Kg	☼	01/20/17 07:44	01/23/17 17:50	5
Atrazine	980	U	980	340	ug/Kg	☼	01/20/17 07:44	01/23/17 17:50	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		54 - 120	01/20/17 07:44	01/23/17 17:50	5
2-Fluorobiphenyl	80		60 - 120	01/20/17 07:44	01/23/17 17:50	5
2-Fluorophenol (Surr)	74		52 - 120	01/20/17 07:44	01/23/17 17:50	5
Nitrobenzene-d5 (Surr)	67		53 - 120	01/20/17 07:44	01/23/17 17:50	5
p-Terphenyl-d14 (Surr)	86		65 - 121	01/20/17 07:44	01/23/17 17:50	5
Phenol-d5 (Surr)	75		54 - 120	01/20/17 07:44	01/23/17 17:50	5

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0817

Date Collected: 01/16/17 11:05

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-8

Matrix: Solid

Percent Solids: 83.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	390	U	390	100	ug/Kg	☼	01/20/17 07:44	01/23/17 18:17	1
Atrazine	200	U	200	69	ug/Kg	☼	01/20/17 07:44	01/23/17 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		54 - 120				01/20/17 07:44	01/23/17 18:17	1
2-Fluorobiphenyl	75		60 - 120				01/20/17 07:44	01/23/17 18:17	1
2-Fluorophenol (Surr)	69		52 - 120				01/20/17 07:44	01/23/17 18:17	1
Nitrobenzene-d5 (Surr)	69		53 - 120				01/20/17 07:44	01/23/17 18:17	1
p-Terphenyl-d14 (Surr)	90		65 - 121				01/20/17 07:44	01/23/17 18:17	1
Phenol-d5 (Surr)	71		54 - 120				01/20/17 07:44	01/23/17 18:17	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0917

Date Collected: 01/16/17 11:10

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-9

Matrix: Solid

Percent Solids: 82.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	400	U	400	100	ug/Kg	☼	01/20/17 07:44	01/23/17 18:43	1
Atrazine	200	U	200	71	ug/Kg	☼	01/20/17 07:44	01/23/17 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		54 - 120				01/20/17 07:44	01/23/17 18:43	1
2-Fluorobiphenyl	68		60 - 120				01/20/17 07:44	01/23/17 18:43	1
2-Fluorophenol (Surr)	70		52 - 120				01/20/17 07:44	01/23/17 18:43	1
Nitrobenzene-d5 (Surr)	66		53 - 120				01/20/17 07:44	01/23/17 18:43	1
p-Terphenyl-d14 (Surr)	84		65 - 121				01/20/17 07:44	01/23/17 18:43	1
Phenol-d5 (Surr)	70		54 - 120				01/20/17 07:44	01/23/17 18:43	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0117

Date Collected: 01/16/17 10:30

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-1

Matrix: Solid

Percent Solids: 84.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	5.9	U F1 F2	5.9	3.8	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
4,4'-DDE	5.9	U	5.9	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
4,4'-DDT	5.9	U	5.9	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Aldrin	5.9	U	5.9	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
alpha-BHC	5.9	U	5.9	1.9	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
alpha-Chlordane	5.9	U	5.9	4.4	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
beta-BHC	5.9	U	5.9	4.5	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
delta-BHC	5.9	U	5.9	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Dieldrin	5.9	U	5.9	1.0	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Endosulfan I	5.9	U	5.9	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Endosulfan II	5.9	U F2	5.9	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Endosulfan sulfate	5.9	U F1 F2	5.9	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Endrin	5.9	U F2	5.9	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Endrin aldehyde	5.9	U F2	5.9	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Endrin ketone	5.9	U F1 F2	5.9	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
gamma-BHC (Lindane)	5.9	U	5.9	3.4	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
gamma-Chlordane	5.9	U	5.9	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Heptachlor	5.9	U	5.9	0.91	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Heptachlor epoxide	5.9	U	5.9	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Methoxychlor	12	U F1 F2	12	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Toxaphene	120	U	120	43	ug/Kg	☼	01/18/17 09:28	01/20/17 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl</i>	61		13 - 135				01/18/17 09:28	01/20/17 12:37	1
<i>Tetrachloro-m-xylene</i>	82		30 - 120				01/18/17 09:28	01/20/17 12:37	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0217

Date Collected: 01/16/17 10:35

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-2

Matrix: Solid

Percent Solids: 85.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	5.9	U	5.9	3.8	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
4,4'-DDE	5.9	U	5.9	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
4,4'-DDT	5.9	U	5.9	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Aldrin	5.9	U	5.9	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
alpha-BHC	5.9	U	5.9	1.9	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
alpha-Chlordane	5.9	U	5.9	4.4	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
beta-BHC	5.9	U	5.9	4.5	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
delta-BHC	5.9	U	5.9	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Dieldrin	5.9	U	5.9	1.0	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Endosulfan I	5.9	U	5.9	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Endosulfan II	5.9	U	5.9	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Endosulfan sulfate	5.9	U	5.9	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Endrin	5.9	U	5.9	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Endrin aldehyde	5.9	U	5.9	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Endrin ketone	5.9	U	5.9	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
gamma-BHC (Lindane)	5.9	U	5.9	3.4	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
gamma-Chlordane	5.9	U	5.9	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Heptachlor	5.9	U	5.9	0.90	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Heptachlor epoxide	5.9	U	5.9	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Methoxychlor	11	U	11	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1
Toxaphene	120	U	120	43	ug/Kg	☼	01/18/17 09:28	01/20/17 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		13 - 135	01/18/17 09:28	01/20/17 13:50	1
Tetrachloro-m-xylene	81		30 - 120	01/18/17 09:28	01/20/17 13:50	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0317

Date Collected: 01/16/17 10:40

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-3

Matrix: Solid

Percent Solids: 83.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.0	U	6.0	3.9	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
4,4'-DDE	6.0	U	6.0	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
4,4'-DDT	6.0	U	6.0	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Aldrin	6.0	U	6.0	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
alpha-BHC	6.0	U	6.0	1.9	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
alpha-Chlordane	6.0	U	6.0	4.5	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
beta-BHC	6.0	U	6.0	4.6	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
delta-BHC	6.0	U	6.0	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Dieldrin	6.0	U	6.0	1.1	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Endosulfan I	6.0	U	6.0	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Endosulfan II	6.0	U	6.0	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Endosulfan sulfate	6.0	U	6.0	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Endrin	6.0	U	6.0	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Endrin aldehyde	6.0	U	6.0	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Endrin ketone	6.0	U	6.0	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
gamma-BHC (Lindane)	6.0	U	6.0	3.4	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
gamma-Chlordane	6.0	U	6.0	1.8	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Heptachlor	6.0	U	6.0	0.93	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Heptachlor epoxide	6.0	U	6.0	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Methoxychlor	12	U	12	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1
Toxaphene	120	U	120	44	ug/Kg	☼	01/18/17 09:28	01/20/17 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		13 - 135	01/18/17 09:28	01/20/17 14:14	1
Tetrachloro-m-xylene	63		30 - 120	01/18/17 09:28	01/20/17 14:14	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0417

Date Collected: 01/16/17 10:45

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-4

Matrix: Solid

Percent Solids: 84.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.0	U	6.0	3.9	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
4,4'-DDE	6.0	U	6.0	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
4,4'-DDT	6.0	U	6.0	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Aldrin	6.0	U	6.0	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
alpha-BHC	6.0	U	6.0	1.9	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
alpha-Chlordane	6.0	U	6.0	4.5	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
beta-BHC	6.0	U	6.0	4.6	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
delta-BHC	6.0	U	6.0	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Dieldrin	6.0	U	6.0	1.1	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Endosulfan I	6.0	U	6.0	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Endosulfan II	6.0	U	6.0	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Endosulfan sulfate	6.0	U	6.0	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Endrin	6.0	U	6.0	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Endrin aldehyde	6.0	U	6.0	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Endrin ketone	6.0	U	6.0	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
gamma-BHC (Lindane)	6.0	U	6.0	3.4	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
gamma-Chlordane	6.0	U	6.0	1.8	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Heptachlor	6.0	U	6.0	0.91	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Heptachlor epoxide	6.0	U	6.0	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Methoxychlor	12	U	12	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1
Toxaphene	120	U	120	43	ug/Kg	☼	01/18/17 09:28	01/20/17 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		13 - 135	01/18/17 09:28	01/20/17 14:40	1
Tetrachloro-m-xylene	100		30 - 120	01/18/17 09:28	01/20/17 14:40	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0517

Date Collected: 01/16/17 10:50

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-5

Matrix: Solid

Percent Solids: 84.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.0	U	6.0	3.9	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
4,4'-DDE	6.0	U	6.0	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
4,4'-DDT	6.0	U	6.0	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Aldrin	6.0	U	6.0	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
alpha-BHC	6.0	U	6.0	1.9	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
alpha-Chlordane	6.0	U	6.0	4.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
beta-BHC	6.0	U	6.0	4.6	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
delta-BHC	6.0	U	6.0	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Dieldrin	6.0	U	6.0	1.1	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Endosulfan I	6.0	U	6.0	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Endosulfan II	6.0	U	6.0	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Endosulfan sulfate	6.0	U	6.0	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Endrin	6.0	U	6.0	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Endrin aldehyde	6.0	U	6.0	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Endrin ketone	6.0	U	6.0	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
gamma-BHC (Lindane)	6.0	U	6.0	3.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
gamma-Chlordane	6.0	U	6.0	1.8	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Heptachlor	6.0	U	6.0	0.92	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Heptachlor epoxide	6.0	U	6.0	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Methoxychlor	12	U	12	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1
Toxaphene	120	U	120	44	ug/Kg	☼	01/18/17 09:28	01/20/17 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		13 - 135	01/18/17 09:28	01/20/17 15:04	1
Tetrachloro-m-xylene	67		30 - 120	01/18/17 09:28	01/20/17 15:04	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0617

Date Collected: 01/16/17 10:55

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-6

Matrix: Solid

Percent Solids: 85.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	5.9	U	5.9	3.8	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
4,4'-DDE	5.9	U	5.9	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
4,4'-DDT	5.9	U	5.9	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Aldrin	5.9	U	5.9	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
alpha-BHC	5.9	U	5.9	1.9	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
alpha-Chlordane	5.9	U	5.9	4.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
beta-BHC	5.9	U	5.9	4.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
delta-BHC	5.9	U	5.9	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Dieldrin	5.9	U	5.9	1.0	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Endosulfan I	5.9	U	5.9	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Endosulfan II	5.9	U	5.9	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Endosulfan sulfate	5.9	U	5.9	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Endrin	5.9	U	5.9	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Endrin aldehyde	5.9	U	5.9	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Endrin ketone	5.9	U	5.9	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
gamma-BHC (Lindane)	5.9	U	5.9	3.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
gamma-Chlordane	5.9	U	5.9	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Heptachlor	5.9	U	5.9	0.91	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Heptachlor epoxide	5.9	U	5.9	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Methoxychlor	12	U	12	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1
Toxaphene	120	U	120	43	ug/Kg	☼	01/18/17 09:28	01/20/17 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		13 - 135	01/18/17 09:28	01/20/17 15:29	1
Tetrachloro-m-xylene	87		30 - 120	01/18/17 09:28	01/20/17 15:29	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0717

Date Collected: 01/16/17 11:00

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-7

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	5.8	U	5.8	3.8	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
4,4'-DDE	5.8	U	5.8	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
4,4'-DDT	5.8	U	5.8	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Aldrin	5.8	U	5.8	2.7	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
alpha-BHC	5.8	U	5.8	1.8	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
alpha-Chlordane	5.8	U	5.8	4.3	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
beta-BHC	5.8	U	5.8	4.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
delta-BHC	5.8	U	5.8	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Dieldrin	5.8	U	5.8	1.0	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Endosulfan I	5.8	U	5.8	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Endosulfan II	5.8	U	5.8	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Endosulfan sulfate	5.8	U	5.8	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Endrin	5.8	U	5.8	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Endrin aldehyde	5.8	U	5.8	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Endrin ketone	5.8	U	5.8	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
gamma-BHC (Lindane)	5.8	U	5.8	3.3	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
gamma-Chlordane	5.8	U	5.8	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Heptachlor	5.8	U	5.8	0.89	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Heptachlor epoxide	5.8	U	5.8	2.7	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Methoxychlor	11	U	11	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Toxaphene	110	U	110	42	ug/Kg	☼	01/18/17 09:28	01/20/17 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl</i>	50		13 - 135				01/18/17 09:28	01/20/17 15:53	1
<i>Tetrachloro-m-xylene</i>	67		30 - 120				01/18/17 09:28	01/20/17 15:53	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0817

Date Collected: 01/16/17 11:05

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-8

Matrix: Solid

Percent Solids: 83.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.0	U	6.0	3.9	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
4,4'-DDE	6.0	U	6.0	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
4,4'-DDT	6.0	U	6.0	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Aldrin	6.0	U	6.0	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
alpha-BHC	6.0	U	6.0	1.9	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
alpha-Chlordane	6.0	U	6.0	4.5	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
beta-BHC	6.0	U	6.0	4.6	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
delta-BHC	6.0	U	6.0	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Dieldrin	6.0	U	6.0	1.1	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Endosulfan I	6.0	U	6.0	1.5	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Endosulfan II	6.0	U	6.0	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Endosulfan sulfate	6.0	U	6.0	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Endrin	6.0	U	6.0	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Endrin aldehyde	6.0	U	6.0	2.1	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Endrin ketone	6.0	U	6.0	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
gamma-BHC (Lindane)	6.0	U	6.0	3.4	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
gamma-Chlordane	6.0	U	6.0	1.8	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Heptachlor	6.0	U	6.0	0.92	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Heptachlor epoxide	6.0	U	6.0	2.8	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Methoxychlor	12	U	12	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1
Toxaphene	120	U	120	44	ug/Kg	☼	01/18/17 09:28	01/20/17 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		13 - 135	01/18/17 09:28	01/20/17 16:17	1
Tetrachloro-m-xylene	90		30 - 120	01/18/17 09:28	01/20/17 16:17	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: S-7878-011617-SSH-0917

Date Collected: 01/16/17 11:10

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-9

Matrix: Solid

Percent Solids: 82.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.1	U	6.1	4.0	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
4,4'-DDE	6.1	U	6.1	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
4,4'-DDT	6.1	U	6.1	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Aldrin	6.1	U	6.1	2.9	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
alpha-BHC	6.1	U	6.1	1.9	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
alpha-Chlordane	6.1	U	6.1	4.6	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
beta-BHC	6.1	U	6.1	4.7	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
delta-BHC	6.1	U	6.1	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Dieldrin	6.1	U	6.1	1.1	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Endosulfan I	6.1	U	6.1	1.6	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Endosulfan II	6.1	U	6.1	2.2	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Endosulfan sulfate	6.1	U	6.1	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Endrin	6.1	U	6.1	1.7	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Endrin aldehyde	6.1	U	6.1	2.2	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Endrin ketone	6.1	U	6.1	1.3	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
gamma-BHC (Lindane)	6.1	U	6.1	3.5	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
gamma-Chlordane	6.1	U	6.1	1.8	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Heptachlor	6.1	U	6.1	0.94	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Heptachlor epoxide	6.1	U	6.1	2.9	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Methoxychlor	12	U	12	1.4	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Toxaphene	120	U	120	44	ug/Kg	☼	01/18/17 09:28	01/20/17 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		13 - 135				01/18/17 09:28	01/20/17 16:42	1
Tetrachloro-m-xylene	77		30 - 120				01/18/17 09:28	01/20/17 16:42	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0117

Date Collected: 01/16/17 10:30

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-1

Matrix: Solid

Percent Solids: 84.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	58	U	58	28	ug/Kg	☼	01/18/17 08:47	01/20/17 10:53	1
Aroclor-1221	58	U	58	27	ug/Kg	☼	01/18/17 08:47	01/20/17 10:53	1
Aroclor-1232	58	U	58	19	ug/Kg	☼	01/18/17 08:47	01/20/17 10:53	1
Aroclor-1242	58	U	58	23	ug/Kg	☼	01/18/17 08:47	01/20/17 10:53	1
Aroclor-1248	58	U	58	20	ug/Kg	☼	01/18/17 08:47	01/20/17 10:53	1
Aroclor-1254	58	U	58	16	ug/Kg	☼	01/18/17 08:47	01/20/17 10:53	1
Aroclor-1260	58	U	58	21	ug/Kg	☼	01/18/17 08:47	01/20/17 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	109		14 - 128	01/18/17 08:47	01/20/17 10:53	1
DCB Decachlorobiphenyl	89		10 - 132	01/18/17 08:47	01/20/17 10:53	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0217

Date Collected: 01/16/17 10:35

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-2

Matrix: Solid

Percent Solids: 85.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	58	U	58	28	ug/Kg	☼	01/18/17 08:47	01/20/17 11:11	1
Aroclor-1221	58	U	58	27	ug/Kg	☼	01/18/17 08:47	01/20/17 11:11	1
Aroclor-1232	58	U	58	19	ug/Kg	☼	01/18/17 08:47	01/20/17 11:11	1
Aroclor-1242	58	U	58	23	ug/Kg	☼	01/18/17 08:47	01/20/17 11:11	1
Aroclor-1248	58	U	58	20	ug/Kg	☼	01/18/17 08:47	01/20/17 11:11	1
Aroclor-1254	58	U	58	16	ug/Kg	☼	01/18/17 08:47	01/20/17 11:11	1
Aroclor-1260	58	U	58	21	ug/Kg	☼	01/18/17 08:47	01/20/17 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		14 - 128	01/18/17 08:47	01/20/17 11:11	1
DCB Decachlorobiphenyl	82		10 - 132	01/18/17 08:47	01/20/17 11:11	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0317

Date Collected: 01/16/17 10:40

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-3

Matrix: Solid

Percent Solids: 83.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	59	U	59	28	ug/Kg	☼	01/18/17 08:47	01/20/17 11:30	1
Aroclor-1221	59	U	59	27	ug/Kg	☼	01/18/17 08:47	01/20/17 11:30	1
Aroclor-1232	59	U	59	19	ug/Kg	☼	01/18/17 08:47	01/20/17 11:30	1
Aroclor-1242	59	U	59	24	ug/Kg	☼	01/18/17 08:47	01/20/17 11:30	1
Aroclor-1248	59	U	59	20	ug/Kg	☼	01/18/17 08:47	01/20/17 11:30	1
Aroclor-1254	59	U	59	17	ug/Kg	☼	01/18/17 08:47	01/20/17 11:30	1
Aroclor-1260	59	U	59	21	ug/Kg	☼	01/18/17 08:47	01/20/17 11:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		14 - 128	01/18/17 08:47	01/20/17 11:30	1
DCB Decachlorobiphenyl	85		10 - 132	01/18/17 08:47	01/20/17 11:30	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0417

Date Collected: 01/16/17 10:45

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-4

Matrix: Solid

Percent Solids: 84.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	59	U	59	28	ug/Kg	☼	01/18/17 08:47	01/20/17 11:48	1
Aroclor-1221	59	U	59	27	ug/Kg	☼	01/18/17 08:47	01/20/17 11:48	1
Aroclor-1232	59	U	59	19	ug/Kg	☼	01/18/17 08:47	01/20/17 11:48	1
Aroclor-1242	59	U	59	23	ug/Kg	☼	01/18/17 08:47	01/20/17 11:48	1
Aroclor-1248	59	U	59	20	ug/Kg	☼	01/18/17 08:47	01/20/17 11:48	1
Aroclor-1254	59	U	59	16	ug/Kg	☼	01/18/17 08:47	01/20/17 11:48	1
Aroclor-1260	59	U	59	21	ug/Kg	☼	01/18/17 08:47	01/20/17 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		14 - 128	01/18/17 08:47	01/20/17 11:48	1
DCB Decachlorobiphenyl	76		10 - 132	01/18/17 08:47	01/20/17 11:48	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0517

Date Collected: 01/16/17 10:50

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-5

Matrix: Solid

Percent Solids: 84.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	59	U	59	28	ug/Kg	☼	01/18/17 08:47	01/20/17 12:07	1
Aroclor-1221	59	U	59	27	ug/Kg	☼	01/18/17 08:47	01/20/17 12:07	1
Aroclor-1232	59	U	59	19	ug/Kg	☼	01/18/17 08:47	01/20/17 12:07	1
Aroclor-1242	59	U	59	24	ug/Kg	☼	01/18/17 08:47	01/20/17 12:07	1
Aroclor-1248	59	U	59	20	ug/Kg	☼	01/18/17 08:47	01/20/17 12:07	1
Aroclor-1254	59	U	59	16	ug/Kg	☼	01/18/17 08:47	01/20/17 12:07	1
Aroclor-1260	59	U	59	21	ug/Kg	☼	01/18/17 08:47	01/20/17 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		14 - 128	01/18/17 08:47	01/20/17 12:07	1
DCB Decachlorobiphenyl	96		10 - 132	01/18/17 08:47	01/20/17 12:07	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0617

Date Collected: 01/16/17 10:55

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-6

Matrix: Solid

Percent Solids: 85.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	58	U	58	28	ug/Kg	☼	01/18/17 08:47	01/20/17 12:25	1
Aroclor-1221	58	U	58	27	ug/Kg	☼	01/18/17 08:47	01/20/17 12:25	1
Aroclor-1232	58	U	58	19	ug/Kg	☼	01/18/17 08:47	01/20/17 12:25	1
Aroclor-1242	58	U	58	23	ug/Kg	☼	01/18/17 08:47	01/20/17 12:25	1
Aroclor-1248	58	U	58	20	ug/Kg	☼	01/18/17 08:47	01/20/17 12:25	1
Aroclor-1254	58	U	58	16	ug/Kg	☼	01/18/17 08:47	01/20/17 12:25	1
Aroclor-1260	58	U	58	21	ug/Kg	☼	01/18/17 08:47	01/20/17 12:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		14 - 128	01/18/17 08:47	01/20/17 12:25	1
DCB Decachlorobiphenyl	90		10 - 132	01/18/17 08:47	01/20/17 12:25	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0717

Date Collected: 01/16/17 11:00

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-7

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	57	U	57	27	ug/Kg	☼	01/18/17 08:47	01/20/17 12:43	1
Aroclor-1221	57	U	57	26	ug/Kg	☼	01/18/17 08:47	01/20/17 12:43	1
Aroclor-1232	57	U	57	18	ug/Kg	☼	01/18/17 08:47	01/20/17 12:43	1
Aroclor-1242	57	U	57	23	ug/Kg	☼	01/18/17 08:47	01/20/17 12:43	1
Aroclor-1248	57	U	57	19	ug/Kg	☼	01/18/17 08:47	01/20/17 12:43	1
Aroclor-1254	57	U	57	16	ug/Kg	☼	01/18/17 08:47	01/20/17 12:43	1
Aroclor-1260	57	U	57	21	ug/Kg	☼	01/18/17 08:47	01/20/17 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		14 - 128	01/18/17 08:47	01/20/17 12:43	1
DCB Decachlorobiphenyl	81		10 - 132	01/18/17 08:47	01/20/17 12:43	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0817

Date Collected: 01/16/17 11:05

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-8

Matrix: Solid

Percent Solids: 83.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	59	U	59	28	ug/Kg	☼	01/18/17 08:47	01/20/17 13:02	1
Aroclor-1221	59	U	59	27	ug/Kg	☼	01/18/17 08:47	01/20/17 13:02	1
Aroclor-1232	59	U	59	19	ug/Kg	☼	01/18/17 08:47	01/20/17 13:02	1
Aroclor-1242	59	U	59	24	ug/Kg	☼	01/18/17 08:47	01/20/17 13:02	1
Aroclor-1248	59	U	59	20	ug/Kg	☼	01/18/17 08:47	01/20/17 13:02	1
Aroclor-1254	59	U	59	17	ug/Kg	☼	01/18/17 08:47	01/20/17 13:02	1
Aroclor-1260	59	U	59	21	ug/Kg	☼	01/18/17 08:47	01/20/17 13:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		14 - 128	01/18/17 08:47	01/20/17 13:02	1
DCB Decachlorobiphenyl	90		10 - 132	01/18/17 08:47	01/20/17 13:02	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Client Sample ID: S-7878-011617-SSH-0917

Date Collected: 01/16/17 11:10

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-9

Matrix: Solid

Percent Solids: 82.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	60	U	60	29	ug/Kg	☼	01/18/17 08:47	01/20/17 13:20	1
Aroclor-1221	60	U	60	28	ug/Kg	☼	01/18/17 08:47	01/20/17 13:20	1
Aroclor-1232	60	U	60	19	ug/Kg	☼	01/18/17 08:47	01/20/17 13:20	1
Aroclor-1242	60	U	60	24	ug/Kg	☼	01/18/17 08:47	01/20/17 13:20	1
Aroclor-1248	60	U	60	20	ug/Kg	☼	01/18/17 08:47	01/20/17 13:20	1
Aroclor-1254	60	U	60	17	ug/Kg	☼	01/18/17 08:47	01/20/17 13:20	1
Aroclor-1260	60	U	60	22	ug/Kg	☼	01/18/17 08:47	01/20/17 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		14 - 128				01/18/17 08:47	01/20/17 13:20	1
DCB Decachlorobiphenyl	75		10 - 132				01/18/17 08:47	01/20/17 13:20	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0117

Date Collected: 01/16/17 10:30

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-1

Matrix: Solid

Percent Solids: 84.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	69	U	69	8.1	ug/Kg	☼	01/18/17 08:01	01/23/17 12:31	1
2,4-D	280	U	280	35	ug/Kg	☼	01/18/17 08:01	01/23/17 12:31	1
Silvex (2,4,5-TP)	69	U	69	6.9	ug/Kg	☼	01/18/17 08:01	01/23/17 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	60		19 - 120				01/18/17 08:01	01/23/17 12:31	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0217

Date Collected: 01/16/17 10:35

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-2

Matrix: Solid

Percent Solids: 85.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	70	U	70	8.2	ug/Kg	☼	01/18/17 08:01	01/23/17 12:55	1
2,4-D	280	U	280	35	ug/Kg	☼	01/18/17 08:01	01/23/17 12:55	1
Silvex (2,4,5-TP)	70	U	70	7.0	ug/Kg	☼	01/18/17 08:01	01/23/17 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	64		19 - 120				01/18/17 08:01	01/23/17 12:55	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0317

Date Collected: 01/16/17 10:40

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-3

Matrix: Solid

Percent Solids: 83.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	71	U	71	8.2	ug/Kg	☼	01/18/17 08:01	01/23/17 13:19	1
2,4-D	280	U	280	35	ug/Kg	☼	01/18/17 08:01	01/23/17 13:19	1
Silvex (2,4,5-TP)	71	U	71	7.1	ug/Kg	☼	01/18/17 08:01	01/23/17 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	61		19 - 120				01/18/17 08:01	01/23/17 13:19	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0417

Date Collected: 01/16/17 10:45

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-4

Matrix: Solid

Percent Solids: 84.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	71	U	71	8.2	ug/Kg	☼	01/18/17 08:01	01/23/17 13:43	1
2,4-D	280	U	280	35	ug/Kg	☼	01/18/17 08:01	01/23/17 13:43	1
Silvex (2,4,5-TP)	71	U	71	7.1	ug/Kg	☼	01/18/17 08:01	01/23/17 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	72		19 - 120				01/18/17 08:01	01/23/17 13:43	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0517

Date Collected: 01/16/17 10:50

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-5

Matrix: Solid

Percent Solids: 84.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	71	U	71	8.3	ug/Kg	☼	01/18/17 08:01	01/23/17 14:32	1
2,4-D	280	U	280	35	ug/Kg	☼	01/18/17 08:01	01/23/17 14:32	1
Silvex (2,4,5-TP)	71	U	71	7.1	ug/Kg	☼	01/18/17 08:01	01/23/17 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	64		19 - 120				01/18/17 08:01	01/23/17 14:32	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0617

Date Collected: 01/16/17 10:55

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-6

Matrix: Solid

Percent Solids: 85.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	70	U	70	8.1	ug/Kg	☼	01/18/17 08:01	01/23/17 14:56	1
2,4-D	280	U	280	35	ug/Kg	☼	01/18/17 08:01	01/23/17 14:56	1
Silvex (2,4,5-TP)	70	U	70	7.0	ug/Kg	☼	01/18/17 08:01	01/23/17 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	74		19 - 120				01/18/17 08:01	01/23/17 14:56	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0717

Date Collected: 01/16/17 11:00

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-7

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	68	U	68	8.0	ug/Kg	☼	01/18/17 08:01	01/23/17 15:20	1
2,4-D	270	U	270	34	ug/Kg	☼	01/18/17 08:01	01/23/17 15:20	1
Silvex (2,4,5-TP)	68	U	68	6.8	ug/Kg	☼	01/18/17 08:01	01/23/17 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	64		19 - 120				01/18/17 08:01	01/23/17 15:20	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0817

Date Collected: 01/16/17 11:05

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-8

Matrix: Solid

Percent Solids: 83.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	72	U	72	8.4	ug/Kg	☼	01/18/17 08:01	01/23/17 15:44	1
2,4-D	290	U	290	36	ug/Kg	☼	01/18/17 08:01	01/23/17 15:44	1
Silvex (2,4,5-TP)	72	U	72	7.2	ug/Kg	☼	01/18/17 08:01	01/23/17 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	69		19 - 120				01/18/17 08:01	01/23/17 15:44	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC)

Client Sample ID: S-7878-011617-SSH-0917

Date Collected: 01/16/17 11:10

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-9

Matrix: Solid

Percent Solids: 82.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	71	U	71	8.3	ug/Kg	☼	01/18/17 08:01	01/23/17 16:09	1
2,4-D	280	U	280	36	ug/Kg	☼	01/18/17 08:01	01/23/17 16:09	1
Silvex (2,4,5-TP)	71	U	71	7.1	ug/Kg	☼	01/18/17 08:01	01/23/17 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	63		19 - 120				01/18/17 08:01	01/23/17 16:09	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0117

Date Collected: 01/16/17 10:30

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-1

Matrix: Solid

Percent Solids: 84.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		1.1	0.029	mg/Kg	☼	01/18/17 11:01	01/20/17 17:28	2
Lead	7.8		0.23	0.051	mg/Kg	☼	01/18/17 11:01	01/20/17 17:28	2

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0217

Date Collected: 01/16/17 10:35

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-2

Matrix: Solid

Percent Solids: 85.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.97	0.025	mg/Kg	☼	01/18/17 11:01	01/20/17 17:32	2
Lead	8.2		0.19	0.044	mg/Kg	☼	01/18/17 11:01	01/20/17 17:32	2

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0317

Date Collected: 01/16/17 10:40

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-3

Matrix: Solid

Percent Solids: 83.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		1.1	0.028	mg/Kg	☼	01/18/17 11:01	01/20/17 17:36	2
Lead	8.7		0.21	0.048	mg/Kg	☼	01/18/17 11:01	01/20/17 17:36	2

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0417

Date Collected: 01/16/17 10:45

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-4

Matrix: Solid

Percent Solids: 84.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7		1.0	0.026	mg/Kg	☼	01/18/17 11:01	01/20/17 17:40	2
Lead	8.1		0.20	0.045	mg/Kg	☼	01/18/17 11:01	01/20/17 17:40	2

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0517

Date Collected: 01/16/17 10:50

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-5

Matrix: Solid

Percent Solids: 84.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9		0.94	0.025	mg/Kg	☼	01/18/17 11:01	01/20/17 17:45	2
Lead	8.8		0.19	0.042	mg/Kg	☼	01/18/17 11:01	01/20/17 17:45	2

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0617

Date Collected: 01/16/17 10:55

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-6

Matrix: Solid

Percent Solids: 85.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		1.0	0.026	mg/Kg	☼	01/18/17 11:01	01/20/17 17:49	2
Lead	8.0		0.20	0.046	mg/Kg	☼	01/18/17 11:01	01/20/17 17:49	2

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0717

Date Collected: 01/16/17 11:00

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-7

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9		1.1	0.028	mg/Kg	☼	01/18/17 11:01	01/20/17 17:53	2
Lead	8.9		0.22	0.049	mg/Kg	☼	01/18/17 11:01	01/20/17 17:53	2

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0817

Date Collected: 01/16/17 11:05

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-8

Matrix: Solid

Percent Solids: 83.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		0.99	0.026	mg/Kg	☼	01/18/17 11:01	01/20/17 17:57	2
Lead	8.6		0.20	0.044	mg/Kg	☼	01/18/17 11:01	01/20/17 17:57	2

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS)

Client Sample ID: S-7878-011617-SSH-0917

Date Collected: 01/16/17 11:10

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-9

Matrix: Solid

Percent Solids: 82.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		1.0	0.027	mg/Kg	☼	01/18/17 11:01	01/20/17 18:02	2
Lead	7.9		0.21	0.047	mg/Kg	☼	01/18/17 11:01	01/20/17 18:02	2

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0117

Date Collected: 01/16/17 10:30

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-1

Matrix: Solid

Percent Solids: 84.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	84.9		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	15.1		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0217

Date Collected: 01/16/17 10:35

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-2

Matrix: Solid

Percent Solids: 85.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	85.1		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	14.9		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0317

Date Collected: 01/16/17 10:40

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-3

Matrix: Solid

Percent Solids: 83.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83.6		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	16.4		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0417

Date Collected: 01/16/17 10:45

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-4

Matrix: Solid

Percent Solids: 84.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	84.3		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	15.7		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0517

Date Collected: 01/16/17 10:50

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-5

Matrix: Solid

Percent Solids: 84.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	84.2		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	15.8		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0617

Date Collected: 01/16/17 10:55

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-6

Matrix: Solid

Percent Solids: 85.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	85.9		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	14.1		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0717

Date Collected: 01/16/17 11:00

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-7

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.4		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	13.6		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0817

Date Collected: 01/16/17 11:05

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-8

Matrix: Solid

Percent Solids: 83.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83.1		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	16.9		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Client Sample ID: S-7878-011617-SSH-0917

Date Collected: 01/16/17 11:10

Date Received: 01/17/17 09:30

Lab Sample ID: 240-74450-9

Matrix: Solid

Percent Solids: 82.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	82.7		0.1	0.1	%			01/18/17 10:15	1
Percent Moisture	17.3		0.1	0.1	%			01/18/17 10:15	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

QC Association Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

GC/MS Semi VOA

Prep Batch: 340763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	3550C	
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	3550C	
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	3550C	
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	3550C	
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	3550C	
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	3550C	
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	3550C	
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	3550C	
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	3550C	
MB 480-340763/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-340763/2-A	Lab Control Sample	Total/NA	Solid	3550C	
240-74450-1 MS	S-7878-011617-SSH-0117	Total/NA	Solid	3550C	
240-74450-1 MSD	S-7878-011617-SSH-0117	Total/NA	Solid	3550C	

Analysis Batch: 340993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	8270D	340763
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	8270D	340763
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	8270D	340763
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	8270D	340763
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	8270D	340763
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	8270D	340763
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	8270D	340763
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	8270D	340763
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	8270D	340763
MB 480-340763/1-A	Method Blank	Total/NA	Solid	8270D	340763
LCS 480-340763/2-A	Lab Control Sample	Total/NA	Solid	8270D	340763
240-74450-1 MS	S-7878-011617-SSH-0117	Total/NA	Solid	8270D	340763
240-74450-1 MSD	S-7878-011617-SSH-0117	Total/NA	Solid	8270D	340763

GC Semi VOA

Prep Batch: 263236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	3546	
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	3546	
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	3546	
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	3546	
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	3546	
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	3546	
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	3546	
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	3546	
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	3546	
MB 240-263236/12-A	Method Blank	Total/NA	Solid	3546	
LCS 240-263236/13-A	Lab Control Sample	Total/NA	Solid	3546	
240-74450-9 MS	S-7878-011617-SSH-0917	Total/NA	Solid	3546	
240-74450-9 MSD	S-7878-011617-SSH-0917	Total/NA	Solid	3546	

TestAmerica Canton

QC Association Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

GC Semi VOA (Continued)

Prep Batch: 263254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	3540C	
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	3540C	
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	3540C	
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	3540C	
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	3540C	
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	3540C	
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	3540C	
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	3540C	
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	3540C	
MB 240-263254/20-A	Method Blank	Total/NA	Solid	3540C	
LCS 240-263254/21-A	Lab Control Sample	Total/NA	Solid	3540C	

Prep Batch: 263257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	3540C	
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	3540C	
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	3540C	
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	3540C	
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	3540C	
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	3540C	
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	3540C	
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	3540C	
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	3540C	
MB 240-263257/12-A	Method Blank	Total/NA	Solid	3540C	
LCS 240-263257/13-A	Lab Control Sample	Total/NA	Solid	3540C	
240-74450-1 MS	S-7878-011617-SSH-0117	Total/NA	Solid	3540C	

Analysis Batch: 263585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	8082	263254
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	8082	263254
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	8082	263254
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	8082	263254
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	8082	263254
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	8082	263254
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	8082	263254
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	8082	263254
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	8082	263254
MB 240-263254/20-A	Method Blank	Total/NA	Solid	8082	263254
LCS 240-263254/21-A	Lab Control Sample	Total/NA	Solid	8082	263254

Analysis Batch: 263599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	8081A	263257
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	8081A	263257
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	8081A	263257
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	8081A	263257
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	8081A	263257
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	8081A	263257
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	8081A	263257
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	8081A	263257

TestAmerica Canton

QC Association Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

GC Semi VOA (Continued)

Analysis Batch: 263599 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	8081A	263257
MB 240-263257/12-A	Method Blank	Total/NA	Solid	8081A	263257
LCS 240-263257/13-A	Lab Control Sample	Total/NA	Solid	8081A	263257
240-74450-1 MS	S-7878-011617-SSH-0117	Total/NA	Solid	8081A	263257

Analysis Batch: 263800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	8151A	263236
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	8151A	263236
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	8151A	263236
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	8151A	263236
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	8151A	263236
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	8151A	263236
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	8151A	263236
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	8151A	263236
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	8151A	263236
MB 240-263236/12-A	Method Blank	Total/NA	Solid	8151A	263236
LCS 240-263236/13-A	Lab Control Sample	Total/NA	Solid	8151A	263236
240-74450-9 MS	S-7878-011617-SSH-0917	Total/NA	Solid	8151A	263236
240-74450-9 MSD	S-7878-011617-SSH-0917	Total/NA	Solid	8151A	263236

Metals

Prep Batch: 263300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	3050B	
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	3050B	
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	3050B	
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	3050B	
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	3050B	
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	3050B	
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	3050B	
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	3050B	
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	3050B	
MB 240-263300/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 240-263300/3-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 263801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	6020	263300
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	6020	263300
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	6020	263300
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	6020	263300
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	6020	263300
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	6020	263300
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	6020	263300
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	6020	263300
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	6020	263300
MB 240-263300/1-A ^2	Method Blank	Total/NA	Solid	6020	263300
LCS 240-263300/3-A ^2	Lab Control Sample	Total/NA	Solid	6020	263300

TestAmerica Canton

QC Association Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

General Chemistry

Analysis Batch: 263282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-74450-1	S-7878-011617-SSH-0117	Total/NA	Solid	Moisture	
240-74450-2	S-7878-011617-SSH-0217	Total/NA	Solid	Moisture	
240-74450-3	S-7878-011617-SSH-0317	Total/NA	Solid	Moisture	
240-74450-4	S-7878-011617-SSH-0417	Total/NA	Solid	Moisture	
240-74450-5	S-7878-011617-SSH-0517	Total/NA	Solid	Moisture	
240-74450-6	S-7878-011617-SSH-0617	Total/NA	Solid	Moisture	
240-74450-7	S-7878-011617-SSH-0717	Total/NA	Solid	Moisture	
240-74450-8	S-7878-011617-SSH-0817	Total/NA	Solid	Moisture	
240-74450-9	S-7878-011617-SSH-0917	Total/NA	Solid	Moisture	
240-74450-8 DU	S-7878-011617-SSH-0817	Total/NA	Solid	Moisture	

QC Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Lab Sample ID: MB 480-340763/1-A
Matrix: Solid
Analysis Batch: 340993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 340763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	330	U	330	85	ug/Kg		01/20/17 07:44	01/23/17 13:30	1
Atrazine	170	U	170	59	ug/Kg		01/20/17 07:44	01/23/17 13:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		54 - 120	01/20/17 07:44	01/23/17 13:30	1
2-Fluorobiphenyl	80		60 - 120	01/20/17 07:44	01/23/17 13:30	1
2-Fluorophenol (Surr)	72		52 - 120	01/20/17 07:44	01/23/17 13:30	1
Nitrobenzene-d5 (Surr)	70		53 - 120	01/20/17 07:44	01/23/17 13:30	1
p-Terphenyl-d14 (Surr)	94		65 - 121	01/20/17 07:44	01/23/17 13:30	1
Phenol-d5 (Surr)	74		54 - 120	01/20/17 07:44	01/23/17 13:30	1

Lab Sample ID: LCS 480-340763/2-A
Matrix: Solid
Analysis Batch: 340993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 340763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Atrazine	3280	2610		ug/Kg		80	60 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	80		54 - 120
2-Fluorobiphenyl	80		60 - 120
2-Fluorophenol (Surr)	76		52 - 120
Nitrobenzene-d5 (Surr)	83		53 - 120
p-Terphenyl-d14 (Surr)	87		65 - 121
Phenol-d5 (Surr)	76		54 - 120

Lab Sample ID: 240-74450-1 MS
Matrix: Solid
Analysis Batch: 340993

Client Sample ID: S-7878-011617-SSH-0117
Prep Type: Total/NA
Prep Batch: 340763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Atrazine	200	U	3910	3140		ug/Kg	☼	80	60 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	85		54 - 120
2-Fluorobiphenyl	79		60 - 120
2-Fluorophenol (Surr)	71		52 - 120
Nitrobenzene-d5 (Surr)	82		53 - 120
p-Terphenyl-d14 (Surr)	85		65 - 121
Phenol-d5 (Surr)	71		54 - 120

Lab Sample ID: 240-74450-1 MSD
Matrix: Solid
Analysis Batch: 340993

Client Sample ID: S-7878-011617-SSH-0117
Prep Type: Total/NA
Prep Batch: 340763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Atrazine	200	U	3830	3100		ug/Kg	☼	81	60 - 150	1	20

TestAmerica Canton

QC Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Lab Sample ID: 240-74450-1 MSD
Matrix: Solid
Analysis Batch: 340993

Client Sample ID: S-7878-011617-SSH-0117
Prep Type: Total/NA
Prep Batch: 340763

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	79		54 - 120
2-Fluorobiphenyl	77		60 - 120
2-Fluorophenol (Surr)	69		52 - 120
Nitrobenzene-d5 (Surr)	78		53 - 120
p-Terphenyl-d14 (Surr)	76		65 - 121
Phenol-d5 (Surr)	73		54 - 120

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-263257/12-A
Matrix: Solid
Analysis Batch: 263599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 263257

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	5.1	U	5.1	3.3	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
4,4'-DDE	5.1	U	5.1	1.2	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
4,4'-DDT	5.1	U	5.1	1.4	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Aldrin	5.1	U	5.1	2.4	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
alpha-BHC	5.1	U	5.1	1.6	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
alpha-Chlordane	5.1	U	5.1	3.8	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
beta-BHC	5.1	U	5.1	3.9	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
delta-BHC	5.1	U	5.1	1.3	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Dieldrin	5.1	U	5.1	0.90	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Endosulfan I	5.1	U	5.1	1.3	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Endosulfan II	5.1	U	5.1	1.8	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Endosulfan sulfate	5.1	U	5.1	1.2	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Endrin	5.1	U	5.1	1.4	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Endrin aldehyde	5.1	U	5.1	1.8	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Endrin ketone	5.1	U	5.1	1.1	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
gamma-BHC (Lindane)	5.1	U	5.1	2.9	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
gamma-Chlordane	5.1	U	5.1	1.5	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Heptachlor	5.1	U	5.1	0.78	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Heptachlor epoxide	5.1	U	5.1	2.4	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Methoxychlor	9.9	U	9.9	1.2	ug/Kg		01/18/17 09:28	01/20/17 11:48	1
Toxaphene	100	U	100	37	ug/Kg		01/18/17 09:28	01/20/17 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		13 - 135	01/18/17 09:28	01/20/17 11:48	1
Tetrachloro-m-xylene	74		30 - 120	01/18/17 09:28	01/20/17 11:48	1

Lab Sample ID: LCS 240-263257/13-A
Matrix: Solid
Analysis Batch: 263599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263257

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	100	67.6		ug/Kg		68	48 - 120
4,4'-DDE	100	66.8		ug/Kg		67	46 - 120

TestAmerica Canton

QC Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 240-263257/13-A
Matrix: Solid
Analysis Batch: 263599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263257

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDT	100	67.7		ug/Kg		68	48 - 120
Aldrin	100	60.1		ug/Kg		60	36 - 120
alpha-BHC	100	66.2		ug/Kg		66	48 - 120
alpha-Chlordane	100	68.3		ug/Kg		68	44 - 120
beta-BHC	100	60.7		ug/Kg		61	45 - 120
delta-BHC	100	52.2		ug/Kg		52	33 - 120
Dieldrin	100	68.9		ug/Kg		69	47 - 120
Endosulfan I	100	48.6		ug/Kg		49	28 - 120
Endosulfan II	100	54.0		ug/Kg		54	39 - 120
Endosulfan sulfate	100	58.1		ug/Kg		58	46 - 120
Endrin	100	71.0		ug/Kg		71	28 - 136
Endrin aldehyde	100	59.4		ug/Kg		59	38 - 120
Endrin ketone	100	64.1		ug/Kg		64	44 - 120
gamma-BHC (Lindane)	100	64.8		ug/Kg		65	39 - 120
gamma-Chlordane	100	70.3		ug/Kg		70	46 - 120
Heptachlor	100	68.3		ug/Kg		68	48 - 120
Heptachlor epoxide	100	71.4		ug/Kg		71	51 - 120
Methoxychlor	100	62.4		ug/Kg		62	38 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	58		13 - 135
Tetrachloro-m-xylene	86		30 - 120

Lab Sample ID: 240-74450-1 MS
Matrix: Solid
Analysis Batch: 263599

Client Sample ID: S-7878-011617-SSH-0117
Prep Type: Total/NA
Prep Batch: 263257

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	5.9	U F1 F2	116	78.5	p	ug/Kg	☼	67	27 - 120
4,4'-DDE	5.9	U	116	72.2	p	ug/Kg	☼	62	25 - 120
4,4'-DDT	5.9	U	116	78.8	p	ug/Kg	☼	68	19 - 125
Aldrin	5.9	U	116	62.4	p	ug/Kg	☼	54	15 - 120
alpha-BHC	5.9	U	116	82.7	p	ug/Kg	☼	71	30 - 120
alpha-Chlordane	5.9	U	116	63.0	p	ug/Kg	☼	54	28 - 120
beta-BHC	5.9	U	116	69.3	p	ug/Kg	☼	60	20 - 120
delta-BHC	5.9	U	116	65.1		ug/Kg	☼	56	20 - 120
Dieldrin	5.9	U	116	75.8	p	ug/Kg	☼	65	29 - 120
Endosulfan I	5.9	U	116	49.9	p	ug/Kg	☼	43	10 - 120
Endosulfan II	5.9	U F2	116	60.7	p	ug/Kg	☼	52	21 - 120
Endosulfan sulfate	5.9	U F1 F2	116	67.7	p	ug/Kg	☼	58	27 - 120
Endrin	5.9	U F2	116	80.5	p	ug/Kg	☼	69	26 - 129
Endrin aldehyde	5.9	U F2	116	66.0	p	ug/Kg	☼	57	18 - 120
Endrin ketone	5.9	U F1 F2	116	71.4	p	ug/Kg	☼	61	28 - 120
gamma-BHC (Lindane)	5.9	U	116	78.6		ug/Kg	☼	68	27 - 120
gamma-Chlordane	5.9	U	116	76.1		ug/Kg	☼	65	29 - 120
Heptachlor	5.9	U	116	73.9		ug/Kg	☼	64	35 - 120
Heptachlor epoxide	5.9	U	116	76.0		ug/Kg	☼	65	32 - 120
Methoxychlor	12	U F1 F2	116	71.2	p	ug/Kg	☼	61	26 - 120

TestAmerica Canton

QC Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	50	p	13 - 135
Tetrachloro-m-xylene	78		30 - 120

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

Lab Sample ID: MB 240-263254/20-A
Matrix: Solid
Analysis Batch: 263585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 263254

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	50	U	50	24	ug/Kg		01/18/17 08:47	01/20/17 14:34	1
Aroclor-1221	50	U	50	23	ug/Kg		01/18/17 08:47	01/20/17 14:34	1
Aroclor-1232	50	U	50	16	ug/Kg		01/18/17 08:47	01/20/17 14:34	1
Aroclor-1242	50	U	50	20	ug/Kg		01/18/17 08:47	01/20/17 14:34	1
Aroclor-1248	50	U	50	17	ug/Kg		01/18/17 08:47	01/20/17 14:34	1
Aroclor-1254	50	U	50	14	ug/Kg		01/18/17 08:47	01/20/17 14:34	1
Aroclor-1260	50	U	50	18	ug/Kg		01/18/17 08:47	01/20/17 14:34	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	65		14 - 128	01/18/17 08:47	01/20/17 14:34	1
DCB Decachlorobiphenyl	63		10 - 132	01/18/17 08:47	01/20/17 14:34	1

Lab Sample ID: LCS 240-263254/21-A
Matrix: Solid
Analysis Batch: 263585

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263254

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Aroclor-1016	1000	810		ug/Kg		81	47 - 120
Aroclor-1260	1000	786		ug/Kg		79	46 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	86		14 - 128
DCB Decachlorobiphenyl	62		10 - 132

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 240-263236/12-A
Matrix: Solid
Analysis Batch: 263800

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 263236

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-T	60	U	60	7.0	ug/Kg		01/18/17 08:01	01/23/17 11:42	1
2,4-D	240	U	240	30	ug/Kg		01/18/17 08:01	01/23/17 11:42	1
Silvex (2,4,5-TP)	60	U	60	6.0	ug/Kg		01/18/17 08:01	01/23/17 11:42	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4-Dichlorophenylacetic acid	70		19 - 120	01/18/17 08:01	01/23/17 11:42	1

TestAmerica Canton

QC Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 240-263236/13-A

Matrix: Solid

Analysis Batch: 263800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 263236

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4,5-T	250	200		ug/Kg		80	51 - 134
2,4-D	1000	1070		ug/Kg		107	55 - 120
Silvex (2,4,5-TP)	250	187		ug/Kg		75	57 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	80		19 - 120

Lab Sample ID: 240-74450-9 MS

Matrix: Solid

Analysis Batch: 263800

Client Sample ID: S-7878-011617-SSH-0917

Prep Type: Total/NA

Prep Batch: 263236

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2,4,5-T	71	U	297	242		ug/Kg	☼	81	30 - 120
2,4-D	280	U	1190	1260		ug/Kg	☼	106	26 - 120
Silvex (2,4,5-TP)	71	U	297	234		ug/Kg	☼	79	32 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4-Dichlorophenylacetic acid	83		19 - 120

Lab Sample ID: 240-74450-9 MSD

Matrix: Solid

Analysis Batch: 263800

Client Sample ID: S-7878-011617-SSH-0917

Prep Type: Total/NA

Prep Batch: 263236

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4,5-T	71	U	297	230		ug/Kg	☼	77	30 - 120	5	40
2,4-D	280	U	1190	1200		ug/Kg	☼	101	26 - 120	5	40
Silvex (2,4,5-TP)	71	U	297	223		ug/Kg	☼	75	32 - 120	5	37

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	79		19 - 120

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 240-263300/1-A ^2

Matrix: Solid

Analysis Batch: 263801

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 263300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.0	U	1.0	0.026	mg/Kg		01/18/17 11:01	01/20/17 16:21	2
Lead	0.20	U	0.20	0.045	mg/Kg		01/18/17 11:01	01/20/17 16:21	2

Lab Sample ID: LCS 240-263300/3-A ^2

Matrix: Solid

Analysis Batch: 263801

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 263300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	100	81.2		mg/Kg		81	80 - 120

TestAmerica Canton

QC Sample Results

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 240-263300/3-A ^2
Matrix: Solid
Analysis Batch: 263801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263300
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	100	104		mg/Kg		104	80 - 120

Method: Moisture - Percent Moisture

Lab Sample ID: 240-74450-8 DU
Matrix: Solid
Analysis Batch: 263282

Client Sample ID: S-7878-011617-SSH-0817
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	83.1		83.6		%		0.6	20
Percent Moisture	16.9		16.4		%		3	20

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (54-120)	FBP (60-120)	2FP (52-120)	NBZ (53-120)	TPH (65-121)	PHL (54-120)
240-74450-1	S-7878-011617-SSH-0117	75	75	73	69	87	73
240-74450-1 MS	S-7878-011617-SSH-0117	85	79	71	82	85	71
240-74450-1 MSD	S-7878-011617-SSH-0117	79	77	69	78	76	73
240-74450-2	S-7878-011617-SSH-0217	70	67	73	67	79	74
240-74450-3	S-7878-011617-SSH-0317	74	74	75	70	85	76
240-74450-4	S-7878-011617-SSH-0417	70	68	70	67	76	72
240-74450-5	S-7878-011617-SSH-0517	67	70	70	68	76	71
240-74450-6	S-7878-011617-SSH-0617	72	73	69	69	88	71
240-74450-7	S-7878-011617-SSH-0717	83	80	74	67	86	75
240-74450-8	S-7878-011617-SSH-0817	71	75	69	69	90	71
240-74450-9	S-7878-011617-SSH-0917	69	68	70	66	84	70
LCS 480-340763/2-A	Lab Control Sample	80	80	76	83	87	76
MB 480-340763/1-A	Method Blank	69	80	72	70	94	74

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPH = p-Terphenyl-d14 (Surr)

PHL = Phenol-d5 (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (13-135)	DCB2 (13-135)	TCX1 (30-120)	TCX2 (30-120)
240-74450-1	S-7878-011617-SSH-0117	61	82	82	115
240-74450-1 MS	S-7878-011617-SSH-0117	50 p	92	78	100
240-74450-2	S-7878-011617-SSH-0217	52	78	81	80
240-74450-3	S-7878-011617-SSH-0317	58	76	63	87
240-74450-4	S-7878-011617-SSH-0417	68	81	100	87
240-74450-5	S-7878-011617-SSH-0517	66	84	67	84
240-74450-6	S-7878-011617-SSH-0617	63	76	87	81
240-74450-7	S-7878-011617-SSH-0717	50	61	67	70
240-74450-8	S-7878-011617-SSH-0817	67	79	90	95
240-74450-9	S-7878-011617-SSH-0917	56	81	77	92
LCS 240-263257/13-A	Lab Control Sample	58	76	86	72
MB 240-263257/12-A	Method Blank	76	79	74	65

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

TestAmerica Canton

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (14-128)	DCB1 (10-132)
240-74450-1	S-7878-011617-SSH-0117	109	89
240-74450-2	S-7878-011617-SSH-0217	86	82
240-74450-3	S-7878-011617-SSH-0317	88	85
240-74450-4	S-7878-011617-SSH-0417	78	76
240-74450-5	S-7878-011617-SSH-0517	82	96
240-74450-6	S-7878-011617-SSH-0617	97	90
240-74450-7	S-7878-011617-SSH-0717	88	81
240-74450-8	S-7878-011617-SSH-0817	100	90
240-74450-9	S-7878-011617-SSH-0917	91	75
LCS 240-263254/21-A	Lab Control Sample	86	62
MB 240-263254/20-A	Method Blank	65	63

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPA1 (19-120)	DCPA2 (19-120)
240-74450-1	S-7878-011617-SSH-0117	57	60
240-74450-2	S-7878-011617-SSH-0217	62	64
240-74450-3	S-7878-011617-SSH-0317	57	61
240-74450-4	S-7878-011617-SSH-0417	70	72
240-74450-5	S-7878-011617-SSH-0517	62	64
240-74450-6	S-7878-011617-SSH-0617	72	74
240-74450-7	S-7878-011617-SSH-0717	61	64
240-74450-8	S-7878-011617-SSH-0817	65	69
240-74450-9	S-7878-011617-SSH-0917	59	63
240-74450-9 MS	S-7878-011617-SSH-0917	77	83
240-74450-9 MSD	S-7878-011617-SSH-0917	75	79
LCS 240-263236/13-A	Lab Control Sample	76	80
MB 240-263236/12-A	Method Blank	65	70

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Client Sample ID: S-7878-011617-SSH-0117

Lab Sample ID: 240-74450-1

Date Collected: 01/16/17 10:30

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0117

Lab Sample ID: 240-74450-1

Date Collected: 01/16/17 10:30

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		1	340993	01/23/17 15:14	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 12:37	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 10:53	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 12:31	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 17:28	AS1	TAL CAN

Client Sample ID: S-7878-011617-SSH-0217

Lab Sample ID: 240-74450-2

Date Collected: 01/16/17 10:35

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0217

Lab Sample ID: 240-74450-2

Date Collected: 01/16/17 10:35

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		1	340993	01/23/17 15:40	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 13:50	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 11:11	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 12:55	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 17:32	AS1	TAL CAN

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Client Sample ID: S-7878-011617-SSH-0317

Lab Sample ID: 240-74450-3

Date Collected: 01/16/17 10:40

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0317

Lab Sample ID: 240-74450-3

Date Collected: 01/16/17 10:40

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		1	340993	01/23/17 16:06	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 14:14	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 11:30	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 13:19	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 17:36	AS1	TAL CAN

Client Sample ID: S-7878-011617-SSH-0417

Lab Sample ID: 240-74450-4

Date Collected: 01/16/17 10:45

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0417

Lab Sample ID: 240-74450-4

Date Collected: 01/16/17 10:45

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		1	340993	01/23/17 16:32	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 14:40	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 11:48	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 13:43	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 17:40	AS1	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Client Sample ID: S-7878-011617-SSH-0517

Lab Sample ID: 240-74450-5

Date Collected: 01/16/17 10:50

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0517

Lab Sample ID: 240-74450-5

Date Collected: 01/16/17 10:50

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		1	340993	01/23/17 16:58	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 15:04	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 12:07	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 14:32	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 17:45	AS1	TAL CAN

Client Sample ID: S-7878-011617-SSH-0617

Lab Sample ID: 240-74450-6

Date Collected: 01/16/17 10:55

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0617

Lab Sample ID: 240-74450-6

Date Collected: 01/16/17 10:55

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		1	340993	01/23/17 17:24	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 15:29	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 12:25	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 14:56	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 17:49	AS1	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Client Sample ID: S-7878-011617-SSH-0717

Lab Sample ID: 240-74450-7

Date Collected: 01/16/17 11:00

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0717

Lab Sample ID: 240-74450-7

Date Collected: 01/16/17 11:00

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		5	340993	01/23/17 17:50	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 15:53	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 12:43	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 15:20	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 17:53	AS1	TAL CAN

Client Sample ID: S-7878-011617-SSH-0817

Lab Sample ID: 240-74450-8

Date Collected: 01/16/17 11:05

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0817

Lab Sample ID: 240-74450-8

Date Collected: 01/16/17 11:05

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		1	340993	01/23/17 18:17	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 16:17	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 13:02	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 15:44	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 17:57	AS1	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Client Sample ID: S-7878-011617-SSH-0917

Lab Sample ID: 240-74450-9

Date Collected: 01/16/17 11:10

Matrix: Solid

Date Received: 01/17/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	263282	01/18/17 10:15	JWW	TAL CAN

Client Sample ID: S-7878-011617-SSH-0917

Lab Sample ID: 240-74450-9

Date Collected: 01/16/17 11:10

Matrix: Solid

Date Received: 01/17/17 09:30

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			340763	01/20/17 07:44	RJS	TAL BUF
Total/NA	Analysis	8270D		1	340993	01/23/17 18:43	LMW	TAL BUF
Total/NA	Prep	3540C			263257	01/18/17 09:28	SDE	TAL CAN
Total/NA	Analysis	8081A		1	263599	01/20/17 16:42	BPM	TAL CAN
Total/NA	Prep	3540C			263254	01/18/17 08:47	SDE	TAL CAN
Total/NA	Analysis	8082		1	263585	01/20/17 13:20	LSH	TAL CAN
Total/NA	Prep	3546			263236	01/18/17 08:01	SDE	TAL CAN
Total/NA	Analysis	8151A		1	263800	01/23/17 16:09	RTR	TAL CAN
Total/NA	Prep	3050B			263300	01/18/17 11:01	DEE	TAL CAN
Total/NA	Analysis	6020		2	263801	01/20/17 18:02	AS1	TAL CAN

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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

Certification Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

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	State Program	9	2927	04-30-17 *
Connecticut	State Program	1	PH-0590	12-31-17
Florida	NELAP	4	E87225	06-30-17
Illinois	NELAP	5	200004	07-31-17
Kansas	NELAP	7	E-10336	01-31-17 *
Kentucky (UST)	State Program	4	58	02-23-17 *
Kentucky (WW)	State Program	4	98016	12-31-16 *
Minnesota	NELAP	5	039-999-348	12-31-17
Minnesota (Petrofund)	State Program	1	3506	07-31-17
Nevada	State Program	9	OH-000482008A	07-31-17
New Jersey	NELAP	2	OH001	06-30-17
New York	NELAP	2	10975	03-31-17 *
Ohio VAP	State Program	5	CL0024	09-14-17
Oregon	NELAP	10	4062	02-23-17 *
Pennsylvania	NELAP	3	68-00340	08-31-17
Texas	NELAP	6	T104704517-15-5	08-31-17
USDA	Federal		P330-16-00404	12-28-19
Virginia	NELAP	3	460175	09-14-17
Washington	State Program	10	C971	01-12-18
West Virginia DEP	State Program	3	210	12-31-16 *
Wisconsin	State Program	5	999518190	08-31-17

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-17
California	State Program	9	1169CA	09-30-17
Connecticut	State Program	1	PH-0568	09-30-18
Florida	NELAP	4	E87672	06-30-17
Georgia	State Program	4	N/A	03-31-17 *
Georgia	State Program	4	956	03-31-17 *
Illinois	NELAP	5	200003	09-30-17
Iowa	State Program	7	374	03-01-17 *
Kansas	NELAP	7	E-10187	11-30-16 *
Kentucky (DW)	State Program	4	90029	12-31-17
Kentucky (UST)	State Program	4	30	03-31-17 *
Kentucky (WW)	State Program	4	90029	12-31-16 *
Louisiana	NELAP	6	02031	06-30-17
Maine	State Program	1	NY00044	12-04-18
Maryland	State Program	3	294	03-31-17 *
Massachusetts	State Program	1	M-NY044	06-30-17
Michigan	State Program	5	9937	03-31-17 *
Minnesota	NELAP	5	036-999-337	12-31-17
New Hampshire	NELAP Primary AB	1	2973	09-11-17
New Hampshire	NELAP Secondary AB	1	2337	11-17-17
New Jersey	NELAP	2	NY455	06-30-17
New York	NELAP	2	10026	03-31-17 *
North Dakota	State Program	8	R-176	03-31-17 *
Oklahoma	State Program	6	9421	08-31-17

* Certification renewal pending - certification considered valid.

TestAmerica Canton

Certification Summary

Client: GHD Services Inc.
Project/Site: 7878, RACER SMI

TestAmerica Job ID: 240-74450-1

Laboratory: TestAmerica Buffalo (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Oregon	NELAP	10	NY200003	06-09-17
Pennsylvania	NELAP	3	68-00281	07-31-17
Rhode Island	State Program	1	LAO00328	12-30-17
Tennessee	State Program	4	TN02970	03-31-17 *
Texas	NELAP	6	T104704412-15-6	07-31-17
USDA	Federal		P330-11-00386	11-26-17
Virginia	NELAP	3	460185	09-14-17
Washington	State Program	10	C784	02-10-17 *
West Virginia DEP	State Program	3	252	09-30-16 *
Wisconsin	State Program	5	998310390	08-31-17

* Certification renewal pending - certification considered valid.

TestAmerica Canton

TESTAMERICA MICHIGAN
 10448 Citation Drive
 Suite 200
 Brighton, MI 48116
 Phone: 810.229.2763 Fax:

0.2/CO2 Chain of Custody Record

190036

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING
 TestAmerica Laboratories, Inc.
 TAL-8210 (0713)

Regulatory Program: DW NPDES RCRA Other:

Client Contact
 Company Name: **GHD**
 Address: **14416 N. Sheldon Rd. Suite 200**
 City/State/Zip: **PLYMOUTH MI 48170**
 Phone: **734 453 5123**
 Fax:
 Project Name: **RacerTrust SMI**
 Site: **727B-T01-014**
 P.O.# **24006918**

Project Manager: **M. Tomlg**
 Tel/Fax: **519 884 0510**
 Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Site Contact: **JE Parlys** Date: **1/16/17**
 Lab Contact: **A Hecker** Carrier: **FedEx**
 COC No: **190036**
 1 of 1 COCs
 Sampler: **S. Howeney**
 For Lab Use Only:
 Walk-in Client:
 Lab Sampling:
 Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	PCBs	SVOCs	pest	Heb.	arsenic	Lead	Sample Specific Notes:
S-7878-011617-SSH-0117	1/16/17	1030	G	SD	W		X	X	X	X	X	X	
-0217		1035	G	SD	W		X	X	X	X	X	X	
-0317		1040	G	SD	W		X	X	X	X	X	X	
-0417		1045	G	SD	W		X	X	X	X	X	X	
-0517		1050	G	SD	W		X	X	X	X	X	X	
-0617		1055	G	SD	W		X	X	X	X	X	X	
-0717		1100	G	SD	W		X	X	X	X	X	X	
-0817		1105	G	SD	W		X	X	X	X	X	X	
S-7878-011617-SSH-0917		1110	G	SD	W		X	X	X	X	X	X	



Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 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: **TAT - 1 week**

Custody Seal No.: **966809**
 Custody Seal Intact: Yes No
 Relinquished by: **Andi Ann** Date/Time: **1/16/17 1600**
 Company: **GHD**
 Relinquished by: **POP** Date/Time: **1/17-17 930**
 Company: **TAL**
 Relinquished by: Date/Time: Date/Time: Date/Time:



TestAmerica Canton Sample Receipt Form/Narrative Login # : _____

Canton Facility

Client GHD Site Name _____ Cooler unpacked by: POP

Cooler Received on 1-17-17 Opened on 1-17-17

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

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

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

See Multiple Cooler Form

- Cooler temperature upon receipt
 IR GUN# IR-8 (CF +0 °C) Observed Cooler Temp. 0.2 °C Corrected Cooler Temp. 0.2 °C
 IR GUN #36 (CF +1.1°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
- Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
- Shippers' packing slip attached to the cooler(s)? Yes No
- Did custody papers accompany the sample(s)? Yes No
- Were the custody papers relinquished & signed in the appropriate place? Yes No
- Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
- Did all bottles arrive in good condition (Unbroken)? Yes No
- Could all bottle labels be reconciled with the COC? Yes No
- Were correct bottle(s) used for the test(s) indicated? Yes No
- Sufficient quantity received to perform indicated analyses? Yes No
- Are these work share samples? Yes No
 If yes, Questions 11-15 have been checked at the originating laboratory.
- Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC682547
- Were VOAs on the COC? Yes No
- Were air bubbles >6 mm in any VOA vials? Yes No NA
- Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
- Was a LL Hg or Me Hg trip blank present? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by: _____

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 the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 240-74450-1

Login Number: 74450
List Number: 2
Creator: Hulbert, Michael J

List Source: TestAmerica Buffalo
List Creation: 01/19/17 03:50 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7 #1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

