



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

August 18, 2009

Ron Hicks  
Riverside Associates  
1123 Pomona Road  
Yakima, WA 98901

Re: Analytical Data for Project 809  
Laboratory Reference No. 0908-069

Dear Ron:

Enclosed are the analytical results and associated quality control data for samples submitted on August 11, 2009.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Baumeister', with a long horizontal line extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

### **Case Narrative**

Samples were collected on August 7, 2009, and received by the laboratory on August 11, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: August 18, 2009  
 Samples Submitted: August 11, 2009  
 Laboratory Reference: 0908-069  
 Project: 809

# **NWTPH-Dx**

Date Extracted: 8-12-09  
 Date Analyzed: 8-12-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B227</b>	<b>809B228</b>	<b>809B229</b>
Lab ID:	08-069-01	08-069-02	08-069-03
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	26	27	28
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	52	54	55
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	113%	99%	106%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
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 Project: 809

# **NWTPH-Dx**

Date Extracted: 8-12-09  
 Date Analyzed: 8-12-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B230</b>	<b>809B231</b>	<b>809B232</b>
Lab ID:	08-069-04	08-069-05	08-069-06
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	27	27	29
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	54	54	57
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	136%	129%	123%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
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 Project: 809

# **NWTPH-Dx**

Date Extracted: 8-12-09  
 Date Analyzed: 8-12-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B233</b>	<b>809B234</b>	<b>809B235</b>
Lab ID:	08-069-07	08-069-08	08-069-09
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	30	31	31
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	60	61	62
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	120%	118%	134%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
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 Project: 809

# **NWTPH-Dx**

Date Extracted: 8-12-09  
 Date Analyzed: 8-12&13-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B236</b>	<b>809B237</b>	<b>809B238</b>
Lab ID:	08-069-10	08-069-11	08-069-12
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	28	29	28
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	57	57	57
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	123%	140%	147%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
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Project: 809

**NWTPH-Dx**

Date Extracted: 8-12-09  
Date Analyzed: 8-13-09

Matrix: Soil  
Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B239</b>	<b>809B240</b>	<b>809B241</b>
Lab ID:	08-069-13	08-069-14	08-069-15
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	29	27	27
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	59	54	54
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	104%	127%	114%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
 Samples Submitted: August 11, 2009  
 Laboratory Reference: 0908-069  
 Project: 809

# **NWTPH-Dx**

Date Extracted: 8-12&13-09  
 Date Analyzed: 8-13-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B242</b>	<b>809B243</b>	<b>809B244</b>
Lab ID:	08-069-16	08-069-17	08-069-18
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	30	29	28
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	60	58	56
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	120%	125%	76%
Flags:	Y	Y	Y



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# **NWTPH-Dx**

Date Extracted: 8-13-09  
 Date Analyzed: 8-13-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B245</b>	<b>809B246</b>	<b>809B247</b>
Lab ID:	08-069-19	08-069-20	08-069-21
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	28	30	29
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>190</b>	<b>ND</b>
PQL:	57	60	58
Identification:	---	Lube Oil	---
Surrogate Recovery			
o-Terphenyl:	90%	91%	84%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
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# **NWTPH-Dx**

Date Extracted: 8-13-09  
 Date Analyzed: 8-13-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B248</b>	<b>809B249</b>	<b>809B250</b>
Lab ID:	08-069-22	08-069-23	08-069-24
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	31	32	31
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	63	63	62
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	93%	83%	83%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
 Samples Submitted: August 11, 2009  
 Laboratory Reference: 0908-069  
 Project: 809

### NWTPH-Dx

Date Extracted: 8-13-09  
 Date Analyzed: 8-13-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B251</b>	<b>809B252</b>	<b>809B253</b>
Lab ID:	08-069-25	08-069-26	08-069-27
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	31	29	27
Identification:	---	---	---
Lube Oil Range:	<b>ND</b>	<b>150</b>	<b>250</b>
PQL:	61	59	54
Identification:	---	Lube Oil	Lube Oil
Surrogate Recovery			
o-Terphenyl:	80%	92%	97%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
 Samples Submitted: August 11, 2009  
 Laboratory Reference: 0908-069  
 Project: 809

# **NWTPH-Dx**

Date Extracted: 8-13-09  
 Date Analyzed: 8-13-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>809B254</b>	<b>809B255</b>	<b>809B256</b>
Lab ID:	08-069-28	08-069-29	08-069-30
Diesel Range:	<b>ND</b>	<b>ND</b>	<b>ND</b>
PQL:	28	28	28
Identification:	---	---	---
Lube Oil Range:	<b>330</b>	<b>440</b>	<b>ND</b>
PQL:	56	56	56
Identification:	Lube Oil	Lube Oil	---
Surrogate Recovery			
o-Terphenyl:	93%	98%	99%
Flags:	Y	Y	Y

Date of Report: August 18, 2009  
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Laboratory Reference: 0908-069  
Project: 809

**NWTPH-Dx**

Date Extracted: 8-13-09  
Date Analyzed: 8-13-09

Matrix: Soil  
Units: mg/kg (ppm)

**Client ID:** 809B257  
Lab ID: 08-069-31

Diesel Range: **ND**  
PQL: 27  
Identification: ---

Lube Oil Range: **ND**  
PQL: 53  
Identification: ---

Surrogate Recovery  
o-Terphenyl: 97%

Flags: Y

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**NWTPH-Dx**  
**METHOD BLANK QUALITY CONTROL**

Date Extracted: 8-12-09  
Date Analyzed: 8-13-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: MB0812S3

Diesel Range: **ND**  
PQL: 25  
Identification: ---

Lube Oil Range: **ND**  
PQL: 50  
Identification: ---

Surrogate Recovery  
o-Terphenyl: 138%

Flags: Y

Date of Report: August 18, 2009  
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Project: 809

**NWTPH-Dx**  
**METHOD BLANK QUALITY CONTROL**

Date Extracted: 8-13-09  
Date Analyzed: 8-13-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: MB0813S1

Diesel Range: **ND**  
PQL: 25  
Identification: ---

Lube Oil Range: **ND**  
PQL: 50  
Identification: ---

Surrogate Recovery  
o-Terphenyl: 91%

Flags: Y

Date of Report: August 18, 2009  
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Laboratory Reference: 0908-069  
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**NWTPH-Dx**  
**DUPLICATE QUALITY CONTROL**

Date Extracted: 8-12-09  
Date Analyzed: 8-13-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: 08-068-46 08-068-46 DUP

Diesel Range: **ND** **ND**  
PQL: 25 25

RPD: N/A

Surrogate Recovery  
o-Terphenyl: 120% 127%

Flags: Y Y



Date of Report: August 18, 2009  
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Laboratory Reference: 0908-069  
Project: 809

**NWTPH-Dx**  
**DUPLICATE QUALITY CONTROL**

Date Extracted: 8-12-09  
Date Analyzed: 8-12-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: 08-069-07 08-069-07 DUP

Diesel Range: **ND** **ND**  
PQL: 25 25

RPD: N/A

Surrogate Recovery  
o-Terphenyl: 120% 100%

Flags: Y Y

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**NWTPH-Dx**  
**DUPLICATE QUALITY CONTROL**

Date Extracted: 8-13-09  
Date Analyzed: 8-13-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: 08-069-19 08-069-19 DUP

Diesel Range: **ND** **ND**  
PQL: 25 25

RPD: N/A

Surrogate Recovery  
o-Terphenyl: 90% 88%

Flags: Y Y

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**NWTPH-Dx**  
**DUPLICATE QUALITY CONTROL**

Date Extracted: 8-13-09  
Date Analyzed: 8-13-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: 08-069-27 08-069-27 DUP

Diesel Range: **ND** **ND**  
PQL: 25 25

RPD: N/A

Surrogate Recovery  
o-Terphenyl: 97% 87%

Flags: Y Y

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-01

Client ID: **809B227**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	10
Barium	6010B	<b>130</b>	2.6
Cadmium	6010B	<b>ND</b>	0.52
Chromium	6010B	<b>17</b>	0.52
Lead	6010B	<b>8.7</b>	5.2
Mercury	7471A	<b>ND</b>	0.26
Selenium	6010B	<b>ND</b>	10
Silver	6010B	<b>ND</b>	0.52

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-02

Client ID: **809B228**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>140</b>	2.7
Cadmium	6010B	<b>ND</b>	0.54
Chromium	6010B	<b>18</b>	0.54
Lead	6010B	<b>8.8</b>	5.4
Mercury	7471A	<b>ND</b>	0.27
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.54

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-03

Client ID: **809B229**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>140</b>	2.7
Cadmium	6010B	<b>ND</b>	0.55
Chromium	6010B	<b>17</b>	0.55
Lead	6010B	<b>8.7</b>	5.5
Mercury	7471A	<b>ND</b>	0.27
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.55

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-04

Client ID: **809B230**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>140</b>	2.7
Cadmium	6010B	<b>ND</b>	0.54
Chromium	6010B	<b>17</b>	0.54
Lead	6010B	<b>8.0</b>	5.4
Mercury	7471A	<b>ND</b>	0.27
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.54

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-05

Client ID: **809B231**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>130</b>	2.7
Cadmium	6010B	<b>ND</b>	0.54
Chromium	6010B	<b>17</b>	0.54
Lead	6010B	<b>8.4</b>	5.4
Mercury	7471A	<b>ND</b>	0.27
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.54



Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-06

Client ID: **809B232**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>140</b>	2.9
Cadmium	6010B	<b>ND</b>	0.57
Chromium	6010B	<b>17</b>	0.57
Lead	6010B	<b>6.6</b>	5.7
Mercury	7471A	<b>ND</b>	0.29
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.57

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-07

Client ID: **809B233**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>120</b>	3.0
Cadmium	6010B	<b>ND</b>	0.60
Chromium	6010B	<b>18</b>	0.60
Lead	6010B	<b>7.7</b>	6.0
Mercury	7471A	<b>ND</b>	0.30
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.60

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-08

Client ID: **809B234**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>130</b>	3.0
Cadmium	6010B	<b>ND</b>	0.61
Chromium	6010B	<b>15</b>	0.61
Lead	6010B	<b>6.6</b>	6.1
Mercury	7471A	<b>ND</b>	0.30
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.61

Date of Report: August 18, 2009  
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Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-09

Client ID: **809B235**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>170</b>	3.1
Cadmium	6010B	<b>ND</b>	0.62
Chromium	6010B	<b>16</b>	0.62
Lead	6010B	<b>10</b>	6.2
Mercury	7471A	<b>ND</b>	0.31
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.62

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**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-10

Client ID: **809B236**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>130</b>	2.8
Cadmium	6010B	<b>ND</b>	0.57
Chromium	6010B	<b>17</b>	0.57
Lead	6010B	<b>7.8</b>	5.7
Mercury	7471A	<b>ND</b>	0.28
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.57

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**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-11

Client ID: **809B237**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>130</b>	2.9
Cadmium	6010B	<b>ND</b>	0.57
Chromium	6010B	<b>16</b>	0.57
Lead	6010B	<b>15</b>	5.7
Mercury	7471A	<b>ND</b>	0.29
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.57

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**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-12

Client ID: **809B238**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>120</b>	2.8
Cadmium	6010B	<b>ND</b>	0.57
Chromium	6010B	<b>16</b>	0.57
Lead	6010B	<b>9.6</b>	5.7
Mercury	7471A	<b>ND</b>	0.28
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.57

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**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-13

Client ID: **809B239**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>130</b>	2.9
Cadmium	6010B	<b>ND</b>	0.59
Chromium	6010B	<b>16</b>	0.59
Lead	6010B	<b>8.9</b>	5.9
Mercury	7471A	<b>ND</b>	0.29
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.59



Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-14

Client ID: **809B240**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>120</b>	2.7
Cadmium	6010B	<b>ND</b>	0.54
Chromium	6010B	<b>17</b>	0.54
Lead	6010B	<b>7.9</b>	5.4
Mercury	7471A	<b>3.5</b>	0.54
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.54

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-15

Client ID: **809B241**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>130</b>	2.7
Cadmium	6010B	<b>ND</b>	0.54
Chromium	6010B	<b>19</b>	0.54
Lead	6010B	<b>9.8</b>	5.4
Mercury	7471A	<b>2.7</b>	0.54
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.54

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-16

Client ID: **809B242**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>130</b>	3.0
Cadmium	6010B	<b>ND</b>	0.60
Chromium	6010B	<b>17</b>	0.60
Lead	6010B	<b>11</b>	6.0
Mercury	7471A	<b>ND</b>	0.30
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.60

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-17

Client ID: **809B243**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>140</b>	2.9
Cadmium	6010B	<b>ND</b>	0.58
Chromium	6010B	<b>17</b>	0.58
Lead	6010B	<b>8.2</b>	5.8
Mercury	7471A	<b>ND</b>	0.29
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.58

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-18

Client ID: **809B244**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>120</b>	2.8
Cadmium	6010B	<b>ND</b>	0.56
Chromium	6010B	<b>18</b>	0.56
Lead	6010B	<b>6.5</b>	5.6
Mercury	7471A	<b>ND</b>	0.28
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.56

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-19

Client ID: **809B245**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>130</b>	2.8
Cadmium	6010B	<b>ND</b>	0.57
Chromium	6010B	<b>17</b>	0.57
Lead	6010B	<b>9.5</b>	5.7
Mercury	7471A	<b>ND</b>	0.28
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.57

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-20

Client ID: **809B246**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>130</b>	3.0
Cadmium	6010B	<b>ND</b>	0.60
Chromium	6010B	<b>18</b>	0.60
Lead	6010B	<b>9.7</b>	6.0
Mercury	7471A	<b>ND</b>	0.30
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.60

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-21

Client ID: **809B247**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>150</b>	29
Cadmium	6010B	<b>ND</b>	0.58
Chromium	6010B	<b>17</b>	0.58
Lead	6010B	<b>9.0</b>	5.8
Mercury	7471A	<b>ND</b>	0.29
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.58



Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-22

Client ID: **809B248**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	13
Barium	6010B	<b>140</b>	3.1
Cadmium	6010B	<b>ND</b>	0.63
Chromium	6010B	<b>17</b>	0.63
Lead	6010B	<b>7.4</b>	6.3
Mercury	7471A	<b>ND</b>	0.31
Selenium	6010B	<b>ND</b>	13
Silver	6010B	<b>ND</b>	0.63

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-23

Client ID: **809B249**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	13
Barium	6010B	<b>140</b>	3.2
Cadmium	6010B	<b>ND</b>	0.63
Chromium	6010B	<b>17</b>	0.63
Lead	6010B	<b>7.8</b>	6.3
Mercury	7471A	<b>ND</b>	0.32
Selenium	6010B	<b>ND</b>	13
Silver	6010B	<b>ND</b>	0.63

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-24

Client ID: **809B250**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>130</b>	3.1
Cadmium	6010B	<b>ND</b>	0.62
Chromium	6010B	<b>17</b>	0.62
Lead	6010B	<b>8.3</b>	6.2
Mercury	7471A	<b>ND</b>	0.31
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.62

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-25

Client ID: **809B251**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>140</b>	3.0
Cadmium	6010B	<b>ND</b>	0.61
Chromium	6010B	<b>17</b>	0.61
Lead	6010B	<b>9.5</b>	6.1
Mercury	7471A	<b>ND</b>	0.30
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.61

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-26

Client ID: **809B252**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	12
Barium	6010B	<b>200</b>	2.9
Cadmium	6010B	<b>0.62</b>	0.59
Chromium	6010B	<b>19</b>	0.59
Lead	6010B	<b>37</b>	5.9
Mercury	7471A	<b>ND</b>	0.29
Selenium	6010B	<b>ND</b>	12
Silver	6010B	<b>ND</b>	0.59

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-27

Client ID: **809B253**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>120</b>	2.7
Cadmium	6010B	<b>ND</b>	0.54
Chromium	6010B	<b>20</b>	0.54
Lead	6010B	<b>11</b>	5.4
Mercury	7471A	<b>ND</b>	0.27
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.54

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-28

Client ID: **809B254**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>120</b>	2.8
Cadmium	6010B	<b>ND</b>	0.56
Chromium	6010B	<b>18</b>	0.56
Lead	6010B	<b>9.8</b>	5.6
Mercury	7471A	<b>ND</b>	0.28
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.56

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-29

Client ID: **809B255**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>120</b>	2.8
Cadmium	6010B	<b>ND</b>	0.56
Chromium	6010B	<b>61</b>	0.56
Lead	6010B	<b>11</b>	5.6
Mercury	7471A	<b>ND</b>	0.28
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.56



Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-30

Client ID: **809B256**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>120</b>	2.8
Cadmium	6010B	<b>ND</b>	0.56
Chromium	6010B	<b>18</b>	0.56
Lead	6010B	<b>7.0</b>	5.6
Mercury	7471A	<b>ND</b>	0.28
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.56

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-31

Client ID: **809B257**

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	11
Barium	6010B	<b>120</b>	2.7
Cadmium	6010B	<b>ND</b>	0.53
Chromium	6010B	<b>16</b>	0.53
Lead	6010B	<b>7.2</b>	5.3
Mercury	7471A	<b>ND</b>	0.27
Selenium	6010B	<b>ND</b>	11
Silver	6010B	<b>ND</b>	0.53

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 8-14-09  
Date Analyzed: 8-14-09  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: MB0814S4&MB0814S5

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	10
Barium	6010B	<b>ND</b>	2.5
Cadmium	6010B	<b>ND</b>	0.50
Chromium	6010B	<b>ND</b>	0.50
Lead	6010B	<b>ND</b>	5.0
Mercury	7471A	<b>ND</b>	0.25
Selenium	6010B	<b>ND</b>	10
Silver	6010B	<b>ND</b>	0.50

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 8-14-09  
Date Analyzed: 8-14-09  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: MB0814S6&MB0814S7

Analyte	Method	Result	PQL
Arsenic	6010B	<b>ND</b>	10
Barium	6010B	<b>ND</b>	2.5
Cadmium	6010B	<b>ND</b>	0.50
Chromium	6010B	<b>ND</b>	0.50
Lead	6010B	<b>ND</b>	5.0
Mercury	7471A	<b>ND</b>	0.25
Selenium	6010B	<b>ND</b>	10
Silver	6010B	<b>ND</b>	0.50

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Laboratory Reference: 0908-069  
Project: 809

**TOTAL METALS  
EPA 6010B/7471A  
DUPLICATE QUALITY CONTROL**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	<b>ND</b>	<b>ND</b>	NA	10	
Barium	<b>127</b>	<b>122</b>	4	2.5	
Cadmium	<b>ND</b>	<b>ND</b>	NA	0.50	
Chromium	<b>16.5</b>	<b>15.9</b>	4	0.50	
Lead	<b>8.33</b>	<b>7.54</b>	10	5.0	
Mercury	<b>ND</b>	<b>ND</b>	NA	0.25	
Selenium	<b>ND</b>	<b>ND</b>	NA	10	
Silver	<b>ND</b>	<b>ND</b>	NA	0.50	

Date of Report: August 18, 2009  
 Samples Submitted: August 11, 2009  
 Laboratory Reference: 0908-069  
 Project: 809

**TOTAL METALS  
 EPA 6010B/7471A  
 DUPLICATE QUALITY CONTROL**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-21

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	<b>ND</b>	<b>ND</b>	NA	10	
Barium	<b>130</b>	<b>126</b>	3	2.5	
Cadmium	<b>ND</b>	<b>ND</b>	NA	0.50	
Chromium	<b>14.3</b>	<b>14.1</b>	2	0.50	
Lead	<b>7.77</b>	<b>5.73</b>	30	5.0	C
Mercury	<b>ND</b>	<b>ND</b>	NA	0.25	
Selenium	<b>ND</b>	<b>ND</b>	NA	10	
Silver	<b>ND</b>	<b>ND</b>	NA	0.50	

Date of Report: August 18, 2009  
 Samples Submitted: August 11, 2009  
 Laboratory Reference: 0908-069  
 Project: 809

**TOTAL METALS  
 EPA 6010B/7471A  
 MS/MSD QUALITY CONTROL**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	<b>97.9</b>	98	<b>98.2</b>	98	0	
Barium	100	<b>215</b>	89	<b>217</b>	90	1	
Cadmium	50	<b>48.7</b>	97	<b>48.0</b>	96	1	
Chromium	100	<b>110</b>	93	<b>110</b>	93	0	
Lead	250	<b>234</b>	90	<b>230</b>	89	2	
Mercury	0.50	<b>0.551</b>	110	<b>0.518</b>	104	6	
Selenium	100	<b>94.2</b>	94	<b>92.5</b>	93	2	
Silver	25	<b>23.5</b>	94	<b>22.9</b>	92	3	

Date of Report: August 18, 2009  
 Samples Submitted: August 11, 2009  
 Laboratory Reference: 0908-069  
 Project: 809

**TOTAL METALS  
 EPA 6010B/7471A  
 MS/MSD QUALITY CONTROL**

Date Extracted: 8-14-09

Date Analyzed: 8-14-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-069-21

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	<b>95.6</b>	96	<b>93.2</b>	93	3	
Barium	100	<b>227</b>	97	<b>224</b>	94	1	
Cadmium	50	<b>47.3</b>	95	<b>47.5</b>	95	0	
Chromium	100	<b>105</b>	91	<b>105</b>	91	0	
Lead	250	<b>222</b>	86	<b>221</b>	85	0	
Mercury	0.50	<b>0.518</b>	104	<b>0.512</b>	102	1	
Selenium	100	<b>91.9</b>	92	<b>88.8</b>	89	4	
Silver	25	<b>23.1</b>	93	<b>22.9</b>	92	1	



Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Lab Traveler: 0908-069  
Project: 809

**% MOISTURE**

Date Analyzed: 8-12&13-09

Client ID	Lab ID	% Moisture
809B227	08-069-01	4
809B228	08-069-02	8
809B229	08-069-03	9
809B230	08-069-04	8
809B231	08-069-05	7
809B232	08-069-06	13
809B233	08-069-07	16
809B234	08-069-08	18
809B235	08-069-09	19
809B236	08-069-10	12
809B237	08-069-11	13
809B238	08-069-12	12
809B239	08-069-13	15
809B240	08-069-14	8
809B241	08-069-15	7
809B242	08-069-16	16
809B243	08-069-17	14
809B244	08-069-18	10
809B245	08-069-19	12
809B246	08-069-20	16
809B247	08-069-21	14
809B248	08-069-22	20
809B249	08-069-23	21
809B250	08-069-24	19
809B251	08-069-25	18
809B252	08-069-26	15
809B253	08-069-27	7

Date of Report: August 18, 2009  
Samples Submitted: August 11, 2009  
Lab Traveler: 0908-069  
Project: 809

### **% MOISTURE**

Date Analyzed: 8-13-09

Client ID	Lab ID	% Moisture
809B254	08-069-28	10
809B255	08-069-29	10
809B256	08-069-30	11
809B257	08-069-31	6



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



**OnSite  
Environmental Inc.**

Phone: (425) 883-3881 • Fax: (425) 885-4603

# Chain of Custody

Page 1 of 4

Company:	Riverside Associates
Project Number:	809
Project Name:	Double H Site B2
Project Manager:	Ron Hicks
Sampled by:	CES1

Turnaround Request (in working days)	(Check One)
<input type="checkbox"/> Same Day	<input type="checkbox"/> 1 Day
<input type="checkbox"/> 2 Day	<input checked="" type="checkbox"/> 3 Day
<input type="checkbox"/> Standard (7 working days) (TPH analysis 5 working days)	
<input type="checkbox"/> (other)	

Laboratory Number:	08-069
Requested Analysis	
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Dx	
Volatiles by 8260B	
Halogenated Volatiles by 8260B	
Semivolatiles by 8270D	
PAHs by 8270D / SIM	
PCBs by 8082	
Pesticides by 8081A	
Herbicides by 8151A	
Total RCRA Metals (8)	
TCLP Metals	
HEM by 1664	
% Moisture	

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTR	NWTR	NWTR	Volatiles	Halogenated	Semivolatiles	PAHs	PCBs	Pesticides	Herbicides	Total PCBs	TCLP	HEM	% Moisture
1	809B 227	8/6/09	1236	S	1			X								X			X
2	809B 228	8/6/09	1238	S	1			X								X			X
3	809B 229	8/6/09	1240	S	1			X								X			X
4	809B 230	8/6/09	1242	S	1			X								X			X
5	809B 231	8/6/09	1244	S	1			X								X			X
6	809B 232	8/6/09	1246	S	1			X								X			X
7	809B 233	8/6/09	1248	S	1			X								X			X
8	809B 234	8/6/09	1250	S	1			X								X			X
9	809B 235	8/6/09	1252	S	1			X								X			X
10	809B 236	8/6/09	1254	S	1			X								X			X

Relinquished by	Signature: <i>[Signature]</i>	Company: CES1	Date: 8/6/09	Time: 1200	Comments/Special Instructions: Please send copy of lab results to: cesia@pocketnet.com
Received by					
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date					Chromatograms with final report <input type="checkbox"/>



Phone: (425) 883-3881 • Fax: (425) 885-4603

Company:

Riverside Associates

Project Number:

809

**Project Name:**

Double H Site B2

Project Manager:

Ron Hicks

Sampled by:

CESI

(other)

(Check One)

Day

☐ 1 Day☐ 2 Day☒ 3 Day

☐ Standard (7 working days)  
(TPH analysis 5 working days)

Date Sampled	Time Sampled	Matrix	# of Cont
--------------	--------------	--------	-----------

NWTPH-HCID

NWTPH-Gx/BTEX

NWTPH-Dx

Volatiles by 8260B

Halogenated Volatiles by 8260B

Semivolatiles by 8270D

PAHs by 8270D / SIM

PCBs by 8082

Pesticides by 8081A

Herbicides by 8151A

Total RCRA Metals (8)	
-----------------------	--

TCLP Metals
-------------

HEM by 1664

% Moisture	
------------	--

# Chain of Custody

Page 2 of 4

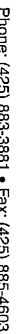
**Turnaround Request  
(in working days)**

Laboratory Number:

Requested Analysis

690-80

Company: <b>Riverside Associates</b>		<input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day		Requested Analysis															
Project Number: <b>809</b>		<input type="checkbox"/> 2 Day <input checked="" type="checkbox"/> 3 Day																	
Project Name: <b>Double H Site B2</b>		<input type="checkbox"/> Standard (7 working days) (TPH analysis 5 working days)																	
Project Manager: <b>Ron Hicks</b>																			
Sampled by: <b>CE51</b>		(other)																	
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.														
11	809B237	8/16/09	1256	S	1	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
12	809B238	8/16/09	1258	S	1	X	X	X								X			
13	809B239	8/16/09	1300	S	1	X	X	X								X			
14	809B240	8/16/09	1302	S	1	X	X	X								X			
15	809B241	8/16/09	1304	S	1	X	X	X								X			
16	809B242	8/16/09	1306	S	1	X	X	X								X			
17	809B243	8/16/09	1308	S	1	X	X	X								X			
18	809B244	8/16/09	1310	S	1	X	X	X								X			
19	809B245	8/16/09	1312	S	1	X	X	X								X			
20	809B246	8/16/09	1314	S	1	X	X	X								X			
Signature: <i>[Signature]</i>		Company: <b>CE51</b>		Date: <b>8/16/09</b>		Time: <b>1200</b>		Comments/Special Instructions: <b>Please send copy of lab results to: cesias@rocketnet.com</b>											
Relinquished by																			
Received by																			
Relinquished by																			
Received by																			
Relinquished by																			
Received by																			
Reviewed by/Date		Chromatograms with final report <input type="checkbox"/>																	



5

Company: <b>Riverside Associates</b>		<input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day		Requested Analysis															
Project Number: <b>809</b>		<input type="checkbox"/> 2 Day <input checked="" type="checkbox"/> 3 Day																	
Project Name: <b>Double H site B2</b>		<input type="checkbox"/> Standard (7 working days) <input type="checkbox"/> (TFH analysis 5 working days)																	
Project Manager: <b>Ron Hicks</b>																			
Sampled by: <b>CESI</b>		(other)																	
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
21	809B247	8/6/09	1316	S	1			X									X		
22	809B248	8/6/09	1318	S	1			X									X		
23	809B249	8/6/09	1320	S	1			X									X		
24	809B250	8/6/09	1322	S	1			X									X		
25	809B251	8/6/09	1324	S	1			X									X		
26	809B252	8/6/09	1326	S	1			X									X		
27	809B253	8/6/09	1328	S	1			X									X		
28	809B254	8/6/09	1330	S	1			X									X		
28	809B255	8/6/09	1332	S	1			X									X		
29	809B256	8/6/09	1334	S	1			X									X		
Relinquished by		Signature	Company	Date	Time	Comments/Special Instructions													
Received by		<i>Mark Dwyer</i>	CESI	8/10/09	1200	Please send copy of lab results to: cesil@rockwell.com													
Relinquished by		<i>[Signature]</i>	CESE	8/11/09	1000														
Received by																			
Relinquished by																			
Received by																			
Relinquished by																			
Reviewed by/Date					Reviewed by/Date	Chromatograms with final report <input type="checkbox"/>													



# Chain of Custody

Question	Answer
1. What is the main purpose of the study?	To investigate the effect of the new curriculum on the learning outcomes of the students.
2. What are the research objectives?	To compare the learning outcomes of the students who were taught using the new curriculum with those who were taught using the old curriculum.
3. What is the research hypothesis?	The students who were taught using the new curriculum will have higher learning outcomes than those who were taught using the old curriculum.
4. What is the significance of the study?	The study is significant because it will provide information about the effectiveness of the new curriculum and help to make decisions about whether to implement it on a larger scale.
5. What are the limitations of the study?	The study is limited by the fact that it only looked at one subject and one grade level. It also only looked at learning outcomes and did not look at other factors such as student motivation or teacher satisfaction.
6. What are the conclusions of the study?	The study concluded that the new curriculum had a positive effect on the learning outcomes of the students.
7. What are the recommendations of the study?	The study recommended that the new curriculum be implemented on a larger scale and that further research be conducted to investigate its effectiveness in other subjects and grade levels.

690-80

[illegible]