

# VEOLIA ENVIRONMENTAL SERVICES

346383  
26.62

**Star Ridge Landfill**  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 393

### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100389	Est 25	Tons	Tri-axle Dump Truck
183		26.62		

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name WAYLON E. BROOKS  
Truck Number WBO-2  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Waylon Brooks 9-14-10  
Driver Signature Shipment Date

Waylon Brooks 9-14-10  
Driver Signature Delivery Date

### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Brandon Lance  
Name of Authorized Agent (Print)

Brandon Lance 9-14-10  
Signature Receipt Date

346-382  
25.09

# VEOLIA

## ENVIRONMENTAL SERVICES

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

### NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 394

#### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100 389	Est 25	Tons	Tri-axle Dump Truck
183		25.09		

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

#### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Michael Ostberg  
Truck Number 781  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Michael Ostberg 9-14-10  
Driver Signature Shipment Date

Michael Ostberg 9-14-10  
Driver Signature Delivery Date

#### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Brandon Lance  
Name of Authorized Agent (Print)

Brandon Lance 9-14-10  
Signature Receipt Date

Original: Landfill

Yellow: Generator

Pink: Transporter

Goldenrod: Generator

# VEOLIA ENVIRONMENTAL SERVICES

346383  
24.92

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 395

### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100 389	Est 25	Tons	Tri-axle Dump Truck
183		24.92		

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Harold L. Chapman  
Truck Number 170  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Harold L. Chapman 9-14-10  
Driver Signature Shipment Date

Harold L. Chapman 9-14-10  
Driver Signature Delivery Date

### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Brandon Lance  
Name of Authorized Agent (Print)

Brandon Lance 9-14-10  
Signature Receipt Date

# VEOLIA ENVIRONMENTAL SERVICES

3463897  
24.51

**Star Ridge Landfill**  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 396

### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100389	Est 25	Tons	Tri-axle Dump Truck
183		24.51		

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Willie Goldsmith  
Truck Number 105  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Willie Goldsmith 9/14/10  
Driver Signature Shipment Date

Willie Goldsmith 9/14/10  
Driver Signature Delivery Date

### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Brandon Lance  
Name of Authorized Agent (Print)

Brandon Lance 9-14-10  
Signature Receipt Date

# VEOLIA ENVIRONMENTAL SERVICES

346-388  
25.49

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 397

### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100389	Est 25	Tons	Tri-axle Dump Truck
183		25.49		

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Sean Guffey  
Truck Number 121  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Sean Guffey 9-14-10  
Driver Signature Shipment Date

Sean Guffey 9-14-10  
Driver Signature Delivery Date

### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Brandon Lance  
Name of Authorized Agent (Print)

Brandon Lance 9-14-10  
Signature Receipt Date



346398  
24.00

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

**NON-HAZARDOUS SPECIAL WASTE MANIFEST**

No. 398

**GENERATOR**

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848-35848  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35848  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck
		2400		

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

**TRANSPORTER**

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Chris Hancock  
Truck Number 197  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

[Signature] 9-14-10  
Driver Signature Shipment Date

[Signature] 9-14-10  
Driver Signature Delivery Date

**DESTINATION**

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Brandon Lance  
Name of Authorized Agent (Print)

Brandon Lance 9-14-10  
Signature Receipt Date

# VEOLIA ENVIRONMENTAL SERVICES

346386  
25.898

**Star Ridge Landfill**  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 399

### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100 389	Est 25	Tons	Tri-axle Dump Truck
183		25.83		

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Chris Boyd  
Truck Number 103  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Chris Boyd 9-14-10  
Driver Signature Shipment Date

Chris Boyd 9-14-10  
Driver Signature Delivery Date

### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Brandon Lance  
Name of Authorized Agent (Print)

Brandon Lance 9-14-10  
Signature Receipt Date

# VEOLIA ENVIRONMENTAL SERVICES

346400  
24886

**Star Ridge Landfill**  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 400

### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100389	Est 25	Tons	Tri-axle Dump Truck
183		24.56		

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

*Robert Gorman* 9.14.10  
Signature Delivery Date

### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Stephen M. Wood  
Truck Number 1278  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

*Stephen M. Wood* 09/14/10  
Driver Signature Shipment Date

*Stephen M. Wood* 09/14/10  
Driver Signature Delivery Date

### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

*Brandon Lance*  
Name of Authorized Agent (Print)

*Brandon Lance* 9-14-10  
Signature Receipt Date

Original: Landfill

Yellow: Generator

Pink: Transporter

Goldenrod: Generator





Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

2 346436  
2579

NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 401

GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Carolyn Corbett  
Truck Number 1127 182  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Carolyn Corbett 9-14-10  
Driver Signature Shipment Date

Carolyn Corbett 9-14-10  
Driver Signature Delivery Date

DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Amber Williams  
Name of Authorized Agent (Print)

Amber Williams 9/14/10  
Signature Receipt Date

Original: Landfill

Yellow: Generator

Pink: Transporter

Goldenrod: Generator



316439 4/12  
23.05

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

**NON-HAZARDOUS SPECIAL WASTE MANIFEST**

No. 402

**GENERATOR**

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

**TRANSPORTER**

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Wayne Gottlieb Sr  
Truck Number 1008  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Wayne Gottlieb 09-14-10  
Driver Signature Shipment Date

Wayne Gottlieb 09-14-10  
Driver Signature Delivery Date

**DESTINATION**

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Amber Williams  
Name of Authorized Agent (Print)

Amber Williams 9/14/10  
Signature Receipt Date



32164407  
2010

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 403

GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Dennis Gattis  
Truck Number 1017  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Dennis Gattis 9-14-10  
Driver Signature Shipment Date

Dennis Gattis 9-14-10  
Driver Signature Delivery Date

DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Amber Williams  
Name of Authorized Agent (Print)

Amber Williams 9/14/10  
Signature Receipt Date



346445 404  
21.13

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 404

GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

*Robert Gorman* 9.14.10  
Signature Delivery Date

TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Kevin Smith  
Truck Number P8M142  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

*Kevin Smith* 9-14-10  
Driver Signature Shipment Date

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

*Kevin Smith* 9-14-10  
Driver Signature Delivery Date

DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

*Amber Williams*  
Name of Authorized Agent (Print)

*Amber Williams* 9/14/10  
Signature Receipt Date

Original: Landfill

Yellow: Generator

Pink: Transporter

Goldenrod: Generator



346446  
23.86 405

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

### NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 405

#### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

#### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Michael Gault  
Truck Number PTM 234  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Michael Gault 9-14-10  
Driver Signature Shipment Date

Michael Gault 9-14-10  
Driver Signature Delivery Date

#### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Amber Williams  
Name of Authorized Agent (Print)

Amber Williams 9/14/10  
Signature Receipt Date



Star Ridge Landfill  
 3301 Acmar Road  
 Moody, AL 35004  
 205-640-1799  
 Fax 205-640-3719

Solid Waste  
 North America

406  
 346458  
 26.40

**NON-HAZARDOUS SPECIAL WASTE MANIFEST**

No. 406

**GENERATOR**

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
 Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
 Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
 Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
 Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
 Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
 Signature Delivery Date

**TRANSPORTER**

Transporter Name Miller Transportation  
 Address Oxford, Alabama

Driver Name PAUL YATES  
 Truck Number 14  
 Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

Paul Yates 9-14-10  
 Driver Signature Shipment Date

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Paul Yates 9-14-10  
 Driver Signature Delivery Date

**DESTINATION**

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
 Address 3301 Acmar Road, Moody, AL 35004  
 Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Imber Williams  
 Name of Authorized Agent (Print)

Imber Williams 9/14/10  
 Signature Receipt Date

346460  
26.14/27



# VEOLIA

## ENVIRONMENTAL SERVICES

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

### NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 407

#### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

#### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name WAYNE E. BROOKS  
Truck Number WBO-3  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Wayne E. Brooks 9-14-10  
Driver Signature Shipment Date

Wayne E. Brooks 9-14-10  
Driver Signature Delivery Date

#### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Amber Williams  
Name of Authorized Agent (Print)

Amber Williams 9/14/10  
Signature Receipt Date



346461 408  
2367

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 408

GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 35848  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 35848  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA 183	100389	Est 25	Tons	Tri-axle Dump Truck

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.14.10  
Signature Delivery Date

TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Sean Guffey  
Truck Number M21  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

[Signature] 9-14-10  
Driver Signature Shipment Date

[Signature] 9-14-10  
Driver Signature Delivery Date

DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

Amber Williams  
Name of Authorized Agent (Print)

Amber Williams 9/14/10  
Signature Receipt Date

Original: Landfill

Yellow: Generator

Pink: Transporter

Goldenrod: Generator



# VEOLIA ENVIRONMENTAL SERVICES

409

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 409

### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848 33898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848 33898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100389	Est 25	Tons	Tri-axle Dump Truck
183				

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.15.10  
Signature Delivery Date

### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Wayne Gottier Jr  
Truck Number 1008  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Wayne Gottier Jr 09-15-10  
Driver Signature Shipment Date

Wayne Gottier Jr 09-15-10  
Driver Signature Delivery Date

### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

S.J. Humphries  
Name of Authorized Agent (Print)

S.J. Humphries 9-15-10  
Signature Receipt Date

Original: Landfill

Yellow: Generator

Pink: Transporter

Goldenrod: Generator

# VEOLIA ENVIRONMENTAL SERVICES

4/10

Star Ridge Landfill  
3301 Acmar Road  
Moody, AL 35004  
205-640-1799  
Fax 205-640-3719

Solid Waste  
North America

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

No. 410

### GENERATOR

Generator IMSE-RED-PWE Redstone Arsenal RSA-183  
Address 4488 Martin Road  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Site Location Redstone Arsenal RSA-183  
Address Toftoy Thruway and Digney Road Intersection  
Redstone Arsenal, AL 35848-35898  
Phone 256-876-3814 Robert Gorman

Description of Waste Material	Profile Number	Total Quantity	Unit of Measure	Container Type
Non-hazardous Soils from RSA	100389	Est 25	Tons	Tri-axle Dump Truck
183				

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 and is not infectious or is not regulated pursuant to applicable federal and state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Robert Gorman  
Generator Authorized Agent Name (Print)

Robert Gorman 9.15.10  
Signature Delivery Date

### TRANSPORTER

Transporter Name Miller Transportation  
Address Oxford, Alabama

Driver Name Donna's Cottler  
Truck Number 1007  
Truck Type Triaxle Dump Truck

I hereby acknowledge receipt of the above-described materials for transport from the generator's site listed above.

I hereby acknowledge that the above-described materials were received from the generator's site and were transported without incident to the destination listed below.

Donna Cottler 9-15-10  
Driver Signature Shipment Date

Donna Cottler 9-15-10  
Driver Signature Delivery Date

### DESTINATION

Site Name Veolia ES Star Ridge Landfill Permit 58-05  
Address 3301 Acmar Road, Moody, AL 35004  
Disposal Location 3301 Acmar Road, Moody, AL 35004

Phone Number 205-640-9430

I hereby acknowledge receipt of the above-described materials.

S J Humphries  
Name of Authorized Agent (Print)

[Signature] 9.15.10  
Signature Receipt Date

Original: Landfill

Yellow: Generator

Pink: Transporter

Goldenrod: Generator

**ANALYSIS DATA SHEET****PEF9002**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_001Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal 2010Matrix: SoilLaboratory ID: 1006080-20Sampled: 06/07/10 09:50Received: 06/10/10 09:30% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F17001	06/17/10 11:29
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F16722	06/17/10 13:34
7440-39-3	Barium TCLP	1.61	0.0500	0.400	1		SW6010C	0F16722	06/17/10 13:34
7440-43-9	Cadmium TCLP	0.0174	0.0100	0.0500	1	J	SW6010C	0F16722	06/17/10 13:34
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F16722	06/17/10 13:34
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F16722	06/17/10 13:34
7782-49-2	Selenium TCLP	0.0562	0.0300	0.0600	1	J	SW6010C	0F16722	06/17/10 13:34
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F16722	06/17/10 13:34

**ANALYSIS DATA SHEET****PEF9003**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_001Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal 2010Matrix: SoilLaboratory ID: 1006080-21Sampled: 06/04/10 11:50Received: 06/10/10 09:30% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F17001	06/17/10 11:31
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F16722	06/17/10 13:45
7440-39-3	Barium TCLP	1.50	0.0500	0.400	1		SW6010C	0F16722	06/17/10 13:45
7440-43-9	Cadmium TCLP	0.0162	0.0100	0.0500	1	J	SW6010C	0F16722	06/17/10 13:45
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F16722	06/17/10 13:45
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F16722	06/17/10 13:45
7782-49-2	Selenium TCLP	0.0435	0.0300	0.0600	1	J	SW6010C	0F16722	06/17/10 13:45
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F16722	06/17/10 13:45

**ANALYSIS DATA SHEET****PEF9004**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_001Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal 2010Matrix: SoilLaboratory ID: 1006080-22Sampled: 06/03/10 14:45Received: 06/10/10 09:30% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F17001	06/17/10 11:32
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F16722	06/17/10 13:51
7440-39-3	Barium TCLP	1.30	0.0500	0.400	1		SW6010C	0F16722	06/17/10 13:51
7440-43-9	Cadmium TCLP	0.0132	0.0100	0.0500	1	J	SW6010C	0F16722	06/17/10 13:51
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F16722	06/17/10 13:51
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F16722	06/17/10 13:51
7782-49-2	Selenium TCLP	0.0377	0.0300	0.0600	1	J	SW6010C	0F16722	06/17/10 13:51
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F16722	06/17/10 13:51

# ANALYSIS DATA SHEET

**PEF9005**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-23

Sampled: 06/03/10 13:10

Received: 06/10/10 09:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F17001	06/17/10 11:33
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F16722	06/17/10 13:56
7440-39-3	Barium TCLP	1.36	0.0500	0.400	1		SW6010C	0F16722	06/17/10 13:56
7440-43-9	Cadmium TCLP	0.0158	0.0100	0.0500	1	J	SW6010C	0F16722	06/17/10 13:56
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F16722	06/17/10 13:56
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F16722	06/17/10 13:56
7782-49-2	Selenium TCLP	0.0465	0.0300	0.0600	1	J	SW6010C	0F16722	06/17/10 13:56
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F16722	06/17/10 13:56

**ANALYSIS DATA SHEET****PEF9006**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_001Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal 2010Matrix: SoilLaboratory ID: 1006080-24Sampled: 06/03/10 16:10Received: 06/10/10 09:30% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F17001	06/17/10 11:34
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F16722	06/17/10 14:01
7440-39-3	Barium TCLP	1.38	0.0500	0.400	1		SW6010C	0F16722	06/17/10 14:01
7440-43-9	Cadmium TCLP	0.0150	0.0100	0.0500	1	J	SW6010C	0F16722	06/17/10 14:01
7440-47-3	Chromium TCLP	0.0452	0.0200	0.100	1	J	SW6010C	0F16722	06/17/10 14:01
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F16722	06/17/10 14:01
7782-49-2	Selenium TCLP	0.0387	0.0300	0.0600	1	J	SW6010C	0F16722	06/17/10 14:01
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F16722	06/17/10 14:01

# ANALYSIS DATA SHEET

**PEF9007**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-25

Sampled: 06/03/10 10:55

Received: 06/10/10 09:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F17001	06/17/10 11:35
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F16722	06/17/10 14:06
7440-39-3	Barium TCLP	1.23	0.0500	0.400	1		SW6010C	0F16722	06/17/10 14:06
7440-43-9	Cadmium TCLP	0.0157	0.0100	0.0500	1	J	SW6010C	0F16722	06/17/10 14:06
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F16722	06/17/10 14:06
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F16722	06/17/10 14:06
7782-49-2	Selenium TCLP	0.0428	0.0300	0.0600	1	J	SW6010C	0F16722	06/17/10 14:06
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F16722	06/17/10 14:06



**ANALYSIS DATA SHEET****PEF9014**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_003Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SoilLaboratory ID: 1006120-18Sampled: 06/14/10 13:30Received: 06/17/10 09:00% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F22003	06/23/10 11:10
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F22014	06/23/10 02:25
7440-39-3	Barium TCLP	1.36	0.0500	0.400	1		SW6010C	0F22014	06/23/10 02:25
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0F22014	06/23/10 02:25
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F22014	06/23/10 02:25
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F22014	06/23/10 02:25
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F22014	06/23/10 02:25
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F22014	06/23/10 02:25

**ANALYSIS DATA SHEET****PEF9015**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_003Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SoilLaboratory ID: 1006120-19Sampled: 06/14/10 15:05Received: 06/17/10 09:00% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F22003	06/23/10 11:11
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F22014	06/23/10 02:31
7440-39-3	Barium TCLP	2.13	0.0500	0.400	1		SW6010C	0F22014	06/23/10 02:31
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0F22014	06/23/10 02:31
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F22014	06/23/10 02:31
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F22014	06/23/10 02:31
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F22014	06/23/10 02:31
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F22014	06/23/10 02:31

**ANALYSIS DATA SHEET****PEF9016**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_003Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SoilLaboratory ID: 1006120-20Sampled: 06/14/10 10:10Received: 06/17/10 09:00% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F22003	06/23/10 11:12
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F22014	06/23/10 02:36
7440-39-3	Barium TCLP	1.35	0.0500	0.400	1		SW6010C	0F22014	06/23/10 02:36
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0F22014	06/23/10 02:36
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F22014	06/23/10 02:36
7439-92-1	Lead TCLP	0.0264	0.0150	0.0300	1	J	SW6010C	0F22014	06/23/10 02:36
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F22014	06/23/10 02:36
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F22014	06/23/10 02:36

# ANALYSIS DATA SHEET

**PEF9017**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-21

Sampled: 06/14/10 11:15

Received: 06/17/10 09:00

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F22003	06/23/10 11:13
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F22014	06/23/10 02:41
7440-39-3	Barium TCLP	1.57	0.0500	0.400	1		SW6010C	0F22014	06/23/10 02:41
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0F22014	06/23/10 02:41
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F22014	06/23/10 02:41
7439-92-1	Lead TCLP	0.0160	0.0150	0.0300	1	J	SW6010C	0F22014	06/23/10 02:41
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F22014	06/23/10 02:41
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F22014	06/23/10 02:41

**ANALYSIS DATA SHEET****PEF9018**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_003Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SoilLaboratory ID: 1006120-22Sampled: 06/14/10 16:00Received: 06/17/10 09:00% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F22003	06/23/10 11:15
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F22014	06/23/10 02:47
7440-39-3	Barium TCLP	1.40	0.0500	0.400	1		SW6010C	0F22014	06/23/10 02:47
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0F22014	06/23/10 02:47
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F22014	06/23/10 02:47
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F22014	06/23/10 02:47
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F22014	06/23/10 02:47
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F22014	06/23/10 02:47

**ANALYSIS DATA SHEET****PEF9019**Laboratory: Empirical Laboratories, LLCSDG: RSA183\_003Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SoilLaboratory ID: 1006120-23Sampled: 06/15/10 10:40Received: 06/17/10 09:00% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F22003	06/23/10 11:16
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F22014	06/23/10 02:52
7440-39-3	Barium TCLP	1.02	0.0500	0.400	1		SW6010C	0F22014	06/23/10 02:52
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0F22014	06/23/10 02:52
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F22014	06/23/10 02:52
7439-92-1	Lead TCLP	0.0205	0.0150	0.0300	1	J	SW6010C	0F22014	06/23/10 02:52
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F22014	06/23/10 02:52
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F22014	06/23/10 02:52

# ANALYSIS DATA SHEET

**PEF9020**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-24

Sampled: 06/15/10 09:25

Received: 06/17/10 09:00

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP	0.00155	0.000800	0.00200	1	J	SW7470A	0F22003	06/23/10 11:17
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F22014	06/23/10 02:57
7440-39-3	Barium TCLP	0.940	0.0500	0.400	1		SW6010C	0F22014	06/23/10 02:57
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0F22014	06/23/10 02:57
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F22014	06/23/10 02:57
7439-92-1	Lead TCLP	0.0188	0.0150	0.0300	1	J	SW6010C	0F22014	06/23/10 02:57
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F22014	06/23/10 02:57
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F22014	06/23/10 02:57

# ANALYSIS DATA SHEET

**PEF9028**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-43

Sampled: 06/18/10 10:15

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP	0.00136	0.000800	0.00200	1	J	SW7470A	0F30008	07/01/10 11:26
7440-38-2	Arsenic TCLP	0.0463	0.0300	0.100	1	J	SW6010C	0F29006	06/30/10 14:06
7440-39-3	Barium TCLP	0.743	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:06
7440-43-9	Cadmium TCLP	0.0107	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:06
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:06
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:06
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F29006	06/30/10 14:06
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:06



# ANALYSIS DATA SHEET

**PEF9029**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-44

Sampled: 06/18/10 08:45

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP	0.00127	0.000800	0.00200	1	J	SW7470A	0F30008	07/01/10 11:28
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:12
7440-39-3	Barium TCLP	1.50	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:12
7440-43-9	Cadmium TCLP	0.0110	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:12
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:12
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:12
7782-49-2	Selenium TCLP	0.0314	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 14:12
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:12

# ANALYSIS DATA SHEET

**PEF9030**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-45

Sampled: 06/18/10 11:50

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:29
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:17
7440-39-3	Barium TCLP	0.997	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:17
7440-43-9	Cadmium TCLP	0.0128	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:17
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:17
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:17
7782-49-2	Selenium TCLP	0.0342	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 14:17
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:17

# ANALYSIS DATA SHEET

**PEF9031**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-46

Sampled: 06/22/10 09:00

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:30
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:22
7440-39-3	Barium TCLP	2.37	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:22
7440-43-9	Cadmium TCLP	0.0117	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:22
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:22
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:22
7782-49-2	Selenium TCLP	0.0310	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 14:22
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:22

# ANALYSIS DATA SHEET

**PEF9032**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-47

Sampled: 06/22/10 10:30

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:32
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:28
7440-39-3	Barium TCLP	0.888	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:28
7440-43-9	Cadmium TCLP	0.0131	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:28
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:28
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:28
7782-49-2	Selenium TCLP	0.0301	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 14:28
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:28

# ANALYSIS DATA SHEET

**PEF9033**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-48

Sampled: 06/22/10 13:15

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:33
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:33
7440-39-3	Barium TCLP	0.970	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:33
7440-43-9	Cadmium TCLP	0.0119	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:33
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:33
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:33
7782-49-2	Selenium TCLP	0.0372	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 14:33
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:33

# ANALYSIS DATA SHEET

**PEF9034**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-49

Sampled: 06/22/10 15:05

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:34
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:39
7440-39-3	Barium TCLP	1.27	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:39
7440-43-9	Cadmium TCLP	0.0122	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:39
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:39
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:39
7782-49-2	Selenium TCLP	0.0406	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 14:39
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:39

# ANALYSIS DATA SHEET

**PEF9035**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-50

Sampled: 06/23/10 10:40

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:38
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:44
7440-39-3	Barium TCLP	1.54	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:44
7440-43-9	Cadmium TCLP	0.0125	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:44
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:44
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:44
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0F29006	06/30/10 14:44
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:44

# ANALYSIS DATA SHEET

**PEF9036**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-51

Sampled: 06/23/10 11:40

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:39
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:49
7440-39-3	Barium TCLP	1.55	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:49
7440-43-9	Cadmium TCLP	0.0128	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:49
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:49
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:49
7782-49-2	Selenium TCLP	0.0503	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 14:49
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:49



# ANALYSIS DATA SHEET

**PEF9037**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-52

Sampled: 06/23/10 16:10

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:40
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 14:54
7440-39-3	Barium TCLP	1.17	0.0500	0.400	1		SW6010C	0F29006	06/30/10 14:54
7440-43-9	Cadmium TCLP	0.0106	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 14:54
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 14:54
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 14:54
7782-49-2	Selenium TCLP	0.0428	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 14:54
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 14:54

# ANALYSIS DATA SHEET

**PEF9038**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-53

Sampled: 06/23/10 14:40

Received: 06/25/10 12:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0F30008	07/01/10 11:42
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F29006	06/30/10 15:14
7440-39-3	Barium TCLP	1.01	0.0500	0.400	1		SW6010C	0F29006	06/30/10 15:14
7440-43-9	Cadmium TCLP	0.0114	0.0100	0.0500	1	J	SW6010C	0F29006	06/30/10 15:14
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F29006	06/30/10 15:14
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0F29006	06/30/10 15:14
7782-49-2	Selenium TCLP	0.0364	0.0300	0.0600	1	J	SW6010C	0F29006	06/30/10 15:14
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F29006	06/30/10 15:14

# ANALYSIS DATA SHEET

**PEF9039**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007004-07

Sampled: 06/24/10 11:15

Received: 07/01/10 08:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G08001	07/09/10 10:02
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 15:44
7440-39-3	Barium TCLP	2.24	0.100	1.60	1		SW6010C	0G08003	07/08/10 15:44
7440-43-9	Cadmium TCLP	0.0184	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 15:44
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 15:44
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 15:44
7782-49-2	Selenium TCLP	0.0534	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 15:44
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 15:44

**ANALYSIS DATA SHEET**

**PEF9040**

Laboratory: Empirical Laboratories, LLC  
 Client: Shaw E & I (I700)  
 Matrix: Solid  
 Sampled: 07/08/10 10:30  
 % Solids: 0.00

SDG: RSA183\_006  
 Project: PBC at Redstone Arsenal 2010  
 Laboratory ID: 1007066-27  
 Received: 07/10/10 11:00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G14004	07/14/10 14:47
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G14003	07/14/10 20:17
7440-39-3	Barium TCLP	1.67	0.0500	0.400	1		SW6010C	0G14003	07/14/10 20:17
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0G14003	07/14/10 20:17
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G14003	07/15/10 13:32
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G14003	07/14/10 20:17
7782-49-2	Selenium TCLP	0.0314	0.0300	0.0600	1	J	SW6010C	0G14003	07/14/10 20:17
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G14003	07/14/10 20:17

# ANALYSIS DATA SHEET

**PEF9041**

Laboratory: Empirical Laboratories, LLC  
 Client: Shaw E & I (I700)  
 Matrix: Solid  
 Sampled: 07/08/10 11:15  
 % Solids: 0.00

SDG: RSA183\_006  
 Project: PBC at Redstone Arsenal 2010  
 Laboratory ID: 1007066-28  
 Received: 07/10/10 11:00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G14004	07/14/10 14:48
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G14003	07/14/10 20:22
7440-39-3	Barium TCLP	0.786	0.0500	0.400	1		SW6010C	0G14003	07/14/10 20:22
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0G14003	07/14/10 20:22
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G14003	07/15/10 13:38
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G14003	07/14/10 20:22
7782-49-2	Selenium TCLP	0.0394	0.0300	0.0600	1	J	SW6010C	0G14003	07/14/10 20:22
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G14003	07/14/10 20:22

# ANALYSIS DATA SHEET

**PEF9042**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-29

Sampled: 07/07/10 13:15

Received: 07/10/10 11:00

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G14004	07/14/10 14:51
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G14003	07/14/10 20:27
7440-39-3	Barium TCLP	0.420	0.0500	0.400	1		SW6010C	0G14003	07/14/10 20:27
7440-43-9	Cadmium TCLP	0.0117	0.0100	0.0500	1	J	SW6010C	0G14003	07/14/10 20:27
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G14003	07/15/10 13:43
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G14003	07/14/10 20:27
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G14003	07/14/10 20:27
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G14003	07/14/10 20:27

# ANALYSIS DATA SHEET

**PEF9043**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-30

Sampled: 07/07/10 14:30

Received: 07/10/10 11:00

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G14004	07/14/10 14:52
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G14003	07/14/10 20:33
7440-39-3	Barium TCLP	0.730	0.0500	0.400	1		SW6010C	0G14003	07/14/10 20:33
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0G14003	07/14/10 20:33
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G14003	07/15/10 13:48
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G14003	07/14/10 20:33
7782-49-2	Selenium TCLP	0.0325	0.0300	0.0600	1	J	SW6010C	0G14003	07/14/10 20:33
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G14003	07/14/10 20:33

# ANALYSIS DATA SHEET

**PEF9044**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-21

Sampled: 07/14/10 14:55

Received: 07/17/10 10:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G22003	07/22/10 12:54
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 17:56
7440-39-3	Barium TCLP	0.831	0.0500	0.400	1		SW6010C	0G22002	07/22/10 17:56
7440-43-9	Cadmium TCLP	0.0258	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 17:56
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:01
7439-92-1	Lead TCLP	0.0180	0.0150	0.0300	1	J	SW6010C	0G22002	07/22/10 17:56
7782-49-2	Selenium TCLP	0.0458	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 17:56
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 17:56



# ANALYSIS DATA SHEET

**PEF9045**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-22

Sampled: 07/14/10 13:15

Received: 07/17/10 10:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G22003	07/22/10 12:54
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:01
7440-39-3	Barium TCLP	1.82	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:01
7440-43-9	Cadmium TCLP	0.0260	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:01
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:07
7439-92-1	Lead TCLP	0.0207	0.0150	0.0300	1	J	SW6010C	0G22002	07/22/10 18:01
7782-49-2	Selenium TCLP	0.0436	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 18:01
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:01

**ANALYSIS DATA SHEET**

**PEF9046**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-23

Sampled: 07/14/10 11:45

Received: 07/17/10 10:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G22003	07/22/10 12:55
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:07
7440-39-3	Barium TCLP	1.64	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:07
7440-43-9	Cadmium TCLP	0.0232	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:07
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:12
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 18:07
7782-49-2	Selenium TCLP	0.0405	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 18:07
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:07

# ANALYSIS DATA SHEET

**PEF9047**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-24

Sampled: 07/15/10 12:00

Received: 07/17/10 10:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G22003	07/22/10 12:56
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:12
7440-39-3	Barium TCLP	1.59	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:12
7440-43-9	Cadmium TCLP	0.0248	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:12
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:18
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 18:12
7782-49-2	Selenium TCLP	0.0351	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 18:12
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:12

# ANALYSIS DATA SHEET

**PEF9048**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-25

Sampled: 07/15/10 15:40

Received: 07/17/10 10:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP	0.0595	0.000800	0.00200	1		SW7470A	0G22003	07/22/10 12:57
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:17
7440-39-3	Barium TCLP	0.766	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:17
7440-43-9	Cadmium TCLP	0.0225	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:17
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:23
7439-92-1	Lead TCLP	0.0211	0.0150	0.0300	1	J	SW6010C	0G22002	07/22/10 18:17
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G22002	07/22/10 18:17
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:17

# ANALYSIS DATA SHEET

**PEF9049**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-26

Sampled: 07/15/10 14:20

Received: 07/17/10 10:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP	0.00151	0.000800	0.00200	1	J	SW7470A	0G22003	07/22/10 12:58
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:23
7440-39-3	Barium TCLP	1.27	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:23
7440-43-9	Cadmium TCLP	0.0254	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:23
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:28
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 18:23
7782-49-2	Selenium TCLP	0.0376	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 18:23
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:23

# ANALYSIS DATA SHEET

**PEF9050**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-27

Sampled: 07/15/10 10:30

Received: 07/17/10 10:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP	0.00122	0.000800	0.00200	1	J	SW7470A	0G22003	07/22/10 13:00
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:28
7440-39-3	Barium TCLP	2.04	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:28
7440-43-9	Cadmium TCLP	0.0258	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:28
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:34
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 18:28
7782-49-2	Selenium TCLP	0.0485	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 18:28
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:28

# ANALYSIS DATA SHEET

**PEF9051**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-28

Sampled: 07/16/10 08:05

Received: 07/17/10 10:30

% Solids: 0.00

CAS NO.	Analyte	Conc. (mg/L)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7439-97-6	Mercury TCLP		0.000800	0.00200	1	U	SW7470A	0G22003	07/22/10 13:03
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:34
7440-39-3	Barium TCLP	1.47	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:34
7440-43-9	Cadmium TCLP	0.0259	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:34
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:39
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 18:34
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G22002	07/22/10 18:34
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:34

# ANALYSIS DATA SHEET

PEF0001

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-01

Sampled: 06/03/10 11:15

Received: 06/10/10 09:30

% Solids: 84.39

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	95.3	0.652	2.17	1		SW6010C	0F15928	06/16/10 17:39



# ANALYSIS DATA SHEET

PEF0002

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-02

Sampled: 06/03/10 11:00

Received: 06/10/10 09:30

% Solids: 85.02

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	15.8	0.647	2.16	1		SW6010C	0F15928	06/16/10 17:44

# ANALYSIS DATA SHEET

PEF0003

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-03

Sampled: 06/03/10 12:45

Received: 06/10/10 09:30

% Solids: 84.98

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	14.2	0.679	2.26	1		SW6010C	0F15928	06/16/10 17:49

# ANALYSIS DATA SHEET

PEF0004

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-04

Sampled: 06/03/10 12:45

Received: 06/10/10 09:30

% Solids: 85.11

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	12.7	0.698	2.33	1		SW6010C	0F15928	06/16/10 17:54

# ANALYSIS DATA SHEET

PEF0005

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-05

Sampled: 06/03/10 13:10

Received: 06/10/10 09:30

% Solids: 85.52

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	125	0.656	2.19	1		SW6010C	0F15928	06/16/10 18:00

# ANALYSIS DATA SHEET

PEF0006

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-06

Sampled: 06/03/10 14:45

Received: 06/10/10 09:30

% Solids: 87.28

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	22.3	0.642	2.14	1		SW6010C	0F15928	06/16/10 18:05

# ANALYSIS DATA SHEET

PEF0007

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-07

Sampled: 06/03/10 14:45

Received: 06/10/10 09:30

% Solids: 85.68

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	140	0.661	2.20	1		SW6010C	0F15928	06/16/10 18:10

# ANALYSIS DATA SHEET

PEF0008

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-08

Sampled: 06/03/10 16:10

Received: 06/10/10 09:30

% Solids: 86.58

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.37	0.654	2.18	1		SW6010C	0F15928	06/16/10 18:15

# ANALYSIS DATA SHEET

PEF0009

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-09

Sampled: 06/03/10 15:45

Received: 06/10/10 09:30

% Solids: 85.41

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	27.0	0.689	2.30	1		SW6010C	0F15928	06/16/10 18:41



# ANALYSIS DATA SHEET

PEF0010

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-10

Sampled: 06/04/10 12:25

Received: 06/10/10 09:30

% Solids: 81.60

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.55	0.721	2.40	1		SW6010C	0F15928	06/16/10 18:46

# ANALYSIS DATA SHEET

PEF0011

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-11

Sampled: 06/07/10 08:40

Received: 06/10/10 09:30

% Solids: 78.18

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	18.7	0.738	2.46	1		SW6010C	0F15928	06/16/10 19:05

# ANALYSIS DATA SHEET

PEF0012

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-12

Sampled: 06/07/10 10:00

Received: 06/10/10 09:30

% Solids: 84.32

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.20	0.671	2.24	1		SW6010C	0F15928	06/16/10 19:10

# ANALYSIS DATA SHEET

PEF0013

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-13

Sampled: 06/07/10 09:05

Received: 06/10/10 09:30

% Solids: 82.09

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.36	0.690	2.30	1		SW6010C	0F15928	06/16/10 19:15

# ANALYSIS DATA SHEET

PEF0014

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-14

Sampled: 06/04/10 12:05

Received: 06/10/10 09:30

% Solids: 82.56

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.77	0.713	2.38	1		SW6010C	0F15928	06/16/10 19:20

# ANALYSIS DATA SHEET

PEF0015

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-15

Sampled: 06/04/10 12:05

Received: 06/10/10 09:30

% Solids: 83.15

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.65	0.694	2.31	1		SW6010C	0F15928	06/16/10 19:25

# ANALYSIS DATA SHEET

PEF0016

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-16

Sampled: 06/07/10 08:40

Received: 06/10/10 09:30

% Solids: 78.45

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.85	0.743	2.48	1		SW6010C	0F15928	06/16/10 19:30

# ANALYSIS DATA SHEET

PEF0017

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-17

Sampled: 06/02/10 15:55

Received: 06/10/10 09:30

% Solids: 86.77

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	5.94	0.640	2.13	1		SW6010C	0F15928	06/16/10 19:35



# ANALYSIS DATA SHEET

PEF0018

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-18

Sampled: 06/02/10 16:25

Received: 06/10/10 09:30

% Solids: 84.52

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.83	0.683	2.28	1		SW6010C	0F15928	06/16/10 19:40

# ANALYSIS DATA SHEET

PEF0019

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006080-19

Sampled: 06/03/10 08:20

Received: 06/10/10 09:30

% Solids: 84.65

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.21	0.669	2.23	1		SW6010C	0F15928	06/16/10 19:45

# ANALYSIS DATA SHEET

PEF0021

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-01

Sampled: 06/08/10 13:00

Received: 06/12/10 09:00

% Solids: 89.15

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	241	0.623	2.08	1		SW6010B	0F15928	06/16/10 19:50

# ANALYSIS DATA SHEET

PEF0022

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-02

Sampled: 06/10/10 11:20

Received: 06/12/10 09:00

% Solids: 83.78

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	205	0.669	2.23	1		SW6010B	0F15929	06/16/10 20:21

# ANALYSIS DATA SHEET

PEF0023

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-03

Sampled: 06/10/10 11:40

Received: 06/12/10 09:00

% Solids: 84.82

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	54.6	0.694	2.31	1		SW6010B	0F15929	06/16/10 20:27

# ANALYSIS DATA SHEET

PEF0024

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-04

Sampled: 06/10/10 14:00

Received: 06/12/10 09:00

% Solids: 85.96

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	404	0.658	2.19	1		SW6010B	0F15929	06/16/10 20:32

# ANALYSIS DATA SHEET

PEF0025

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-05

Sampled: 06/08/10 11:40

Received: 06/12/10 09:00

% Solids: 86.99

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	65.4	0.711	2.37	1		SW6010B	0F15929	06/16/10 20:37

# ANALYSIS DATA SHEET

PEF0026

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-06

Sampled: 06/08/10 11:40

Received: 06/12/10 09:00

% Solids: 86.72

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	61.2	0.685	2.28	1		SW6010B	0F15929	06/16/10 20:42



# ANALYSIS DATA SHEET

PEF0027

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-07

Sampled: 06/10/10 14:55

Received: 06/12/10 09:00

% Solids: 86.10

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	155	0.704	2.35	1		SW6010B	0F15929	06/16/10 20:47

# ANALYSIS DATA SHEET

PEF0028

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-08

Sampled: 06/10/10 16:05

Received: 06/12/10 09:00

% Solids: 84.35

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	12.8	0.697	2.32	1		SW6010B	0F15929	06/16/10 20:52

# ANALYSIS DATA SHEET

PEF0029

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006102-09

Sampled: 06/10/10 16:35

Received: 06/12/10 09:00

% Solids: 84.62

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	70.1	0.657	2.19	1		SW6010B	0F15929	06/16/10 20:57

# ANALYSIS DATA SHEET

PEF0031

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-02

Sampled: 06/10/10 14:40

Received: 06/17/10 09:00

% Solids: 81.06

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	15.1	0.719	2.40	1		SW6010C	0F21002	06/23/10 00:19

# ANALYSIS DATA SHEET

**PEF0032**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-03

Sampled: 06/10/10 14:50

Received: 06/17/10 09:00

% Solids: 75.41

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	18.0	0.758	2.53	1		SW6010C	0F21002	06/23/10 00:24

# ANALYSIS DATA SHEET

PEF0033

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-04

Sampled: 06/10/10 13:15

Received: 06/17/10 09:00

% Solids: 82.54

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	16.3	0.692	2.31	1		SW6010C	0F21002	06/23/10 00:29

# ANALYSIS DATA SHEET

PEF0034

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-05

Sampled: 06/10/10 13:30

Received: 06/17/10 09:00

% Solids: 84.99

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.64	0.679	2.26	1		SW6010C	0F21002	06/23/10 00:34

# ANALYSIS DATA SHEET

PEF0036

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-07

Sampled: 06/10/10 16:00

Received: 06/17/10 09:00

% Solids: 85.32

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.16	0.689	2.30	1		SW6010C	0F21002	06/23/10 00:44



# ANALYSIS DATA SHEET

PEF0037

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-08

Sampled: 06/10/10 16:00

Received: 06/17/10 09:00

% Solids: 85.41

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.37	0.689	2.30	1		SW6010C	0F21002	06/23/10 01:03

# ANALYSIS DATA SHEET

PEF0038

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-09

Sampled: 06/10/10 15:30

Received: 06/17/10 09:00

% Solids: 82.70

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.9	0.711	2.37	1		SW6010C	0F21002	06/23/10 01:09

# ANALYSIS DATA SHEET

PEF0039

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-10

Sampled: 06/14/10 11:25

Received: 06/17/10 09:00

% Solids: 85.63

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.20	0.715	2.38	1		SW6010C	0F21002	06/23/10 01:14

# ANALYSIS DATA SHEET

PEF0040

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-11

Sampled: 06/14/10 14:30

Received: 06/17/10 09:00

% Solids: 83.51

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.76	0.704	2.35	1		SW6010C	0F21002	06/23/10 01:19

# ANALYSIS DATA SHEET

PEF0041

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-12

Sampled: 06/14/10 13:15

Received: 06/17/10 09:00

% Solids: 84.35

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	21.2	0.697	2.32	1		SW6010C	0F21002	06/23/10 01:24

# ANALYSIS DATA SHEET

PEF0042

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-13

Sampled: 06/14/10 13:50

Received: 06/17/10 09:00

% Solids: 83.52

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.3	0.704	2.35	1		SW6010C	0F21002	06/23/10 01:29

# ANALYSIS DATA SHEET

PEF0043

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-14

Sampled: 06/14/10 15:40

Received: 06/17/10 09:00

% Solids: 86.92

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.53	0.670	2.23	1		SW6010C	0F21002	06/23/10 01:34

# ANALYSIS DATA SHEET

**PEF0044**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-15

Sampled: 06/14/10 15:00

Received: 06/17/10 09:00

% Solids: 86.00

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.93	0.664	2.21	1		SW6010C	0F21002	06/23/10 01:40



# ANALYSIS DATA SHEET

PEF0045

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-16

Sampled: 06/14/10 10:50

Received: 06/17/10 09:00

% Solids: 87.05

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.58	0.669	2.23	1		SW6010C	0F21002	06/23/10 01:45

# ANALYSIS DATA SHEET

**PEF0046**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006120-17

Sampled: 06/14/10 10:20

Received: 06/17/10 09:00

% Solids: 86.62

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	15.1	0.693	2.31	1		SW6010C	0F21002	06/23/10 01:50

# ANALYSIS DATA SHEET

PEF0047

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-01

Sampled: 06/17/10 09:15

Received: 06/19/10 11:00

% Solids: 87.53

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	183	0.672	2.24	1		SW6010C	0F23002	06/24/10 15:17

# ANALYSIS DATA SHEET

PEF0048

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-02

Sampled: 06/17/10 09:15

Received: 06/19/10 11:00

% Solids: 88.15

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	103	0.661	2.20	1		SW6010C	0F23002	06/24/10 15:22

# ANALYSIS DATA SHEET

PEF0049

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-03

Sampled: 06/17/10 09:30

Received: 06/19/10 11:00

% Solids: 86.79

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	143	0.671	2.24	1		SW6010C	0F23002	06/24/10 15:28

# ANALYSIS DATA SHEET

PEF0050

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-04

Sampled: 06/16/10 13:15

Received: 06/19/10 11:00

% Solids: 85.72

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	129	0.693	2.31	1		SW6010C	0F23002	06/24/10 15:33

# ANALYSIS DATA SHEET

PEF0051

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-05

Sampled: 06/16/10 12:50

Received: 06/19/10 11:00

% Solids: 84.75

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	181	0.737	2.46	1		SW6010C	0F23002	06/24/10 15:38

# ANALYSIS DATA SHEET

PEF0052

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-06

Sampled: 06/16/10 11:10

Received: 06/19/10 11:00

% Solids: 84.58

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	42.6	0.695	2.32	1		SW6010C	0F23002	06/24/10 15:43



# ANALYSIS DATA SHEET

PEF0053

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-07

Sampled: 06/16/10 10:55

Received: 06/19/10 11:00

% Solids: 85.31

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	611	0.703	2.34	1		SW6010C	0F23002	06/24/10 16:09

# ANALYSIS DATA SHEET

PEF0054

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-08

Sampled: 06/16/10 16:15

Received: 06/19/10 11:00

% Solids: 87.72

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	497	0.658	2.19	1		SW6010C	0F23002	06/24/10 16:14

# ANALYSIS DATA SHEET

PEF0055

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-09

Sampled: 06/16/10 15:50

Received: 06/19/10 11:00

% Solids: 87.64

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	387	0.665	2.22	1		SW6010C	0F23002	06/24/10 16:33

# ANALYSIS DATA SHEET

PEF0056

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-10

Sampled: 06/17/10 10:40

Received: 06/19/10 11:00

% Solids: 85.86

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	244	0.666	2.22	1		SW6010C	0F23002	06/24/10 16:38

# ANALYSIS DATA SHEET

PEF0057

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-11

Sampled: 06/17/10 10:25

Received: 06/19/10 11:00

% Solids: 87.67

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	243	0.646	2.15	1		SW6010C	0F23002	06/24/10 16:43

# ANALYSIS DATA SHEET

PEF0058

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-12

Sampled: 06/16/10 08:20

Received: 06/19/10 11:00

% Solids: 84.73

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	171	0.681	2.27	1		SW6010C	0F23002	06/24/10 16:48

# ANALYSIS DATA SHEET

PEF0059

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-13

Sampled: 06/16/10 08:20

Received: 06/19/10 11:00

% Solids: 84.47

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	201	0.696	2.32	1		SW6010C	0F23002	06/24/10 16:53

# ANALYSIS DATA SHEET

PEF0060

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-14

Sampled: 06/15/10 09:40

Received: 06/19/10 11:00

% Solids: 84.73

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	37.5	0.662	2.21	1		SW6010C	0F23002	06/24/10 16:58



# ANALYSIS DATA SHEET

PEF0061

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-15

Sampled: 06/16/10 08:55

Received: 06/19/10 11:00

% Solids: 83.77

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	114	0.695	2.32	1		SW6010C	0F23002	06/24/10 17:04

# ANALYSIS DATA SHEET

PEF0062

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-16

Sampled: 06/15/10 10:10

Received: 06/19/10 11:00

% Solids: 82.74

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	44.6	0.725	2.42	1		SW6010C	0F23002	06/24/10 17:09

# ANALYSIS DATA SHEET

PEF0063

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-17

Sampled: 06/15/10 12:30

Received: 06/19/10 11:00

% Solids: 84.77

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	87.4	0.708	2.36	1		SW6010C	0F23002	06/24/10 17:14

# ANALYSIS DATA SHEET

PEF0064

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-18

Sampled: 06/15/10 11:20

Received: 06/19/10 11:00

% Solids: 85.14

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	132	0.691	2.30	1		SW6010C	0F23002	06/24/10 17:19

# ANALYSIS DATA SHEET

PEF0065

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-19

Sampled: 06/14/10 16:30

Received: 06/19/10 11:00

% Solids: 86.76

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.94	0.720	2.40	1		SW6010C	0F23003	06/24/10 17:54

# ANALYSIS DATA SHEET

PEF0066

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-20

Sampled: 06/14/10 15:55

Received: 06/19/10 11:00

% Solids: 86.96

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.62	0.690	2.30	1		SW6010C	0F23003	06/24/10 18:00

# ANALYSIS DATA SHEET

PEF0067

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-21

Sampled: 06/16/10 14:35

Received: 06/19/10 11:00

% Solids: 85.79

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	29.7	0.706	2.35	1		SW6010C	0F23003	06/24/10 18:05

# ANALYSIS DATA SHEET

PEF0068

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-22

Sampled: 06/16/10 09:55

Received: 06/19/10 11:00

% Solids: 84.63

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	26.6	0.675	2.25	1		SW6010C	0F23003	06/24/10 18:10



# ANALYSIS DATA SHEET

PEF0069

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-23

Sampled: 06/16/10 14:20

Received: 06/19/10 11:00

% Solids: 84.92

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	18.6	0.700	2.33	1		SW6010C	0F23003	06/24/10 18:15

# ANALYSIS DATA SHEET

PEF0070

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-24

Sampled: 06/16/10 14:20

Received: 06/19/10 11:00

% Solids: 84.27

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	20.9	0.719	2.40	1		SW6010C	0F23003	06/24/10 18:20

# ANALYSIS DATA SHEET

PEF0071

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-25

Sampled: 06/16/10 13:35

Received: 06/19/10 11:00

% Solids: 84.23

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	30.8	0.742	2.47	1		SW6010C	0F23003	06/24/10 18:25

# ANALYSIS DATA SHEET

PEF0072

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-26

Sampled: 06/16/10 09:40

Received: 06/19/10 11:00

% Solids: 85.38

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	16.1	0.725	2.42	1		SW6010C	0F23003	06/24/10 18:30

# ANALYSIS DATA SHEET

PEF0073

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-27

Sampled: 06/17/10 11:40

Received: 06/19/10 11:00

% Solids: 84.84

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.1	0.722	2.41	1		SW6010C	0F23003	06/24/10 18:36

# ANALYSIS DATA SHEET

PEF0074

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-28

Sampled: 06/17/10 12:05

Received: 06/19/10 11:00

% Solids: 84.73

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.1	0.738	2.46	1		SW6010C	0F23003	06/24/10 18:41

# ANALYSIS DATA SHEET

PEF0075

Laboratory: Empirical Laboratories, LLC

SDG: RSA122\_002

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006149-29

Sampled: 06/17/10 15:30

Received: 06/19/10 11:00

% Solids: 87.53

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.40	0.692	2.31	1		SW6010C	0F23003	06/24/10 19:37

# ANALYSIS DATA SHEET

PEF0076

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-01

Sampled: 06/18/10 10:00

Received: 06/25/10 12:30

% Solids: 86.55

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	125	0.700	2.33	1		SW6010C	0F28010	06/29/10 19:27



# ANALYSIS DATA SHEET

PEF0077

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-02

Sampled: 06/18/10 12:00

Received: 06/25/10 12:30

% Solids: 87.18

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	103	0.637	2.12	1		SW6010C	0F28010	06/29/10 19:32

# ANALYSIS DATA SHEET

PEF0078

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-03

Sampled: 06/18/10 10:20

Received: 06/25/10 12:30

% Solids: 85.85

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.89	0.699	2.33	1		SW6010C	0F28010	06/29/10 19:37

# ANALYSIS DATA SHEET

PEF0079

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-04

Sampled: 06/18/10 12:15

Received: 06/25/10 12:30

% Solids: 85.78

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	44.0	0.666	2.22	1		SW6010C	0F28010	06/29/10 19:43

# ANALYSIS DATA SHEET

PEF0080

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-05

Sampled: 06/18/10 09:00

Received: 06/25/10 12:30

% Solids: 85.89

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.30	0.743	2.48	1		SW6010C	0F28010	06/29/10 19:48

# ANALYSIS DATA SHEET

PEF0081

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-06

Sampled: 06/18/10 09:00

Received: 06/25/10 12:30

% Solids: 86.77

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.07	0.713	2.38	1		SW6010C	0F28010	06/29/10 19:53

# ANALYSIS DATA SHEET

PEF0082

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-07

Sampled: 06/21/10 08:55

Received: 06/25/10 12:30

% Solids: 86.74

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	450	0.728	2.43	1		SW6010C	0F28010	06/29/10 19:58

# ANALYSIS DATA SHEET

PEF0083

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-08

Sampled: 06/22/10 09:50

Received: 06/25/10 12:30

% Solids: 84.22

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	16.6	0.720	2.40	1		SW6010C	0F28010	06/29/10 20:03

# ANALYSIS DATA SHEET

PEF0084

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-09

Sampled: 06/22/10 10:40

Received: 06/25/10 12:30

% Solids: 84.44

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	16.0	0.677	2.26	1		SW6010C	0F28010	06/29/10 20:09



# ANALYSIS DATA SHEET

PEF0085

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-10

Sampled: 06/22/10 13:50

Received: 06/25/10 12:30

% Solids: 85.13

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	44.4	0.678	2.26	1		SW6010C	0F28010	06/29/10 20:14

# ANALYSIS DATA SHEET

PEF0086

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-11

Sampled: 06/22/10 13:30

Received: 06/25/10 12:30

% Solids: 84.26

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	22.3	0.734	2.45	1		SW6010C	0F28010	06/29/10 20:33

# ANALYSIS DATA SHEET

**PEF0087**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-12

Sampled: 06/22/10 09:15

Received: 06/25/10 12:30

% Solids: 84.08

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	14.9	0.667	2.22	1		SW6010C	0F28010	06/29/10 20:38

# ANALYSIS DATA SHEET

PEF0088

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-13

Sampled: 06/22/10 08:50

Received: 06/25/10 12:30

% Solids: 84.98

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.74	0.679	2.26	1		SW6010C	0F28010	06/29/10 20:43

# ANALYSIS DATA SHEET

PEF0089

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-14

Sampled: 06/23/10 10:50

Received: 06/25/10 12:30

% Solids: 83.82

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	95.2	0.709	2.36	1		SW6010C	0F28010	06/29/10 20:49

# ANALYSIS DATA SHEET

**PEF0090**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-15

Sampled: 06/23/10 10:30

Received: 06/25/10 12:30

% Solids: 87.48

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	286	0.659	2.20	1		SW6010C	0F28010	06/29/10 20:54

# ANALYSIS DATA SHEET

PEF0091

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-16

Sampled: 06/23/10 11:15

Received: 06/25/10 12:30

% Solids: 87.56

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	222	0.640	2.13	1		SW6010C	0F28010	06/29/10 20:59

# ANALYSIS DATA SHEET

PEF0092

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-17

Sampled: 06/22/10 15:30

Received: 06/25/10 12:30

% Solids: 86.88

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.5	0.735	2.45	1		SW6010C	0F28010	06/29/10 21:04



# ANALYSIS DATA SHEET

PEF0093

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-18

Sampled: 06/23/10 11:55

Received: 06/25/10 12:30

% Solids: 87.78

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	69.0	0.651	2.17	1		SW6010C	0F28010	06/29/10 21:09

# ANALYSIS DATA SHEET

PEF0094

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-19

Sampled: 06/22/10 15:30

Received: 06/25/10 12:30

% Solids: 88.81

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.9	0.637	2.12	1		SW6010C	0F28010	06/29/10 21:15

# ANALYSIS DATA SHEET

PEF0095

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-20

Sampled: 06/22/10 15:15

Received: 06/25/10 12:30

% Solids: 86.09

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	22.5	0.711	2.37	1		SW6010C	0F28010	06/29/10 21:20

# ANALYSIS DATA SHEET

PEF0096

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-21

Sampled: 06/04/10 10:15

Received: 06/25/10 12:30

% Solids: 82.74

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.60	0.725	2.42	1		SW6010C	0F28011	06/29/10 22:12

# ANALYSIS DATA SHEET

**PEF0097**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-24

Sampled: 06/04/10 09:55

Received: 06/25/10 12:30

% Solids: 82.69

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.94	0.772	2.57	1		SW6010C	0F28011	06/29/10 22:39

# ANALYSIS DATA SHEET

PEF0098

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-25

Sampled: 06/04/10 10:20

Received: 06/25/10 12:30

% Solids: 81.56

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	21.6	0.721	2.40	1		SW6010C	0F28011	06/30/10 15:37

# ANALYSIS DATA SHEET

PEF0099

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-26

Sampled: 06/04/10 09:25

Received: 06/25/10 12:30

% Solids: 82.70

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.0	0.740	2.47	1		SW6010C	0F28011	06/29/10 22:49

# ANALYSIS DATA SHEET

PEF0101

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-28

Sampled: 06/07/10 13:25

Received: 06/25/10 12:30

% Solids: 81.86

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	35.4	0.756	2.52	1		SW6010C	0F28011	06/29/10 23:00



# ANALYSIS DATA SHEET

PEF0102

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-29

Sampled: 06/07/10 12:55

Received: 06/25/10 12:30

% Solids: 82.59

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	21.8	0.727	2.42	1		SW6010C	0F28011	06/29/10 23:05

# ANALYSIS DATA SHEET

PEF0103

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-30

Sampled: 06/07/10 09:30

Received: 06/25/10 12:30

% Solids: 75.62

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	23.1	0.793	2.64	1		SW6010C	0F28011	06/29/10 23:10

# ANALYSIS DATA SHEET

PEF0104

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-31

Sampled: 06/02/10 09:00

Received: 06/25/10 12:30

% Solids: 87.64

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	25.2	0.671	2.24	1		SW6010C	0F28011	06/29/10 23:15

# ANALYSIS DATA SHEET

PEF0105

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-32

Sampled: 06/02/10 09:00

Received: 06/25/10 12:30

% Solids: 86.22

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	25.5	0.696	2.32	1		SW6010C	0F28011	06/29/10 23:20

# ANALYSIS DATA SHEET

PEF0106

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-33

Sampled: 06/02/10 14:15

Received: 06/25/10 12:30

% Solids: 84.91

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.7	0.721	2.40	1		SW6010C	0F28011	06/29/10 23:40

# ANALYSIS DATA SHEET

PEF0107

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-34

Sampled: 06/02/10 12:15

Received: 06/25/10 12:30

% Solids: 83.97

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.9	0.722	2.41	1		SW6010C	0F28011	06/29/10 23:45

# ANALYSIS DATA SHEET

**PEF0109**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-35

Sampled: 06/04/10 10:30

Received: 06/25/10 12:30

% Solids: 84.24

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	28.5	0.727	2.42	1		SW6010C	0F28011	06/29/10 23:50

# ANALYSIS DATA SHEET

**PEF0110**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-36

Sampled: 06/02/10 11:30

Received: 06/25/10 12:30

% Solids: 84.21

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.6	0.679	2.26	1		SW6010C	0F28011	06/29/10 23:55



# ANALYSIS DATA SHEET

PEF0111

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-37

Sampled: 06/02/10 13:40

Received: 06/25/10 12:30

% Solids: 83.82

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	15.0	0.657	2.19	1		SW6010C	0F28011	06/30/10 00:00

# ANALYSIS DATA SHEET

**PEF0112**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-38

Sampled: 06/21/10 11:00

Received: 06/25/10 12:30

% Solids: 84.82

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	24.2	0.707	2.36	1		SW6010C	0F28011	06/30/10 00:06

# ANALYSIS DATA SHEET

PEF0113

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-39

Sampled: 06/22/10 10:50

Received: 06/25/10 12:30

% Solids: 85.64

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	31.7	0.701	2.34	1		SW6010C	0F28011	06/30/10 00:11

# ANALYSIS DATA SHEET

PEF0114

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-40

Sampled: 06/21/10 10:15

Received: 06/25/10 12:30

% Solids: 86.02

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	14.8	0.712	2.37	1		SW6010C	0F28011	06/30/10 00:16

# ANALYSIS DATA SHEET

**PEF0115**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-41

Sampled: 06/21/10 10:30

Received: 06/25/10 12:30

% Solids: 84.17

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	16.0	0.713	2.38	1		SW6010C	0F28011	06/30/10 00:21

# ANALYSIS DATA SHEET

PEF0116

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006187-42

Sampled: 06/21/10 10:30

Received: 06/25/10 12:30

% Solids: 81.84

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	16.0	0.733	2.44	1		SW6010C	0F28011	06/30/10 00:26

# ANALYSIS DATA SHEET

PEF0117

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007004-01

Sampled: 06/23/10 14:00

Received: 07/01/10 08:30

% Solids: 86.44

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	59.9	0.701	2.34	1		SW6010C	0G06004	07/07/10 18:06

# ANALYSIS DATA SHEET

PEF0118

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007004-02

Sampled: 06/23/10 15:45

Received: 07/01/10 08:30

% Solids: 88.00

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	150	0.675	2.25	1		SW6010C	0G06004	07/07/10 18:12



# ANALYSIS DATA SHEET

PEF0119

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007004-03

Sampled: 06/23/10 16:25

Received: 07/01/10 08:30

% Solids: 87.88

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	119	0.626	2.09	1		SW6010C	0G06004	07/07/10 18:17

# ANALYSIS DATA SHEET

PEF0120

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007004-04

Sampled: 06/24/10 13:50

Received: 07/01/10 08:30

% Solids: 85.34

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.20	0.710	2.37	1		SW6010C	0G06004	07/07/10 18:22

# ANALYSIS DATA SHEET

PEF0121

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007004-05

Sampled: 06/24/10 14:05

Received: 07/01/10 08:30

% Solids: 84.65

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.16	0.688	2.29	1		SW6010C	0G06004	07/07/10 18:27

# ANALYSIS DATA SHEET

PEF0122

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007004-06

Sampled: 06/23/10 09:30

Received: 07/01/10 08:30

% Solids: 89.64

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	32.0	0.637	2.12	1		SW6010C	0G06004	07/07/10 18:33

# ANALYSIS DATA SHEET

**PEF0123**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-01

Sampled: 07/08/10 10:20

Received: 07/10/10 11:00

% Solids: 86.52

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.68	0.654	2.18	1	N	SW6010C	0G13002	07/14/10 14:59

# ANALYSIS DATA SHEET

**PEF0124**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-02

Sampled: 07/08/10 11:05

Received: 07/10/10 11:00

% Solids: 86.97

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	15.8	0.639	2.13	1	N	SW6010C	0G13002	07/14/10 15:04

# ANALYSIS DATA SHEET

PEF0125

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-03

Sampled: 07/07/10 10:10

Received: 07/10/10 11:00

% Solids: 86.32

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.94	0.724	2.41	1	N	SW6010C	0G13002	07/14/10 15:09

# ANALYSIS DATA SHEET

PEF0126

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-04

Sampled: 07/07/10 09:50

Received: 07/10/10 11:00

% Solids: 87.19

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	15.0	0.681	2.27	1	N	SW6010C	0G13002	07/14/10 15:14



# ANALYSIS DATA SHEET

PEF0127

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-05

Sampled: 07/07/10 14:00

Received: 07/10/10 11:00

% Solids: 92.36

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	6.65	0.631	2.10	1	N	SW6010C	0G13002	07/14/10 15:20

# ANALYSIS DATA SHEET

**PEF0128**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-06

Sampled: 07/07/10 14:25

Received: 07/10/10 11:00

% Solids: 86.25

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.3	0.656	2.19	1	N	SW6010C	0G13002	07/14/10 15:25

# ANALYSIS DATA SHEET

PEF0129

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-07

Sampled: 07/07/10 13:15

Received: 07/10/10 11:00

% Solids: 95.91

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	4.07	0.602	2.01	1	N	SW6010C	0G13002	07/14/10 15:30

# ANALYSIS DATA SHEET

PEF0130

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-08

Sampled: 07/07/10 10:00

Received: 07/10/10 11:00

% Solids: 85.49

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	18.5	0.656	2.19	1	N	SW6010C	0G13002	07/14/10 15:35

# ANALYSIS DATA SHEET

PEF0132

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-10

Sampled: 07/07/10 10:20

Received: 07/10/10 11:00

% Solids: 89.46

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.32	0.678	2.26	1	N	SW6010C	0G13002	07/14/10 15:46

# ANALYSIS DATA SHEET

PEF0133

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-11

Sampled: 07/07/10 10:40

Received: 07/10/10 11:00

% Solids: 91.20

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	30.0	0.645	2.15	1	N	SW6010C	0G13002	07/14/10 16:09

# ANALYSIS DATA SHEET

PEF0134

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-12

Sampled: 07/07/10 15:45

Received: 07/10/10 11:00

% Solids: 96.59

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.04	0.592	1.97	1	N	SW6010C	0G13002	07/14/10 16:36

# ANALYSIS DATA SHEET

PEF0135

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-13

Sampled: 07/07/10 11:00

Received: 07/10/10 11:00

% Solids: 94.79

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.2	0.597	1.99	1	N	SW6010C	0G13002	07/14/10 16:41



# ANALYSIS DATA SHEET

**PEF0136**

Laboratory: Empirical Laboratories, LLC  
 Client: Shaw E & I (I700)  
 Matrix: Solid  
 Sampled: 07/07/10 12:55  
 % Solids: 93.25

SDG: RSA183\_006  
 Project: PBC at Redstone Arsenal 2010  
 Laboratory ID: 1007066-14  
 Received: 07/10/10 11:00

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	5.24	0.596	1.99	1	N	SW6010C	0G13002	07/14/10 16:47

# ANALYSIS DATA SHEET

PEF0137

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-15

Sampled: 07/07/10 12:40

Received: 07/10/10 11:00

% Solids: 96.04

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	4.66	0.578	1.93	1	N	SW6010C	0G13002	07/14/10 16:52

# ANALYSIS DATA SHEET

**PEF0138**

Laboratory: Empirical Laboratories, LLC  
 Client: Shaw E & I (I700)  
 Matrix: Solid  
 Sampled: 07/07/10 16:30  
 % Solids: 97.30

SDG: RSA183\_006  
 Project: PBC at Redstone Arsenal 2010  
 Laboratory ID: 1007066-16  
 Received: 07/10/10 11:00

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	14.2	0.576	1.92	1	N	SW6010C	0G13002	07/14/10 16:57

# ANALYSIS DATA SHEET

PEF0139

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-17

Sampled: 07/07/10 15:00

Received: 07/10/10 11:00

% Solids: 94.31

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	27.5	0.612	2.04	1	N	SW6010C	0G13002	07/14/10 17:02

# ANALYSIS DATA SHEET

PEF0140

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-18

Sampled: 07/07/10 15:00

Received: 07/10/10 11:00

% Solids: 95.04

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	25.6	0.585	1.95	1	N	SW6010C	0G13002	07/14/10 17:08

# ANALYSIS DATA SHEET

PEF0141

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-19

Sampled: 07/07/10 16:00

Received: 07/10/10 11:00

% Solids: 96.54

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.6	0.581	1.94	1	N	SW6010C	0G13002	07/14/10 17:13

# ANALYSIS DATA SHEET

PEF0142

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-20

Sampled: 07/09/10 09:40

Received: 07/10/10 11:00

% Solids: 89.21

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	22.6	0.641	2.14	1	N	SW6010C	0G13002	07/14/10 17:18

# ANALYSIS DATA SHEET

PEF0143

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-21

Sampled: 07/09/10 09:44

Received: 07/10/10 11:00

% Solids: 85.41

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.29	0.689	2.30	1		SW6010C	0G13003	07/14/10 17:50



# ANALYSIS DATA SHEET

PEF0144

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-22

Sampled: 07/09/10 09:32

Received: 07/10/10 11:00

% Solids: 87.17

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	20.9	0.649	2.16	1		SW6010C	0G13003	07/14/10 17:55

# ANALYSIS DATA SHEET

PEF0145

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-23

Sampled: 07/09/10 09:27

Received: 07/10/10 11:00

% Solids: 85.89

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	27.6	0.665	2.22	1		SW6010C	0G13003	07/14/10 18:00

# ANALYSIS DATA SHEET

PEF0146

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-24

Sampled: 07/09/10 09:20

Received: 07/10/10 11:00

% Solids: 87.51

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	16.5	0.679	2.26	1		SW6010C	0G13003	07/14/10 18:06

# ANALYSIS DATA SHEET

PEF0147

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-25

Sampled: 07/09/10 09:52

Received: 07/10/10 11:00

% Solids: 85.20

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	27.0	0.677	2.26	1		SW6010C	0G13003	07/14/10 18:11

# ANALYSIS DATA SHEET

PEF0148

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007066-26

Sampled: 07/09/10 09:56

Received: 07/10/10 11:00

% Solids: 85.47

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.0	0.716	2.39	1		SW6010C	0G13003	07/14/10 18:16

# ANALYSIS DATA SHEET

PEF0149

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-01

Sampled: 07/14/10 13:00

Received: 07/17/10 10:30

% Solids: 86.68

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.76	0.666	2.22	1		SW6010C	0G20110	07/21/10 18:24

# ANALYSIS DATA SHEET

PEF0150

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-02

Sampled: 07/14/10 13:00

Received: 07/17/10 10:30

% Solids: 86.66

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.98	0.659	2.20	1		SW6010C	0G20110	07/21/10 18:29

# ANALYSIS DATA SHEET

PEF0152

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-03

Sampled: 07/14/10 13:30

Received: 07/17/10 10:30

% Solids: 86.42

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.0	0.687	2.29	1		SW6010C	0G20110	07/21/10 18:34



# ANALYSIS DATA SHEET

**PEF0153**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-04

Sampled: 07/14/10 11:15

Received: 07/17/10 10:30

% Solids: 86.40

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.8	0.661	2.20	1		SW6010C	0G20110	07/21/10 18:40

# ANALYSIS DATA SHEET

PEF0154

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-05

Sampled: 06/10/10 09:55

Received: 07/17/10 10:30

% Solids: 83.66

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	20.5	0.683	2.28	1		SW6010C	0G20110	07/21/10 19:07

# ANALYSIS DATA SHEET

**PEF0155**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-06

Sampled: 06/10/10 09:15

Received: 07/17/10 10:30

% Solids: 79.26

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.97	0.765	2.55	1		SW6010C	0G20110	07/21/10 19:12

# ANALYSIS DATA SHEET

PEF0156

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-07

Sampled: 06/21/10 15:30

Received: 07/17/10 10:30

% Solids: 86.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.1	0.733	2.44	1		SW6010C	0G20110	07/21/10 19:17

# ANALYSIS DATA SHEET

PEF0157

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-08

Sampled: 06/21/10 15:10

Received: 07/17/10 10:30

% Solids: 89.74

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.6	0.662	2.21	1		SW6010C	0G20110	07/21/10 19:22

# ANALYSIS DATA SHEET

PEF0158

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-09

Sampled: 07/14/10 14:55

Received: 07/17/10 10:30

% Solids: 84.13

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	127	0.706	2.35	1		SW6010C	0G20110	07/21/10 19:28

# ANALYSIS DATA SHEET

PEF0159

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-10

Sampled: 07/15/10 12:10

Received: 07/17/10 10:30

% Solids: 89.07

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.4	0.667	2.22	1		SW6010C	0G20110	07/21/10 19:33

# ANALYSIS DATA SHEET

**PEF0160**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-11

Sampled: 07/15/10 14:30

Received: 07/17/10 10:30

% Solids: 88.23

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.42	0.642	2.14	1		SW6010C	0G20110	07/21/10 19:53



# ANALYSIS DATA SHEET

PEF0161

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-12

Sampled: 07/15/10 15:50

Received: 07/17/10 10:30

% Solids: 87.05

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.3	0.663	2.21	1		SW6010C	0G20110	07/21/10 19:58

# ANALYSIS DATA SHEET

PEF0162

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-13

Sampled: 07/15/10 10:40

Received: 07/17/10 10:30

% Solids: 89.04

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	24.7	0.630	2.10	1		SW6010C	0G20110	07/21/10 20:03

# ANALYSIS DATA SHEET

**PEF0164**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-14

Sampled: 07/15/10 11:40

Received: 07/17/10 10:30

% Solids: 88.48

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.1	0.699	2.33	1		SW6010C	0G20110	07/21/10 20:08

# ANALYSIS DATA SHEET

**PEF0165**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-15

Sampled: 07/15/10 15:20

Received: 07/17/10 10:30

% Solids: 80.67

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	79.6	0.736	2.45	1		SW6010C	0G20110	07/21/10 20:14

# ANALYSIS DATA SHEET

PEF0166

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-16

Sampled: 07/15/10 10:20

Received: 07/17/10 10:30

% Solids: 87.53

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.51	0.692	2.31	1		SW6010C	0G20110	07/21/10 20:19

# ANALYSIS DATA SHEET

**PEF0167**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-17

Sampled: 07/15/10 14:00

Received: 07/17/10 10:30

% Solids: 89.49

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	51.5	0.677	2.26	1		SW6010C	0G20110	07/21/10 20:24

# ANALYSIS DATA SHEET

PEF0168

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-18

Sampled: 07/14/10 11:50

Received: 07/17/10 10:30

% Solids: 86.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.4	0.676	2.25	1		SW6010C	0G20110	07/21/10 20:29

# ANALYSIS DATA SHEET

**PEF0169**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-19

Sampled: 07/14/10 10:40

Received: 07/17/10 10:30

% Solids: 89.10

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	26.0	0.667	2.22	1		SW6010C	0G20110	07/21/10 20:35



# ANALYSIS DATA SHEET

PEF0170

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_007

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007112-20

Sampled: 07/16/10 08:20

Received: 07/17/10 10:30

% Solids: 84.28

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.8	0.705	2.35	1		SW6010C	0G20110	07/21/10 20:40

# ANALYSIS DATA SHEET

PEF0171

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_008

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008002-01

Sampled: 07/30/10 09:50

Received: 07/31/10 11:00

% Solids: 88.11

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	69.9	0.661	2.20	1	N	SW6010C	0H03002	08/04/10 17:14

# ANALYSIS DATA SHEET

PEF0172

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_008

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008002-02

Sampled: 07/30/10 10:15

Received: 07/31/10 11:00

% Solids: 86.81

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	33.0	0.684	2.28	1	N	SW6010C	0H03002	08/04/10 17:18

# ANALYSIS DATA SHEET

PEF0173

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1008179-01

Sampled: 08/17/10 11:55

Received: 08/19/10 08:30

% Solids: 82.96

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	429	0.689	2.30	1		SW6010C	0H23403	08/24/10 18:43

# ANALYSIS DATA SHEET

**PEF0174**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-02

Sampled: 08/17/10 12:10

Received: 08/19/10 08:30

% Solids: 87.03

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	292	0.676	2.25	1		SW6010C	0H23403	08/24/10 18:48

# ANALYSIS DATA SHEET

PEF0175

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-03

Sampled: 08/17/10 12:10

Received: 08/19/10 08:30

% Solids: 86.53

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	246	0.687	2.29	1		SW6010C	0H23403	08/24/10 18:52

# ANALYSIS DATA SHEET

**PEF0176**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-04

Sampled: 08/17/10 10:45

Received: 08/19/10 08:30

% Solids: 81.70

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.15	0.686	2.29	1		SW6010C	0H23403	08/24/10 18:57

# ANALYSIS DATA SHEET

PEF0177

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-05

Sampled: 08/17/10 10:10

Received: 08/19/10 08:30

% Solids: 79.78

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	12.8	0.760	2.53	1		SW6010C	0H23403	08/24/10 19:01



# ANALYSIS DATA SHEET

PEF0178

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-06

Sampled: 08/17/10 11:15

Received: 08/19/10 08:30

% Solids: 85.98

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.59	0.712	2.37	1		SW6010C	0H23403	08/24/10 19:06

# ANALYSIS DATA SHEET

**PEF0179**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-07

Sampled: 08/17/10 10:40

Received: 08/19/10 08:30

% Solids: 76.62

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	71.7	0.791	2.64	1		SW6010C	0H23403	08/24/10 19:11

# ANALYSIS DATA SHEET

PEF0180

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-08

Sampled: 08/17/10 11:10

Received: 08/19/10 08:30

% Solids: 83.26

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	157	0.735	2.45	1		SW6010C	0H23403	08/24/10 19:15

# ANALYSIS DATA SHEET

PEF0181

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-09

Sampled: 08/17/10 11:45

Received: 08/19/10 08:30

% Solids: 81.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	342	0.672	2.24	1		SW6010C	0H23403	08/24/10 19:33

# ANALYSIS DATA SHEET

**PEF0182**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-10

Sampled: 08/17/10 12:05

Received: 08/19/10 08:30

% Solids: 86.13

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.11	0.711	2.37	1		SW6010C	0H23403	08/24/10 19:37

# ANALYSIS DATA SHEET

PEF0183

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-11

Sampled: 08/17/10 11:00

Received: 08/19/10 08:30

% Solids: 85.88

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.43	0.672	2.24	1		SW6010C	0H23403	08/24/10 19:42

# ANALYSIS DATA SHEET

**PEF0184**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-12

Sampled: 08/17/10 11:05

Received: 08/19/10 08:30

% Solids: 83.77

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	66.5	0.724	2.41	1		SW6010C	0H23403	08/24/10 19:46

# ANALYSIS DATA SHEET

**PEF0185**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-13

Sampled: 08/17/10 12:05

Received: 08/19/10 08:30

% Solids: 86.65

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	278	0.666	2.22	1		SW6010C	0H23403	08/24/10 19:51



# ANALYSIS DATA SHEET

**PEF0186**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-14

Sampled: 08/17/10 12:05

Received: 08/19/10 08:30

% Solids: 85.96

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	342	0.691	2.30	1		SW6010C	0H23403	08/24/10 19:56

# ANALYSIS DATA SHEET

**PEF0187**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-15

Sampled: 08/17/10 10:30

Received: 08/19/10 08:30

% Solids: 83.72

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	23.4	0.710	2.37	1		SW6010C	0H23403	08/24/10 20:00

# ANALYSIS DATA SHEET

**PEF0188**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-16

Sampled: 08/17/10 11:18

Received: 08/19/10 08:30

% Solids: 55.51

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	145	1.10	3.68	1		SW6010C	0H23403	08/24/10 20:24

# ANALYSIS DATA SHEET

**PEF0189**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-17

Sampled: 08/17/10 11:20

Received: 08/19/10 08:30

% Solids: 90.34

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	292	0.639	2.13	1		SW6010C	0H23403	08/24/10 20:28

# ANALYSIS DATA SHEET

PEF0190

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-18

Sampled: 08/17/10 10:20

Received: 08/19/10 08:30

% Solids: 79.87

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	95.7	0.696	2.32	1		SW6010C	0H23403	08/24/10 20:33

# ANALYSIS DATA SHEET

PEF0191

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-19

Sampled: 08/17/10 12:30

Received: 08/19/10 08:30

% Solids: 86.44

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.79	0.694	2.31	1		SW6010C	0H23404	08/24/10 21:14

# ANALYSIS DATA SHEET

PEF0192

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-20

Sampled: 08/17/10 11:25

Received: 08/19/10 08:30

% Solids: 82.98

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	786	0.702	2.34	1		SW6010C	0H23404	08/24/10 21:19

# ANALYSIS DATA SHEET

**PEF0193**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-21

Sampled: 08/17/10 11:50

Received: 08/19/10 08:30

% Solids: 88.48

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	67.3	0.685	2.28	1		SW6010C	0H23404	08/24/10 21:24



# ANALYSIS DATA SHEET

**PEF0194**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-22

Sampled: 08/17/10 11:40

Received: 08/19/10 08:30

% Solids: 81.86

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	974	0.719	2.40	1		SW6010C	0H23404	08/24/10 21:47

# ANALYSIS DATA SHEET

PEF0195

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-23

Sampled: 08/17/10 12:25

Received: 08/19/10 08:30

% Solids: 84.22

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	17.8	0.705	2.35	1		SW6010C	0H23404	08/24/10 21:52

# ANALYSIS DATA SHEET

PEF0196

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-24

Sampled: 08/17/10 11:30

Received: 08/19/10 08:30

% Solids: 86.48

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	24.3	0.687	2.29	1		SW6010C	0H23404	08/24/10 21:57

# ANALYSIS DATA SHEET

PEF0197

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-25

Sampled: 08/17/10 11:30

Received: 08/19/10 08:30

% Solids: 86.38

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	23.7	0.662	2.21	1		SW6010C	0H23404	08/24/10 22:01

# ANALYSIS DATA SHEET

**PEF0198**

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-26

Sampled: 08/17/10 14:20

Received: 08/19/10 08:30

% Solids: 83.83

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	299	0.730	2.43	1		SW6010C	0H23404	08/24/10 22:19

# ANALYSIS DATA SHEET

PEF0199

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-27

Sampled: 08/17/10 10:55

Received: 08/19/10 08:30

% Solids: 83.35

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.08	0.692	2.31	1		SW6010C	0H23404	08/24/10 22:23

# ANALYSIS DATA SHEET

PEF0200

Laboratory: Empirical Laboratories, LLC

SDG: RSA183\_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1008179-28

Sampled: 08/17/10 12:00

Received: 08/19/10 08:30

% Solids: 86.10

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	739	0.697	2.32	1		SW6010C	0H23404	08/24/10 22:28



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF06092010-S-ELAE  
Page 1 of 2

Project Number: 118166  
Project Name: Redstone- PBC  
Sample Coordinator: Brian Rhodes  
Turnaround Time:

*Normal*

Samples Shipment Date: 09 JUN 2010  
Lab Destination: Futch/ELAB, Inc.  
Lab Contact: Marcia McGinnity  
Project Contact: Marcia McGinnity  
Carrier/Waybill No.: Fed Ex/7936 2167 4021

Bill To: Joyce McGee  
312 Directors Drive  
Knoxville TN 37923  
Report To: Joyce McGee  
312 Directors Drive  
Knoxville TN 37923

Special Instructions: NORMAL TAT

Possible Hazard Identification:

Non-hazard      Flammable      Skin Irritant

Radiological

Poison B      Unknown

Sample Disposal:

Return to Client      Disposal by Lab       Archive (mos.)

1. Relinquished By *Bill*  
(Signature/Affiliation)

Date: *6-9-10*  
Time: *1515*

1. Received By  
(Signature/Affiliation)

Date:  
Time:

2. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

2. Received By  
(Signature/Affiliation)

Date:  
Time:

3. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

3. Received By  
(Signature/Affiliation)

Date: *6/10/10*  
Time: *09:20*

*[Handwritten Signature]*

Comments: RSA-183 SOIL SAMPLES

*1006080*

*3.10c*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fil	CID	Condition On Receipt
-01	PEF0001 E183-CS01-DS-PEF0001	03 JUN 2010	11:15	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
-02	PEF0002 E183-CS02-DS-PEF0002	03 JUN 2010	11:00	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
-03	PEF0003 E183-CS03-DS-PEF0003	03 JUN 2010	12:45	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
-04	PEF0004 E183-CS03-DS-PEF0004	03 JUN 2010	12:45	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
-05	PEF0005 E183-CS04-DS-PEF0005	03 JUN 2010	13:10	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
-06	PEF0006 E183-CS05-DS-PEF0006	03 JUN 2010	14:45	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
-07	PEF0007 E183-CS06-DS-PEF0007	03 JUN 2010	14:45	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
-08	PEF0008 E183-CS07-DS-PEF0008	03 JUN 2010	16:10	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

1006030

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units	File	CID	Condition On Receipt
-08	PEF0008-MS E183-CS07-DS-PEF0008-MS	03 JUN 2010	16:10	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
↓	PEF0008-MSD E183-CS07-DS-PEF0008-MSD	03 JUN 2010	16:10	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-09	PEF0009 E183-CS08-DS-PEF0009	03 JUN 2010	15:45	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-10	PEF0010 E183-CS09-DS-PEF0010	04 JUN 2010	12:25	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-11	PEF0011 E183-CS10-DS-PEF0011	07 JUN 2010	08:40	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-12	PEF0012 E183-CS11-DS-PEF0012	07 JUN 2010	10:00	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-13	PEF0013 E183-CS12-DS-PEF0013	07 JUN 2010	09:05	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-14	PEF0014 E183-CS13-DS-PEF0014	04 JUN 2010	12:05	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-15	PEF0015 E183-CS13-DS-PEF0015	04 JUN 2010	12:05	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-16	PEF0016 E183-CS14-DS-PEF0016	07 JUN 2010	08:40	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-17	PEF0017 E183-CS15-DS-PEF0017	02 JUN 2010	15:55	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-18	PEF0018 E183-CS16-DS-PEF0018	02 JUN 2010	16:25	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-19	PEF0019 E183-CS17-DS-PEF0019	03 JUN 2010	08:20	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
-20	PEF9002 E183-SPL02-SO-PEF9002	07 JUN 2010	09:50	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
-21	PEF9003 E183-SPL03-SO-PEF9003	04 JUN 2010	11:50	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
-22	PEF9004 E183-SPL04-SO-PEF9004	03 JUN 2010	14:45	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
-23	PEF9005 E183-SPL05-SO-PEF9005	03 JUN 2010	13:10	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
-24	PEF9006 E183-SPL06-SO-PEF9006	03 JUN 2010	16:10	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
-25	PEF9007 E183-SPL07-SO-PEF9007	03 JUN 2010	10:55	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF06162010-S-ELAE  
Page 1 of 2

Project Number: 118166  
Project Name: Redstone- PBC  
Sample Coordinator: Brian Rhodes  
Turnaround Time:

*NORMAL*

Samples Shipment Date: 16 JUN 2010  
Lab Destination: Futch/ELAB, Inc.  
Lab Contact: Marcia McGinnity  
Project Contact: Marcia McGinnity  
Carrier/Waybill No.: Fed Ex/7987 6447 4711

Bill To: Joyce McGee  
312 Directors Drive  
Knoxville TN 37923  
Report To: Joyce McGee  
312 Directors Drive  
Knoxville TN 37923

Special Instructions: NORMAL TAT

*PBC CONTRACT*

Possible Hazard Identification:

Non-hazard      Flammable      Skin Irritant

Radiological

Poison B

Unknown

Sample Disposal:

Return to Client

Disposal by Lab

Archive

(mos.)

1. Relinquished By *B.R.*  
(Signature/Affiliation)

Date: *6-16-10*  
Time: *1030*

1. Received By  
(Signature/Affiliation)

Date:  
Time:

2. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

2. Received By  
(Signature/Affiliation)

Date:  
Time:

3. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

3. Received By  
(Signature/Affiliation)

*[Handwritten Signature]*

Date: *6/17/10*  
Time: *0900*

Comments: RSA-183 SOIL SAMPLES

*2-100*

*1006120*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
<i>-01</i> PEF0030	E183-CS27-DS-PEF0030	07 JUN 2010	14:05	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
<i>-02</i> PEF0030-MS	E183-CS27-DS-PEF0030-MS	07 JUN 2010	14:05	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
<i>-03</i> PEF0030-MSD	E183-CS27-DS-PEF0030-MSD	07 JUN 2010	14:05	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
<i>-04</i> PEF0031	E183-CS28-DS-PEF0031	10 JUN 2010	14:40	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
<i>-05</i> PEF0032	E183-CS29-DS-PEF0032	10 JUN 2010	14:50	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
<i>-06</i> PEF0033	E183-CS30-DS-PEF0033	10 JUN 2010	13:15	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
<i>-07</i> PEF0034	E183-CS31-DS-PEF0034	10 JUN 2010	13:30	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N
<i>-08</i> PEF0035	E183-CS32-DS-PEF0035	10 JUN 2010	14:10	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010B					N

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

1006120  
Sample No

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units	File	CID	Condition On Receipt
- 07	PEF0036	10 JUN 2010	16:00	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 08	PEF0037	10 JUN 2010	16:00	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 09	PEF0038	10 JUN 2010	15:30	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 10	PEF0039	14 JUN 2010	11:25	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 11	PEF0040	14 JUN 2010	14:30	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 12	PEF0041	14 JUN 2010	13:15	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 13	PEF0042	14 JUN 2010	13:50	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 14	PEF0043	14 JUN 2010	15:40	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 15	PEF0044	14 JUN 2010	15:00	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 16	PEF0045	14 JUN 2010	10:50	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 17	PEF0046	14 JUN 2010	10:20	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010B					N
- 18	PEF9014	14 JUN 2010	13:30	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
- 19	PEF9015	14 JUN 2010	15:05	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
- 20	PEF9016	14 JUN 2010	10:10	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
- 21	PEF9017	14 JUN 2010	11:15	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
- 22	PEF9018	14 JUN 2010	16:00	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
- 23	PEF9019	15 JUN 2010	10:40	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N
- 24	PEF9020	15 JUN 2010	09:25	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF062410-S-EMP  
Page 1 of 3

Project Number: 118166

Samples Shipment Date: 24 JUN 2010

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Empirical Laboratories, LLC

312 Directors Drive  
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Kim Kostzer

Report To: Carleton Edmonds

Turnaround Time:

Project Contact: Kim Kostzer

312 Directors Drive  
Knoxville TN 37923

*5 day Turn*

Carrier/Waybill No.: Fed Ex/ 798790140594

Special Instructions: 5 day TAT on all samples.

Possible Hazard Identification:

Non-hazard  Flammable  Skin Irritant

Poison B  Unknown

Radiological

Sample Disposal:

Return to Client

Disposal by Lab

Archive

(mos.)

1. Relinquished By  
(Signature/Affiliation) *Deke*

Date: *6-24-10*  
Time: *1700*

1. Received By  
(Signature/Affiliation)

Date:  
Time:

2. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

2. Received By  
(Signature/Affiliation)

Date: *6/25/10*  
Time: *1230*

3. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

3. Received By  
(Signature/Affiliation)

Date:  
Time:

Comments: 5 day TAT on all samples.

*4.90C*

*1006137*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	File	CID	Condition On Receipt
-01	PEF0076	E183-CS69-DS-PEF0076	18 JUN 2010	10:00	4 oz	CWMG	1 None except cool to 4 C Arsenic by SW-6010C					N
-02	PEF0077	E183-CS70-DS-PEF0077	18 JUN 2010	12:00	4 oz	CWMG	1 None except cool to 4 C Arsenic by SW-6010C					N
-03	PEF0078	E183-CS71-DS-PEF0078	18 JUN 2010	10:20	4 oz	CWMG	1 None except cool to 4 C Arsenic by SW-6010C					N
-04	PEF0079	E183-CS72-DS-PEF0079	18 JUN 2010	12:15	4 oz	CWMG	1 None except cool to 4 C Arsenic by SW-6010C					N
-05	PEF0080	E183-CS73-DS-PEF0080	18 JUN 2010	09:00	4 oz	CWMG	1 None except cool to 4 C Arsenic by SW-6010C					N
-06	PEF0081	E183-CS73-DS-PEF0081	18 JUN 2010	09:00	4 oz	CWMG	1 None except cool to 4 C Arsenic by SW-6010C					N
-07	PEF0082	E183-CS74-DS-PEF0082	21 JUN 2010	08:55	4 oz	CWMG	1 None except cool to 4 C Arsenic by SW-6010C					N
-08	PEF0083	E183-CS75-DS-PEF0083	22 JUN 2010	09:50	4 oz	CWMG	1 None except cool to 4 C Arsenic by SW-6010C					N



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF062410-S-EMP

Page 2 of 3

1006187

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt	
-09	PEF0084	E183-CS76-DS-PEF0084	22 JUN 2010	10:40	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-10	PEF0085	E183-CS77-DS-PEF0085	22 JUN 2010	13:50	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-11	PEF0086	E183-CS78-DS-PEF0086	22 JUN 2010	13:30	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-12	PEF0087	E183-CS79-DS-PEF0087	22 JUN 2010	09:15	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-13	PEF0088	E183-CS80-DS-PEF0088	22 JUN 2010	08:50	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-14	PEF0089	E183-CS81-DS-PEF0089	23 JUN 2010	10:50	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-15	PEF0090	E183-CS82-DS-PEF0090	23 JUN 2010	10:30	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-16	PEF0091	E183-CS83-DS-PEF0091	23 JUN 2010	11:15	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-17	PEF0092	E183-CS85-DS-PEF0092	22 JUN 2010	15:30	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-18	PEF0093	E183-CS84-DS-PEF0093	23 JUN 2010	11:55	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-19	PEF0094	E183-CS85-DS-PEF0094	22 JUN 2010	15:30	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-20	PEF0095	E183-CS86-DS-PEF0095	22 JUN 2010	15:15	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-21	PEF0096	E183-CS87-DS-PEF0096	04 JUN 2010	10:15	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
	PEF0096-MS	E183-CS87-DS-PEF0096-MS	04 JUN 2010	10:15	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
	PEF0096-MSD	E183-CS87-DS-PEF0096-MSD	04 JUN 2010	10:15	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-22	PEF0097	E183-CS88-DS-PEF0097	04 JUN 2010	09:55	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-23	PEF0098	E183-CS89-DS-PEF0098	04 JUN 2010	10:20	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-24	PEF0099	E183-CS90-DS-PEF0099	04 JUN 2010	09:25	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-25	PEF0100	E183-CS91-DS-PEF0100	07 JUN 2010	13:00	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-26	PEF0101	E183-CS92-DS-PEF0101	07 JUN 2010	13:25	4 oz CWMG	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-27	PEF0102	E183-CS93-DS-PEF0102	07 JUN 2010	12:55	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-28	PEF0103	E183-CS94-DS-PEF0103	07 JUN 2010	09:30	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-29	PEF0104	E183-CS95-DS-PEF0104	02 JUN 2010	09:00	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-30	PEF0105	E183-CS95-DS-PEF0105	02 JUN 2010	09:00	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-31	PEF0106	E183-CS96-DS-PEF0106	02 JUN 2010	14:15	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-32	PEF0107	E183-CS97-DS-PEF0107	02 JUN 2010	12:15	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-33	PEF0109	E183-CS99-DS-PEF0109	04 JUN 2010	10:30	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-34	PEF0110	E183-CS100-DS-PEF0110	02 JUN 2010	11:30	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-35	PEF0111	E183-CS101-DS-PEF0111	02 JUN 2010	13:40	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-36	PEF0112	E183-CS102-DS-PEF0112	21 JUN 2010	11:00	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-37	PEF0113	E183-CS103-DS-PEF0113	22 JUN 2010	10:50	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-38	PEF0114	E183-CS104-DS-PEF0114	21 JUN 2010	10:15	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-39	PEF0115	E183-CS105-DS-PEF0115	21 JUN 2010	10:30	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	
-40	PEF0116	E183-CS105-DS-PEF0116	21 JUN 2010	10:30	4 oz CWM	1 None except cool to 4 C	Arsenic by SW-6010C				N	



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF062410-S-EMP  
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Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
-41 PEF9028	E183-SPL28-SO-PEF9028	18 JUN 2010	10:15	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-42 PEF9029	E183-SPL29-SO-PEF9029	18 JUN 2010	08:45	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-43 PEF9030	E183-SPL30-SO-PEF9030	18 JUN 2010	11:50	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-44 PEF9031	E183-SPL31-SO-PEF9031	22 JUN 2010	09:00	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-45 PEF9032	E183-SPL32-SO-PEF9032	22 JUN 2010	10:30	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-46 PEF9033	E183-SPL33-SO-PEF9033	22 JUN 2010	13:15	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-47 PEF9034	E183-SPL34-SO-PEF9034	22 JUN 2010	15:05	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-48 PEF9035	E183-SPL35-SO-PEF9035	23 JUN 2010	10:40	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-49 PEF9036	E183-SPL36-SO-PEF9036	23 JUN 2010	11:40	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-50 PEF9037	E183-SPL37-SO-PEF9037	23 JUN 2010	16:10	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	
-51 PEF9038	E183-SPL38-SO-PEF9038	23 JUN 2010	14:40	4 oz CWMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A				N	



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF063010-S-EMP  
Page 1 of 1

Project Number: 118166

Samples Shipment Date: 30 JUN 2010

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Empirical Laboratories, LLC

312 Directors Drive  
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Kim Kostzer

Report To: Carleton Edmonds

Turnaround Time:

Project Contact: Kim Kostzer

312 Directors Drive  
Knoxville TN 37923

*5 Day Turn*

Carrier/Waybill No.: Fed Ex/793686009186

Special Instructions: 5 DAY TURN

**Possible Hazard Identification:**

Non-hazard  Flammable  Skin Irritant

Poison B  Unknown

Radiological

**Sample Disposal:**

Return to Client  Disposal by Lab  Archive  (mos.)

1. Relinquished By  
(Signature/Affiliation)

*Dexa*

Date: *6-30-10*  
Time: *1700*

1. Received By  
(Signature/Affiliation)

Date:  
Time:

2. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

2. Received By  
(Signature/Affiliation)

Date:  
Time:

3. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

3. Received By  
(Signature/Affiliation)

*W. H. H.*

Date: *7/1/10*  
Time: *08:30*

Comments: 5 DAY TURN

*4.10C*

*1007004*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	File	CID	Condition On Receipt
<i>-01</i>	PEF0117 E183-CS106-DS-PEF0117	23 JUN 2010	14:00	4 oz CWM	1	None except cool to 4 C	Arsenic by SW-6010C					N
<i>-02</i>	PEF0118 E183-CS107-DS-PEF0118	23 JUN 2010	15:45	4 oz CWM	1	None except cool to 4 C	Arsenic by SW-6010C					N
<i>-03</i>	PEF0119 E183-CS108-DS-PEF0119	23 JUN 2010	16:25	4 oz CWM	1	None except cool to 4 C	Arsenic by SW-6010C					N
<i>-04</i>	PEF0120 E183-CS109-DS-PEF0120	24 JUN 2010	13:50	4 oz CWM	1	None except cool to 4 C	Arsenic by SW-6010C					N
<i>-05</i>	PEF0121 E183-CS110-DS-PEF0121	24 JUN 2010	14:05	4 oz CWM	1	None except cool to 4 C	Arsenic by SW-6010C					N
<i>-06</i>	PEF0122 E183-CS111-DS-PEF0122	23 JUN 2010	09:30	4 oz CWM	1	None except cool to 4 C	Arsenic by SW-6010C					N
<i>-07</i>	PEF9039 E183-SPL39-SO-PEF9039	24 JUN 2010	11:15	4 oz CWMG	1	None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					N



ANALYSIS REQUEST AND  
CHAIN-OF-CUSTODY RECORD

REFERENCE COC NO.: PEF08182010-S-ELAR

PAGE 1 OF 2

Project Name/No: Redstone PBC - 118166 RSA-183  
Sample Team Member: Emily Dameron  
Profit Center: Knoxville  
Project Manager: Jack Koolsch  
Project No.: 118166  
Required Report Date: 5 day TAT

Sample Shipment Date: 8/18/10  
Laboratory Destination: Empirical Laboratories  
Laboratory Contact: Kim Kostzer  
Project Contact/Phone: Carleton Edmunds/865-690-3211  
Carrier Waybill No.: 7989 57 89 57 58

Bill To: Kim Pinkston  
Shaw E & I  
312 Directors Drive  
Knoxville, TN 37923  
Report To: Carleton Edmunds  
Shaw E & I  
312 Directors Drive  
Knoxville, TN 37923

Sample Number	Sample Type/Description	Date/Time Collected	Container Type	Sample Volume	Pre-servative	Requested Testing Program	Condition on Receipt	Disposal Record
<u>PEF 0199</u>	<u>soil</u>	<u>8/17/10 1055</u>	<u>4oz jar</u>	<u>4oz</u>	<u>none</u>	<u>Arsenic by SW-6010C</u>		
<u>PEF0200</u>	<u>soil</u>	<u>8/17/10 1200</u>	<u>4oz jar</u>	<u>4oz</u>	<u>none</u>	<u>Arsenic by SW-6010C</u>		

Special Instructions:

Possible Hazard Identification:  
Non-haz:  Flammable: \_\_\_\_\_ Poison B: \_\_\_\_\_ Unknown: \_\_\_\_\_

Sample Disposal:  
Return to Client: \_\_\_\_\_ Disposal by Lab:  Archive: \_\_\_\_\_

Turnaround Time: \_\_\_\_\_ Level of QC Required: \_\_\_\_\_  
Normal: \_\_\_\_\_ Rush: 7-10 day 5-day TAT Definitive: \_\_\_\_\_ Project Specific: \_\_\_\_\_

1. Relinquished by: <u>Emily Dameron</u> Shaw E&I	Date: <u>8/18/10</u> Time: <u>1400</u>	1. Received by: _____	Date: _____ Time: _____
2. Relinquished by: _____	Date: _____ Time: _____	2. Received by: _____	Date: _____ Time: _____
3. Relinquished by: _____	Date: _____ Time: _____	2. Received by: _____	Date: _____ Time: _____

Comments:





**ANALYSIS REQUEST AND  
CHAIN-OF-CUSTODY RECORD**

REFERENCE COC NO.:

PAGE 2 OF 2

Bill To: Accounting  
Shaw E&I

Sample Number	Sample Type/Description	Date/Time Collected	Container Type	Sample Volume	Pre-servative	Requested Testing Program	Condition on	Disposal
PEF0173	Soil	8/17/10 1155	4oz jar	4oz	none	Arsenic by SW-6010C		
PEF0174		1210						
PEF0175		1210						
PEF0176		1045						
PEF0177		1010						
PEF0178		1115						
PEF0179		1040						
PEF0180		1110						
PEF0181		1145						
PEF0182		1205						
PEF0183		1100						
PEF0184		1105						
PEF0185		1205						
PEF0186		1205						
PEF0187		1030						
PEF0187-MS		1030						
PEF0187-MSD		1030						
PEF0188		1118						
PEF0189		1120						
PEF0190		1020						
PEF0191		1230						
PEF0192		1125						
PEF0193		1150						
PEF0193-MS		1150						
PEF0193-MSD		1150						
PEF0194		1140						
PEF0195		1225						
PEF0196		1130						
PEF0197		1130						
PEF0198		1420						



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF08182010-S-ELAE  
Page 1 of 2

Project Number: 118166  
Project Name: Redstone- PBC  
Sample Coordinator: Brian Rhodes  
Turnaround Time:

Samples Shipment Date: 18 AUG 2010  
Lab Destination: Empirical Laboratories, LLC  
Lab Contact: Kim Kostzer  
Project Contact: Kim Kostzer  
Carrier/Waybill No.: Fed Ex/798957895758

Bill To: Kim Pinkston  
312 Directors Drive  
Knoxville TN 37923  
Report To: Carleton Edmonds  
312 Directors Drive  
Knoxville TN 37923

Special Instructions: 5 day TAT

<b>Possible Hazard Identification:</b> Non-hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/>	<b>Sample Disposal:</b> Radiological <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive (mos.)
--	---

<b>1. Relinquished By</b> (Signature/Affiliation)	<b>Date:</b> <b>Time:</b>	<b>1. Received By</b> (Signature/Affiliation)	<b>Date:</b> <b>Time:</b>
<b>2. Relinquished By</b> (Signature/Affiliation)	<b>Date:</b> <b>Time:</b>	<b>2. Received By</b> (Signature/Affiliation)	<b>Date:</b> <b>Time:</b>
<b>3. Relinquished By</b> (Signature/Affiliation)	<b>Date:</b> <b>Time:</b>	<b>3. Received By</b> (Signature/Affiliation)	<b>Date:</b> <b>Time:</b>

Comments:

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample			Condition On Receipt
								Vol	Units	File CID	
PEF0173	E183-CS159-DS-PEF0173-REG	17 AUG 2010	11:55	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0174	E183-CS160-DS-PEF0174-REG	17 AUG 2010	12:10	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0175	E183-CS160-DS-PEF0175-FD	17 AUG 2010	12:10	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0176	E183-CS161-DS-PEF0176-REG	17 AUG 2010	10:45	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0177	E183-CS162-DS-PEF0177-REG	17 AUG 2010	10:10	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0178	E183-CS163-DS-PEF0178-REG	17 AUG 2010	11:15	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0179	E183-CS164-DS-PEF0179-REG	17 AUG 2010	10:40	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0180	E183-CS165-DS-PEF0180-REG	17 AUG 2010	11:10	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample			Condition On Receipt	
							Vol	Units	File CID		
PEF0181	E183-CS166-DS-PEF0181-REG	17 AUG 2010	11:45	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0182	E183-CS167-DS-PEF0182-REG	17 AUG 2010	12:05	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0183	E183-CS168-DS-PEF0183-REG	17 AUG 2010	11:00	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0184	E183-CS169-DS-PEF0184-REG	17 AUG 2010	11:05	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0185	E183-CS170-DS-PEF0185-REG	17 AUG 2010	12:05	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0186	E183-CS170-DS-PEF0186-FD	17 AUG 2010	12:05	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0187	E183-CS171-DS-PEF0187-REG	17 AUG 2010	10:30	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0187-MS	E183-CS171-DS-PEF0187-MS-MS	17 AUG 2010	10:30	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0187-MSD	E183-CS171-DS-PEF0187-MSD-MSD	17 AUG 2010	10:30	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0188	E183-CS172-DS-PEF0188-REG	17 AUG 2010	11:18	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0189	E183-CS173-DS-PEF0189-REG	17 AUG 2010	11:20	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0190	E183-CS174-DS-PEF0190-REG	17 AUG 2010	10:20	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0191	E183-CS175-DS-PEF0191-REG	17 AUG 2010	12:30	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0192	E183-CS176-DS-PEF0192-REG	17 AUG 2010	11:25	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0193	E183-CS177-DS-PEF0193-REG	17 AUG 2010	11:50	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0193-MS	E183-CS177-DS-PEF0193-MS-MS	17 AUG 2010	11:50	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0193-MSD	E183-CS177-DS-PEF0193-MSD-MSD	17 AUG 2010	11:50	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0194	E183-CS178-DS-PEF0194-REG	17 AUG 2010	11:40	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0195	E183-CS179-DS-PEF0195-REG	17 AUG 2010	12:25	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0196	E183-CS180-DS-PEF0196-REG	17 AUG 2010	11:30	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0197	E183-CS180-DS-PEF0197-FD	17 AUG 2010	11:30	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0198	E183-CS181-DS-PEF0198-REG	17 AUG 2010	14:20	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0199	E183-CS182-DS-PEF0199-REG	17 AUG 2010	10:55	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	
PEF0200	E183-CS183-DS-PEF0200-REG	17 AUG 2010	12:00	4 oz CWM	1	None except cool to 4 C	Arsenic Only by SW6010C			N	

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF060912010-S-ELAB

Location Code: **E183-CS01**

Sample Number: **PEF0001**

Sample Name: **E183-CS01-DS-PEF0001-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 3 June 2010

Collection Time: 1:15

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: **SOIL**

Sample Team: MA/MB/RR/JC

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

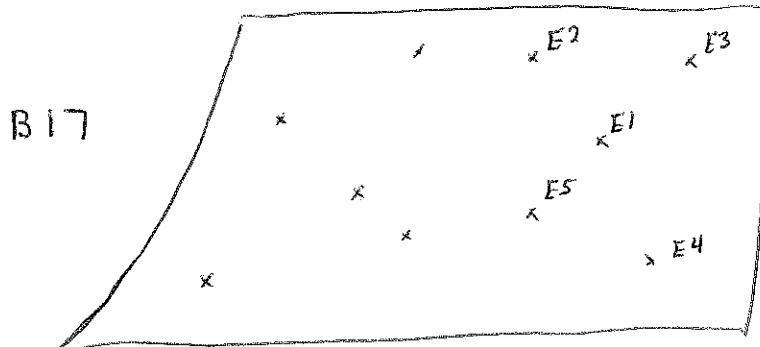
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID 183B17TE 1-2

Composite of 5 sample points

Sketch Location:



Logged BY / Date: MA 3 June 10

Reviewed BY / Date: Emil Cameron 6/17/10



# Sample Collection Log

## 118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF06092610 SELAB

Location Code: **E183-CS02**

Task: **118166**

Sample Number: **PEF0002**

Collection Date: 3 June 10

Sample Name: **E183-CS02-DS-PEF0002-REG**

Collection Time: 1100

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Sample Team: MMB / RR / JC

### Containers

ERPIMS Values:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWVG

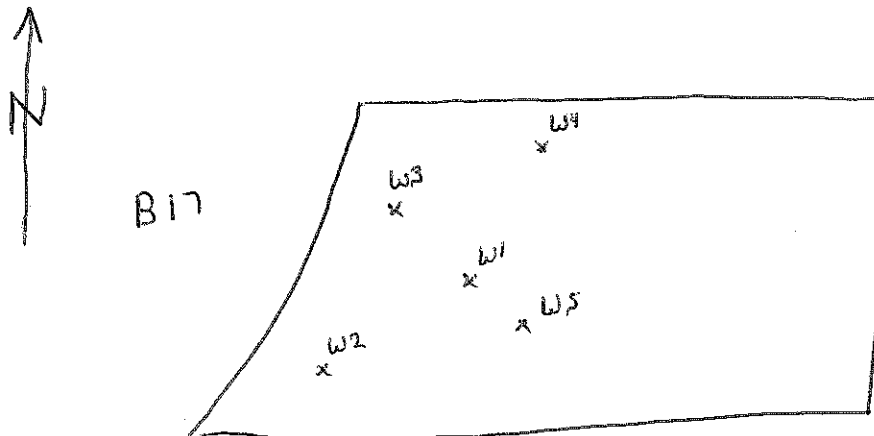
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID B17TW 1-2

Composite of 5 sample points

Sketch Location:



Logged BY / Date: MMB 3 June 10

Reviewed BY / Date: Emerson 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06092010 8 ELAB

Location Code: **E183-CS03**  
 Sample Number: **PEF0003**  
 Sample Name: **E183-CS03-DS-PEF0003-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 3 June 10  
 Collection Time: 1245  
 Start Depth: 1' bgs  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: MA/RS/OC

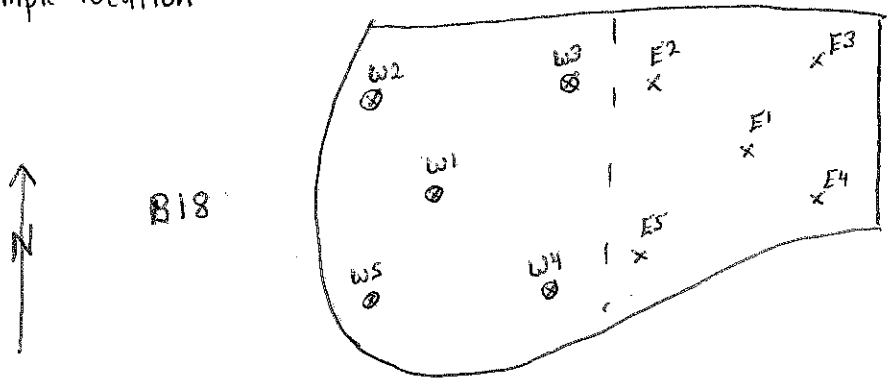
Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID 183 B18 TW 1-2' bgs  
Composed of 5 points W1 - W5

**Sketch Location:**

⊗ = sample location



Logged BY / Date: M. Hill 30 June 10

Reviewed BY / Date: [Signature] 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06092010-S-ELAB

Location Code: **E183-CS03**  
 Sample Number: **PEF0004**  
 Sample Name: **E183-CS03-DS-PEF0004-FD**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **FD**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**  
 Collection Date: 3 June 10  
 Collection Time: 1245  
 Start Depth: 1' bgs  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: MJL / RR / JC

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

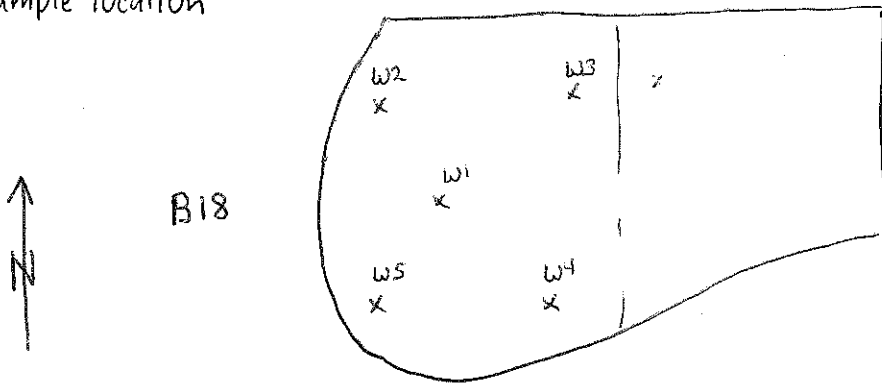
ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID 183B18TW 1-2' bgs

Composite of 5 sample points

**Sketch Location:**

x = sample location



Logged BY / Date: MJL 3 June 10

Reviewed BY / Date: Am [Signature] 6/17/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF000510 S-ELAB

Location Code: E183-CS04

Task: 118166

Sample Number: PEF0005

Collection Date: 30 June 10

Sample Name: E183-CS04-DS-PEF0005-REG

Collection Time: 1310

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 2'

Sampling Equip: Wand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: MML/RR/JG

(TB) (ER) (FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

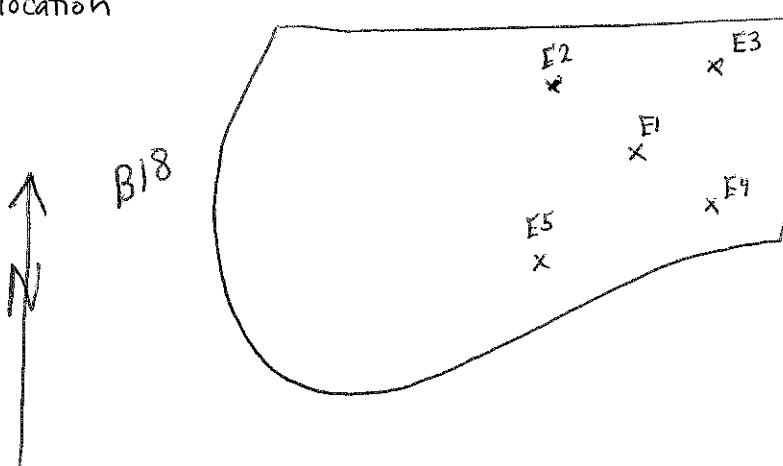
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID 183B18TE 1-2' bgs

### Sketch Location:

X = sample location



Logged BY / Date: MML 30 June 10

Reviewed BY / Date: Eric Johnson 6/17/10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06092010 S-ELAB

Location Code: **E183-CS05**  
 Sample Number: **PEF0006**  
 Sample Name: **E183-CS05-DS-PEF0006-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: \_\_\_\_\_  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**  
 Collection Date: 3 June 10  
 Collection Time: 1445  
 Start Depth: 1' bgs  
 End Depth: 2' bgs  
 Sample Matrix: **SOIL**  
 Sample Team: MD/RA/JG

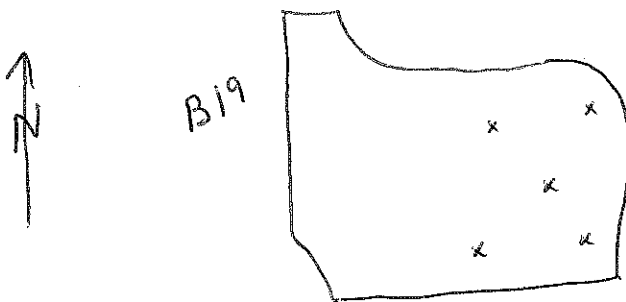
Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID 183B19TE 1-2' bgs  
Composite of 5 sample points

**Sketch Location:**

x = sample location



Logged BY / Date: MD 3 June 10

Reviewed BY / Date: Emmanuel 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF0007010-S-ELAB

Location Code: **E183-CS06** Task: **118166**  
 Sample Number: **PEF0007** Collection Date: 3 June 10  
 Sample Name: **E183-CS06-DS-PEF0007-REG** Collection Time: 1445  
 Sampling Method: **HA** Start Depth: 1' bgs  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 2' bgs  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: MMR/RR/JG  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

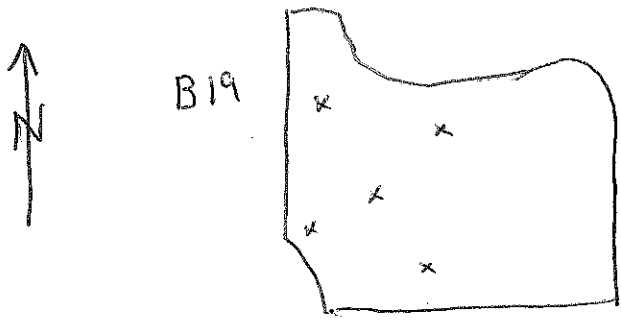
Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID 183B19TW 1-2' bgs  
Composite of 5 sample points

**Sketch Location:**

x=sample location



Logged BY / Date: MMR 30 June 10

Reviewed BY / Date: Emmanuel 6/17/10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06092010 - S-FLAB

Location Code: **E183-CS07**

Task: **118166**

Sample Number: **PEF0008**

Collection Date: 3 June 10

Sample Name: **E183-CS07-DS-PEF0008-REG**

Collection Time: 1610

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MMR/RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

Sacode: \_\_\_\_\_

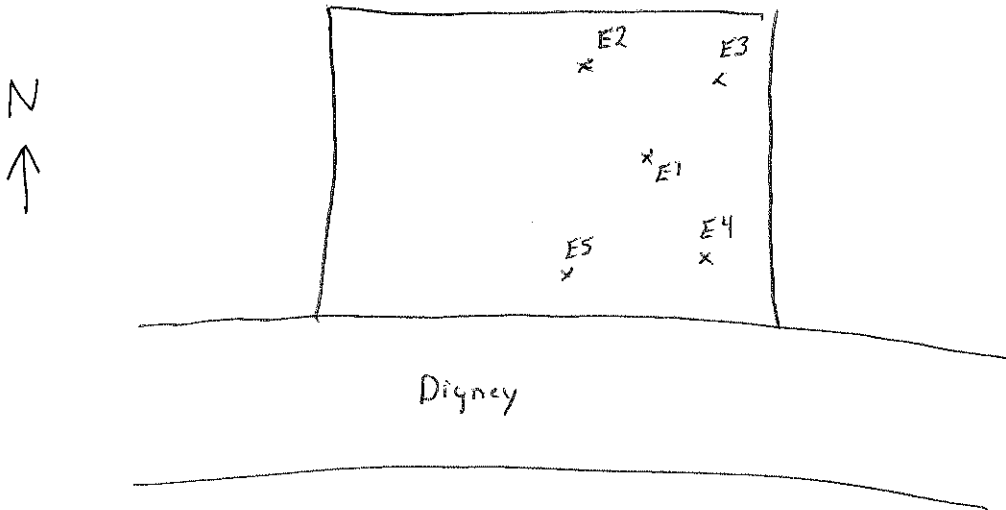
Lot Control#: \_\_\_\_\_

Comments: Field ID 183B20TE 1-2' bgs

Composite of 5 sample points

### Sketch Location:

x = sample location



Logged BY / Date: MMR 30 June 10

Reviewed BY / Date: Ami [Signature] 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06092010 S-ELAB

Location Code: **E183-CS07**

Task: **118166**

Sample Number: **PEF0008-MS**

Collection Date: 30 Jun 10

Sample Name: **E183-CS07-DS-PEF0008-MS**

Collection Time: 1610

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **MS**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MRD / RR / JG

(TB)

(ER)

(FB)

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

Sacode: \_\_\_\_\_

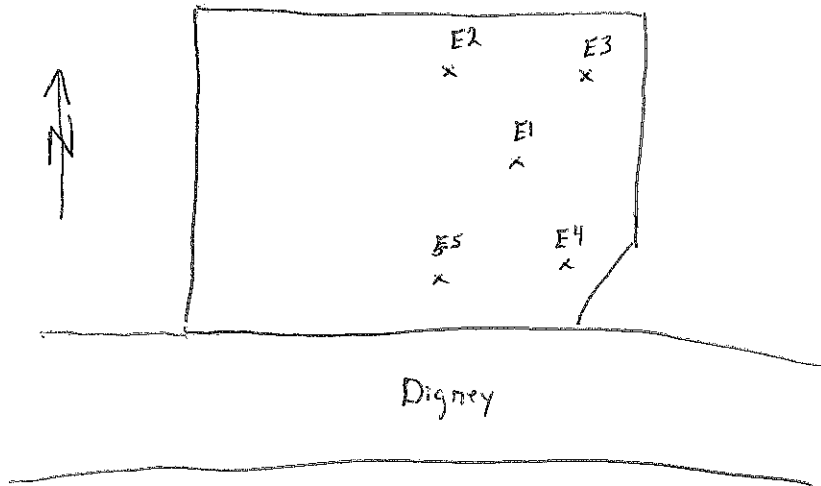
Lot Control#: \_\_\_\_\_

Comments: Field ID 183B20TE 1-2' bgs

Compass of 5 sample points

**Sketch Location:**

x=sample location



Logged BY / Date: MRD 30 Jun 10

Reviewed BY / Date: Ernie Jensen 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06092010-S-ELAB

Location Code: **E183-CS07**  
 Sample Number: **PEF0008-MSD**  
 Sample Name: **E183-CS07-DS-PEF0008-MSD**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **MSD**  
 Sampling Equip: Flamed auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**  
 Collection Date: 3 Jun 10  
 Collection Time: 1610  
 Start Depth: 1' bgs  
 End Depth: 2' bgs  
 Sample Matrix: **SOIL**  
 Sample Team: MR / RR / JG

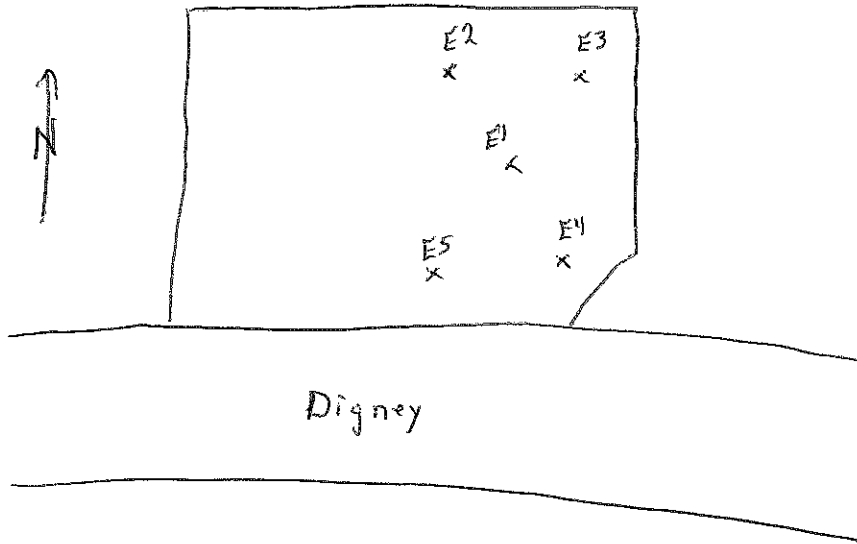
Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID 183B20TE 1-2' bgs  
Composite of 5 sample points

**Sketch Location:**

X = Sample location



Logged BY / Date: M. G. L. 30 Jun 10

Reviewed BY / Date: 6/17/10  
Emil Demun



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF00092010-S-ELAB

Location Code: **E183-CS08**  
Sample Number: **PEF0009**  
Sample Name: **E183-CS08-DS-PEF0009-REG**  
Sampling Method: **HA**  
Sample Type: **DS**      Sample Purpose: **REG**  
Sampling Equip: Hand auger  
QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**  
Collection Date: 3 Jun 10  
Collection Time: 1545  
Start Depth: 1' bgs  
End Depth: 2'  
Sample Matrix: **SOIL**  
Sample Team: MR/RR/JG

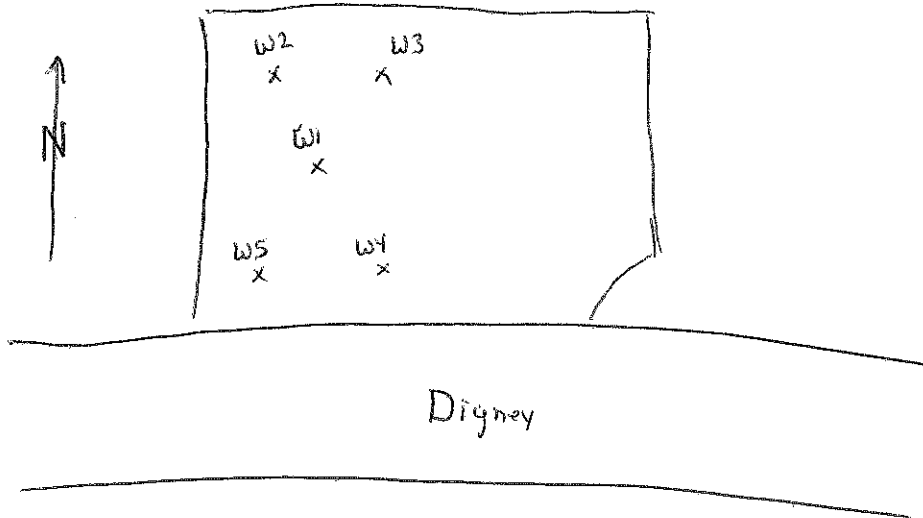
Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
Sacode: \_\_\_\_\_  
Lot Control#: \_\_\_\_\_

Comments: Field ID 183 B20TW 1-2' bgs  
Composed of 5 sample points

### Sketch Location:

x = sample location



Logged BY / Date: M. H. L. 3 Jun 10

Reviewed BY / Date: [Signature] 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF010912010-8-ELAB

Location Code: **E183-CS09**  
 Sample Number: **PEF0010**  
 Sample Name: **E183-CS09-DS-PEF0010-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 4 June 10  
 Collection Time: 1225  
 Start Depth: 1' bgs  
 End Depth: 2' bgs  
 Sample Matrix: **SOIL**  
 Sample Team: M/S/RR/JC

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

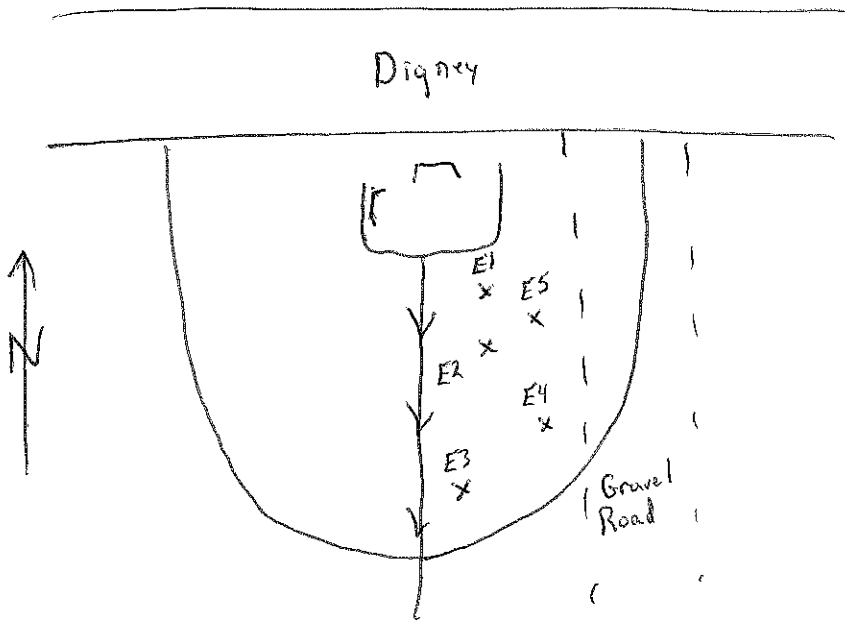
ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID 183B22TE 1-2' bgs

Composite of 5 sample points

**Sketch Location:**

x=sample location



Logged BY / Date: M/S 4 June 10

Reviewed BY / Date: Eric [Signature] 6/17/10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF06092010-S-ELAB

Location Code: E183-CS10  
 Sample Number: PEF0011  
 Sample Name: E183-CS10-DS-PEF0011-REG  
 Sampling Method: HA  
 Sample Type: DS

Task: 118166  
 Collection Date: 07-JUN-10  
 Collection Time: 08:40  
 Start Depth: 0  
 End Depth: 1  
 Sample Matrix: SOIL  
 Sample Team: MG

Sample Purpose: REG

**Containers**

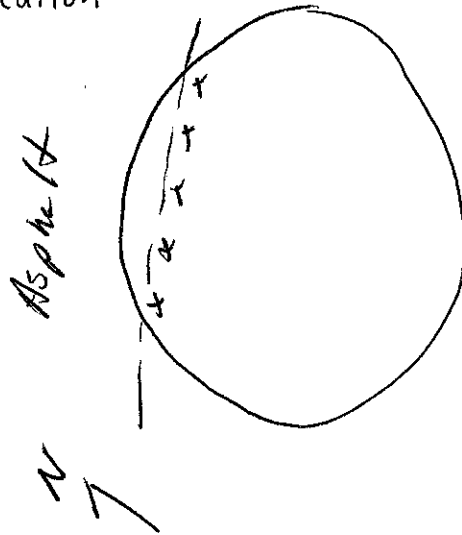
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode:  
 Lot Control#:

Comments: Field ID 183 F01PN  
 5 pt. composite

**Sketch Location:**

x= sample location



Logged BY / Date: M. G. Lee 7 June 10 Reviewed BY / Date: MGS 7-22-10  
 NOTE - Log revised based on updated figure MGS





# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF06092010-SELAB

Location Code: E183-CS11

Task: 118166

Sample Number: PEF0012

Collection Date: 7 June 10

Sample Name: E183-CS11-DS-PEF0012-REG

Collection Time: 1000

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: md/ml

(TB) (ER) (FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

Sacode: \_\_\_\_\_

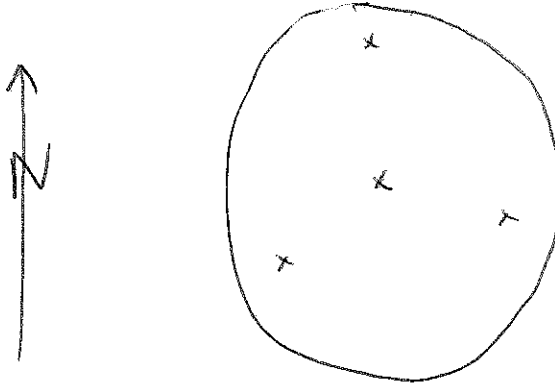
Lot Control#: \_\_\_\_\_

Comments: Field ID E83 E91 -T (all) 1-2' bgs

Composite of 4 sample points

### Sketch Location:

x = sample location



Logged BY / Date: M. Del 7 June 10

Reviewed BY / Date: 6/17/10  
Emil Demer

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06090010-SELAB

Location Code: **E183-CS12**

Task: **118166**

Sample Number: **PEF0013**

Collection Date: 7 June 10

Sample Name: **E183-CS12-DS-PEF0013-REG**

Collection Time: 0905

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MR/RR/JC

(TB)

(ER)

(FB)

**Containers**

ERPIMS Values:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

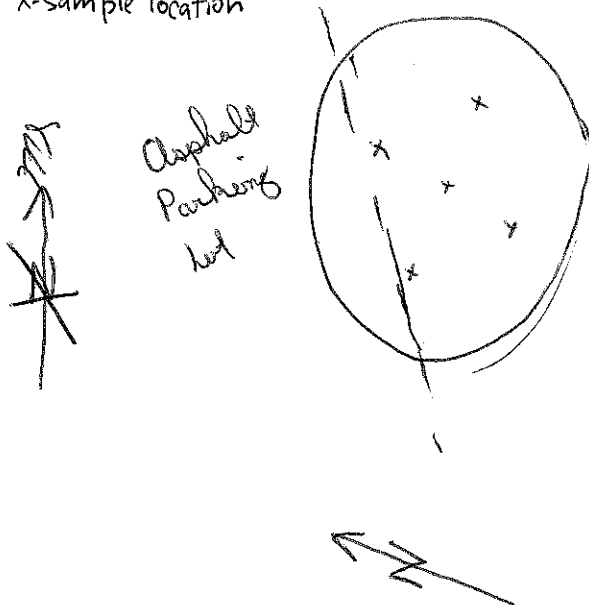
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID 183 FØIT 1-2' bgs

**Sketch Location:**

x=sample location



Logged BY / Date: MR 7 June 10

Reviewed BY / Date: 6/17/10  
Am Jansen

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF00092010-S-ELAG

Location Code: **E183-CS13**

Task: **118166**

Sample Number: **PEF0014**

Collection Date: 4 June 10

Sample Name: **E183-CS13-DS-PEF0014-REG**

Collection Time: 1205

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2' bgs

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MD/RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

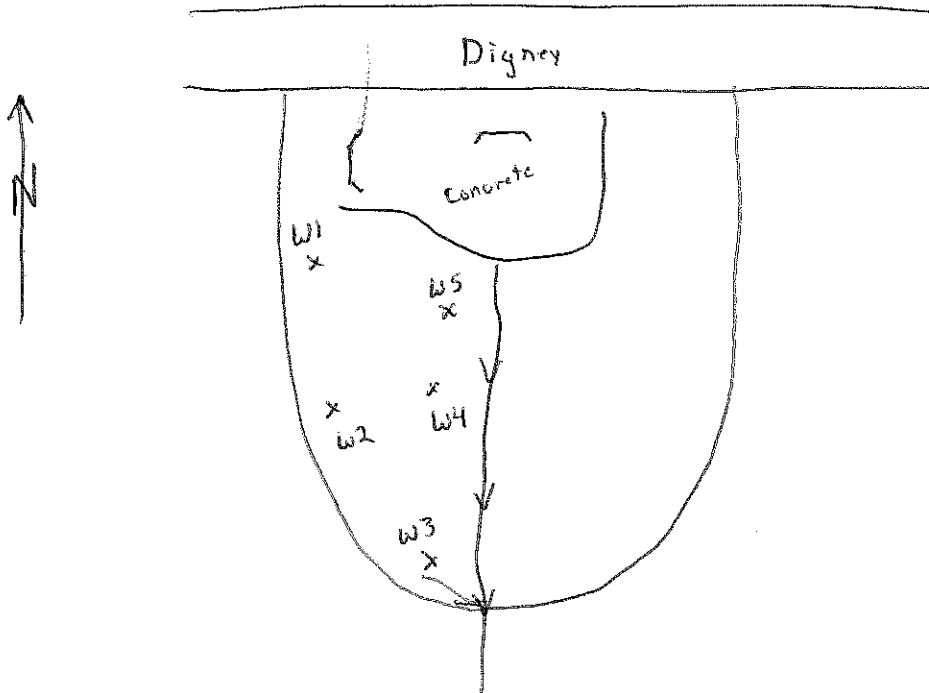
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID 183 B22TW 1-2' bgs  
5 pt. composite

**Sketch Location:**

x = sample location



Logged BY / Date: MD 4 June 10

Reviewed BY / Date: Steve Moran 6/17/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF66092010-STEELAB

Location Code: **E183-CS13**

Task: **118166**

Sample Number: **PEF0015**

Collection Date: 4 June 10

Sample Name: **E183-CS13-DS-PEF0015-FD**

Collection Time: 1205

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **FD**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MM/RR/JG

(TB)

(ER)

(FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

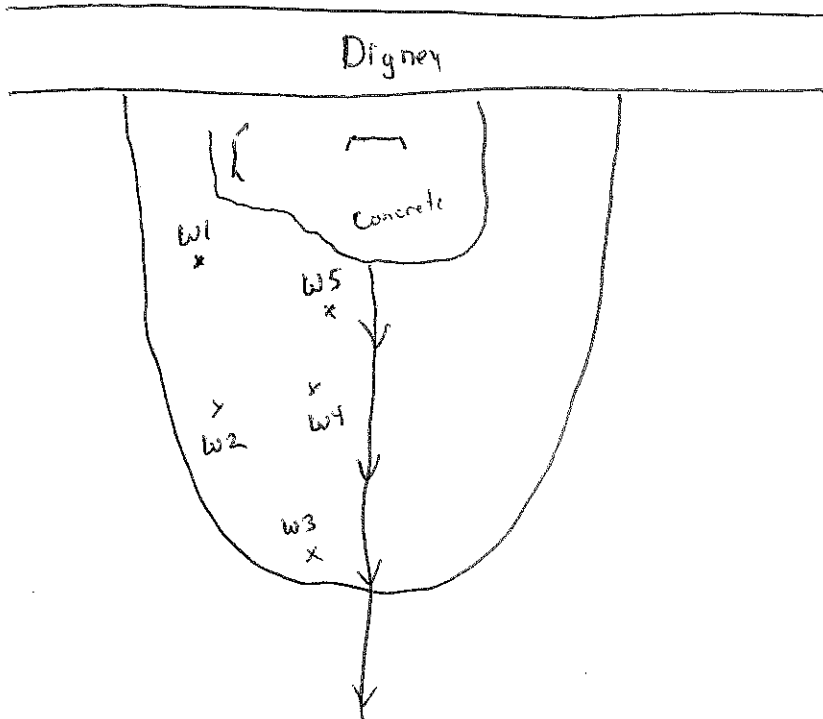
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID 183 B22 TW 1-2' bgs  
5 pt. composite

### Sketch Location:



Logged BY / Date: MM/RR 4 June 10

Reviewed BY / Date: Emily Jensen 6/17/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF06092010-SELAB

Location Code: E183-CS14

Task: 118166

Sample Number: PEF0016

Collection Date: 7 June 10

Sample Name: E183-CS14-DS-PEF0016-REG

Collection Time: 0840

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: MLL/MLL

(TB) (ER) (FB)

### Containers

ERPIMS Values:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

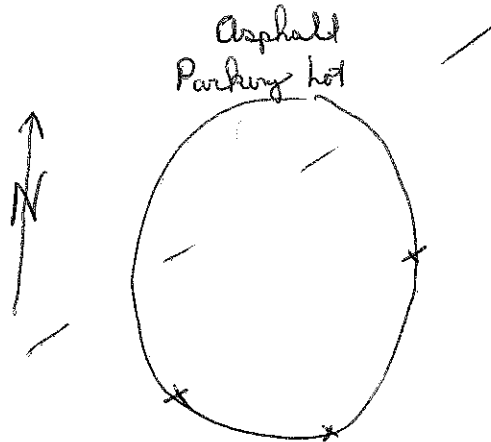
Lot Control#: \_\_\_\_\_

Comments: Field ID 183 F01PS 0-1' bgs

Composite of 3 sample points

### Sketch Location:

X=sample location



Logged BY / Date: MLL 7 June 10

Reviewed BY / Date: [Signature] 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06192010-5-ELAB

Location Code: **E183-CS15** Task: **118166**  
 Sample Number: **PEF0017** Collection Date: 2 June 10  
 Sample Name: **E183-CS15-DS-PEF0017-REG** Collection Time: 1555  
 Sampling Method: **HA** Start Depth: 0' bgs  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 1'  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: MLL/RR/JG  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

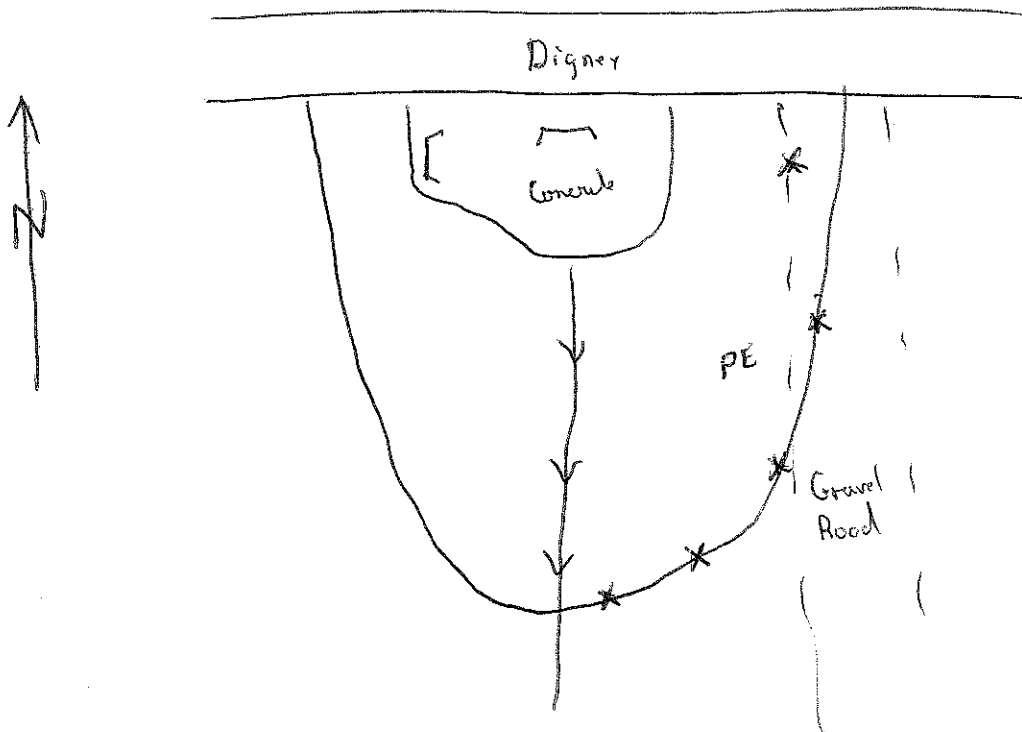
ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID 183 B 22 PE

Composite of 5 sample points

**Sketch Location:**

x=sample location



Logged BY / Date: MLL 2 June 10

Reviewed BY / Date: Erin Cameron 6/17/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF06092010-S-EL-AB

Location Code: E183-CS16

Task: 118166

Sample Number: PEF0018

Collection Date: 2 June 10

Sample Name: E183-CS16-DS-PEF0018-REG

Collection Time: 1625

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: MML/RR/JC

(FB) (ER) (FB)

### Containers

ERPIMS Values:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

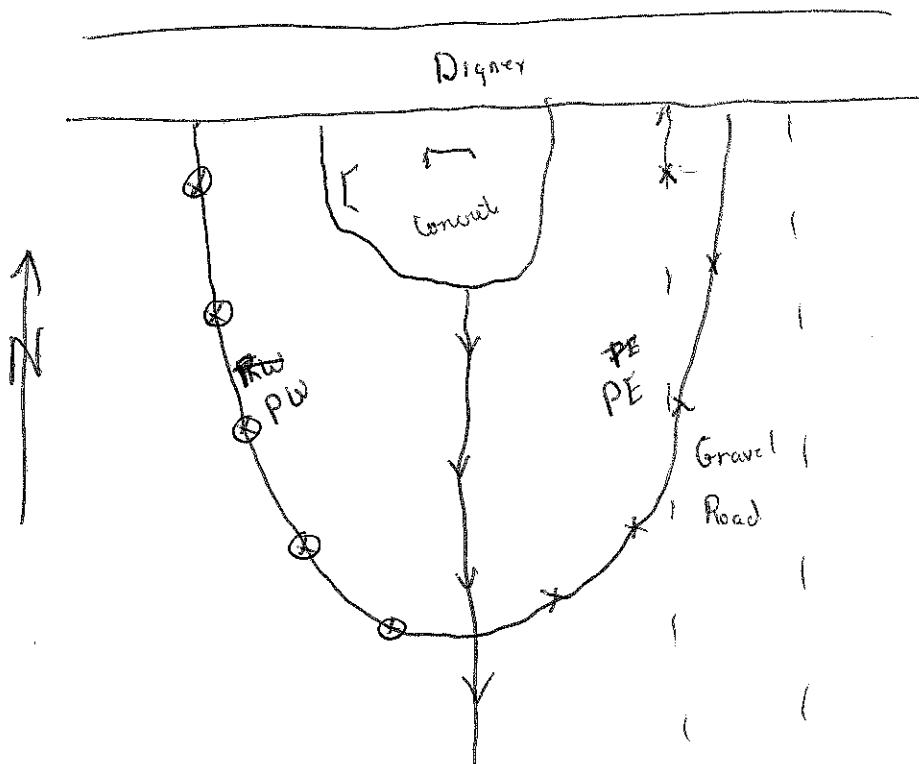
Lot Control#: \_\_\_\_\_

Comments: Field ID 183B22PW 0-1' bgs

Composite of 5 sample points

### Sketch Location:

⊗ = sample location



Logged BY / Date: MML 2 June 10

Reviewed BY / Date: Emily Cameron 6/17/10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

REA / COC Number: PEF06092010-S-ELAB

Location Code: **E183-CS17**

Task: **118166**

Sample Number: **PEF0019**

Collection Date: 3 June 10

Sample Name: **E183-CS17-DS-PEF0019-REG**

Collection Time: 0820

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MR/RR/JG

(TB)

(ER)

(FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

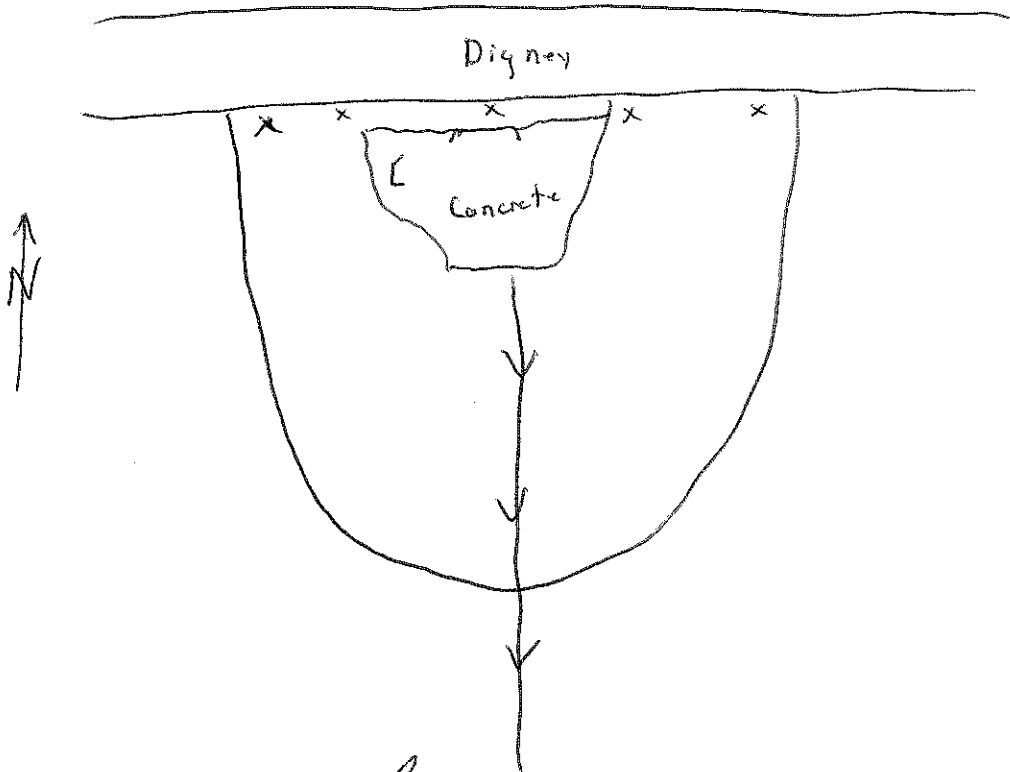
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID 183B22PN 0-1, 5 pt. composite

### Sketch Location:

X = sample location



Logged BY / Date: MR/RR 30 June 10

Reviewed BY / Date: Em [Signature] 6/17/10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF00120105ELAB

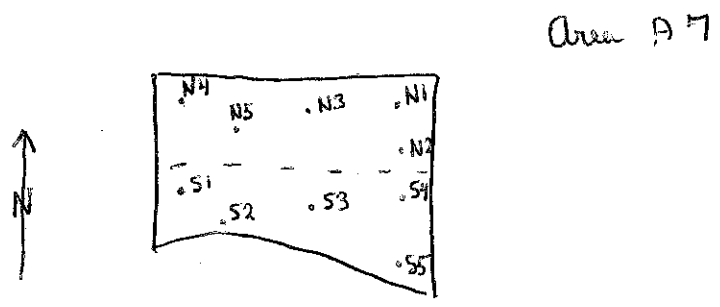
Location Code: **E183-CS19**  
 Sample Number: **PEF0021**  
 Sample Name: **E183-CS19-DS-PEF0021-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 6/8/10  
 Collection Time: 13:00  
 Start Depth: 1' <sup>EGS</sup>  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: MMA/ETM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID: 183- A07TN N1 - N5  
Composite of 5 sample points

**Sketch Location:**



Logged BY / Date: MML 8 June 10

Reviewed BY / Date: Em Jones 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF00022-010-S-SLAB

Location Code: **E183-CS20**

Task: **118166**

Sample Number: **PEF0022**

Collection Date: 6/10/10

Sample Name: **E183-CS20-DS-PEF0022-REG**

Collection Time: 11:20

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MMB / <sup>VB</sup> EMM

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

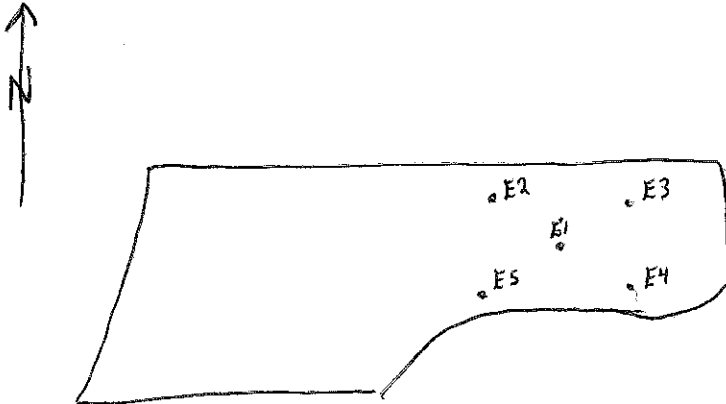
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID: 183-B16TE  
Composite of 5 sample locations

**Sketch Location:**



Area B16

Logged BY / Date: MMB 10 June 10

Reviewed BY / Date: Emily Cameron 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06112010-S-ELAB

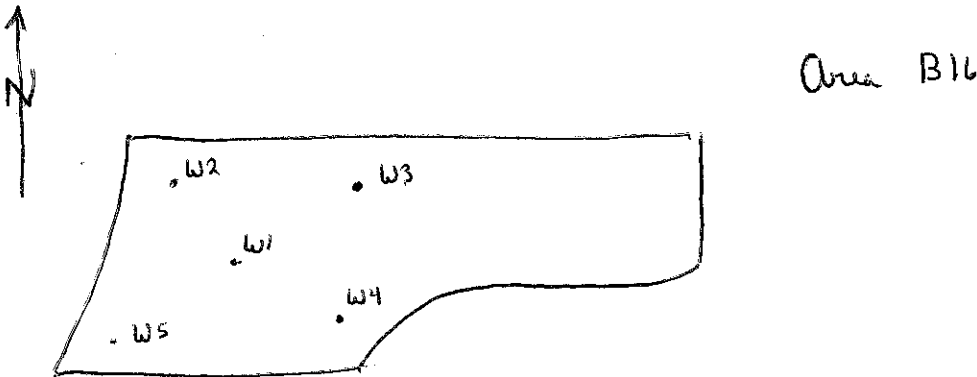
Location Code: **E183-CS21** Task: **118166**  
 Sample Number: **PEF0023** Collection Date: 6/10/10  
 Sample Name: **E183-CS21-DS-PEF0023-REG** Collection Time: 11:40  
 Sampling Method: **HA** Start Depth: 0' bgs  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 2'  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: (TB) (ER) (FB) Sample Team: MMB/VB

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID: 183-B16TW  
Composite of 5 sample points

**Sketch Location:**



Logged BY / Date: MMB 10 June 10

Reviewed BY / Date: Emily Dawson 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06112010-SELAB

Location Code: **E183-CS22**  
 Sample Number: **PEF0024**  
 Sample Name: **E183-CS22-DS-PEF0024-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners:  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

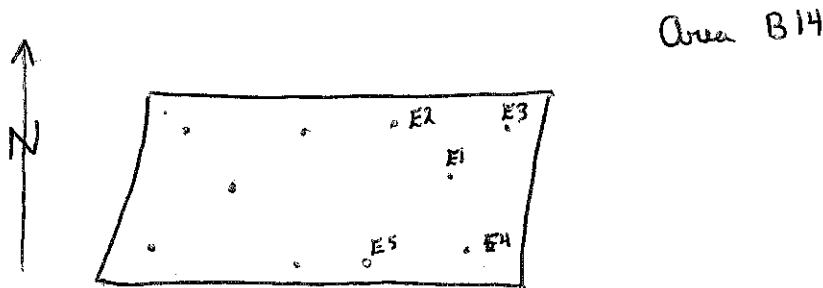
Task: **118166**  
 Collection Date: 6/10/10  
 Collection Time: 14:00  
 Start Depth: 1' BSS  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: MMB/VB

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID: # 183-B14TE  
Composite of 5 sample points

**Sketch Location:**



Logged BY / Date: M. Miller 10 June 10

Reviewed BY / Date: Erin Cameron 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06112010-S-ELAB

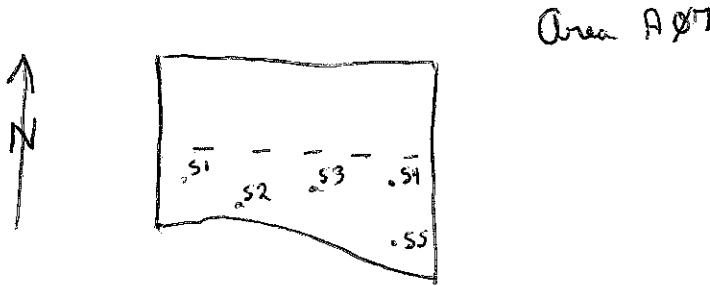
Location Code: **E183-CS23**  
 Sample Number: **PEF0025**  
 Sample Name: **E183-CS23-DS-PEF0025-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 6/8/10  
 Collection Time: 11:40  
 Start Depth: 1' BSS  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: MMB / EMM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID: 183-AØ7TS  
Composite of 5 sample points

**Sketch Location:**



Logged BY / Date: MMB 8 June 10

Reviewed BY / Date: Emmanuel 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF0026-12010-SELAB

Location Code: **E183-CS23**

Task: **118166**

Sample Number: **PEF0026**

Collection Date: 6/8/10

Sample Name: **E183-CS23-DS-PEF0026-FD**

Collection Time: 11:40

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **FD**

End Depth: 2'

Sampling Equip: 7-laned analyzer

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MMH/EM

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

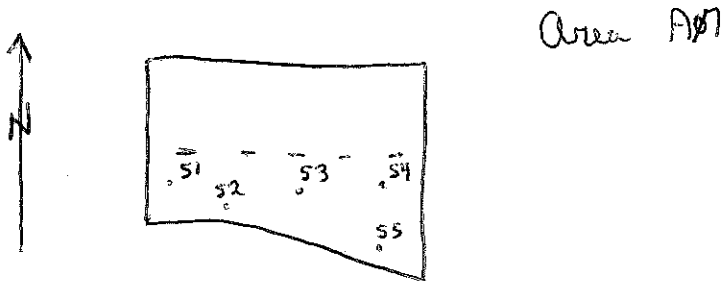
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID: 183-A07TS  
Composite of 5 sample points

Sketch Location:



Logged BY / Date: MMH 8 June 10

Reviewed BY / Date: Eric Cameron 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06112010-S-ELAB

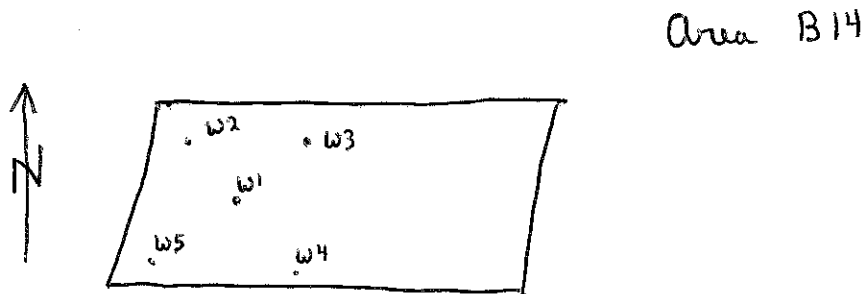
Location Code: **E183-CS24**  
 Sample Number: **PEF0027**  
 Sample Name: **E183-CS24-DS-PEF0027-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 6/10/10  
 Collection Time: 14:55  
 Start Depth: 1' bss  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: MM/VB

Analytical Suite	Containers				Units	Type
	Flt	Ertn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: Field ID: 183 - B14 TW  
Composite of 5 sample points

**Sketch Location:**



Logged BY / Date: MM 10 June 10

Reviewed BY / Date: Eric Jensen 6/17/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF06112010-S-LAB

Location Code: **E183-CS25**

Sample Number: **PEF0028**

Sample Name: **E183-CS25-DS-PEF0028-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6/10/10

Collection Time: 16:05

Start Depth: 1' bss

End Depth: 2'

Sample Matrix: **SOIL**

Sample Team: MJL/VB

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

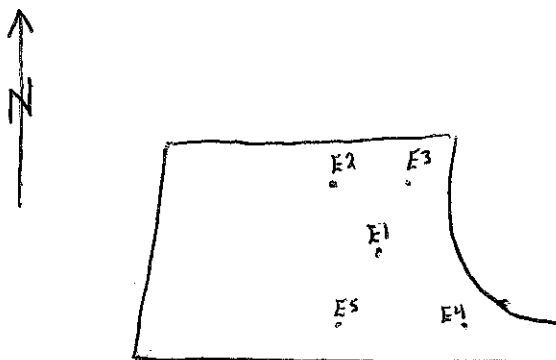
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID: 183-B13 TE  
Composite of 5 sample pts

Sketch Location:



Area B13

Logged BY / Date: M. J. L. 10 June 10

Reviewed BY / Date: Jim Jamison 6/11/10



# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF06112010-SLAB

Location Code: **E183-CS26**

Task: **118166**

Sample Number: **PEF0029**

Collection Date: 6/10/10

Sample Name: **E183-CS26-DS-PEF0029-REG**

Collection Time: 16:35

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2' bgs

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MR / VB

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

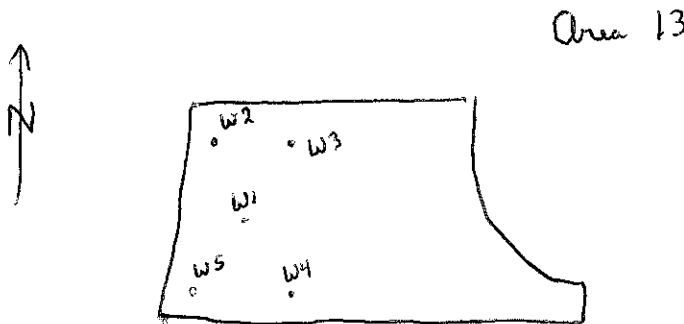
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: Field ID: 183-B13TW  
Composite of 5 sample points

Sketch Location:



Logged BY / Date: MRH 10 June 10

Reviewed BY / Date: Emily Dawson 6/17/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF06162010-5-E/46

Location Code: E183-CS27

Sample Number: PEF0030-MS

Sample Name: E183-CS27-DS-PEF0030-MS

Sampling Method: HA

Sample Type: DS

Sample Purpose: MS

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: 118166 7

Collection Date: 6-14-10

Collection Time: 1600 1405

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: SOIL

Sample Team: MM

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

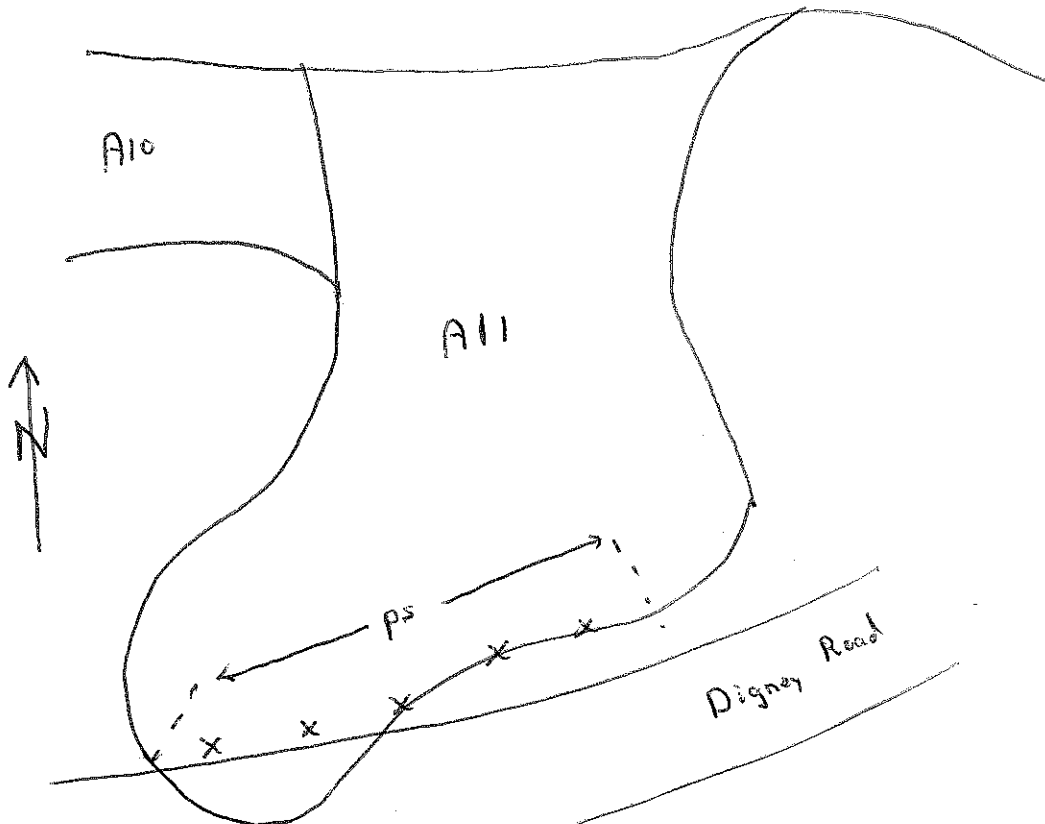
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: All PS  
183-AD2 Pw 0-1  
Composite of 5 sample points

### Sketch Location:



Logged BY / Date: MM 7 June 10

Reviewed BY / Date: BE 6/16/10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06162010-S-E1ab

Location Code: **E183-CS27**

Task: **118166**

Sample Number: **PEF0030-MSD**

Collection Date: 6-7-10

Sample Name: **E183-CS27-DS-PEF0030-MSD**

Collection Time: 1405

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **MSD**

End Depth: 1' bgs

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MD

(TB) (ER) (FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

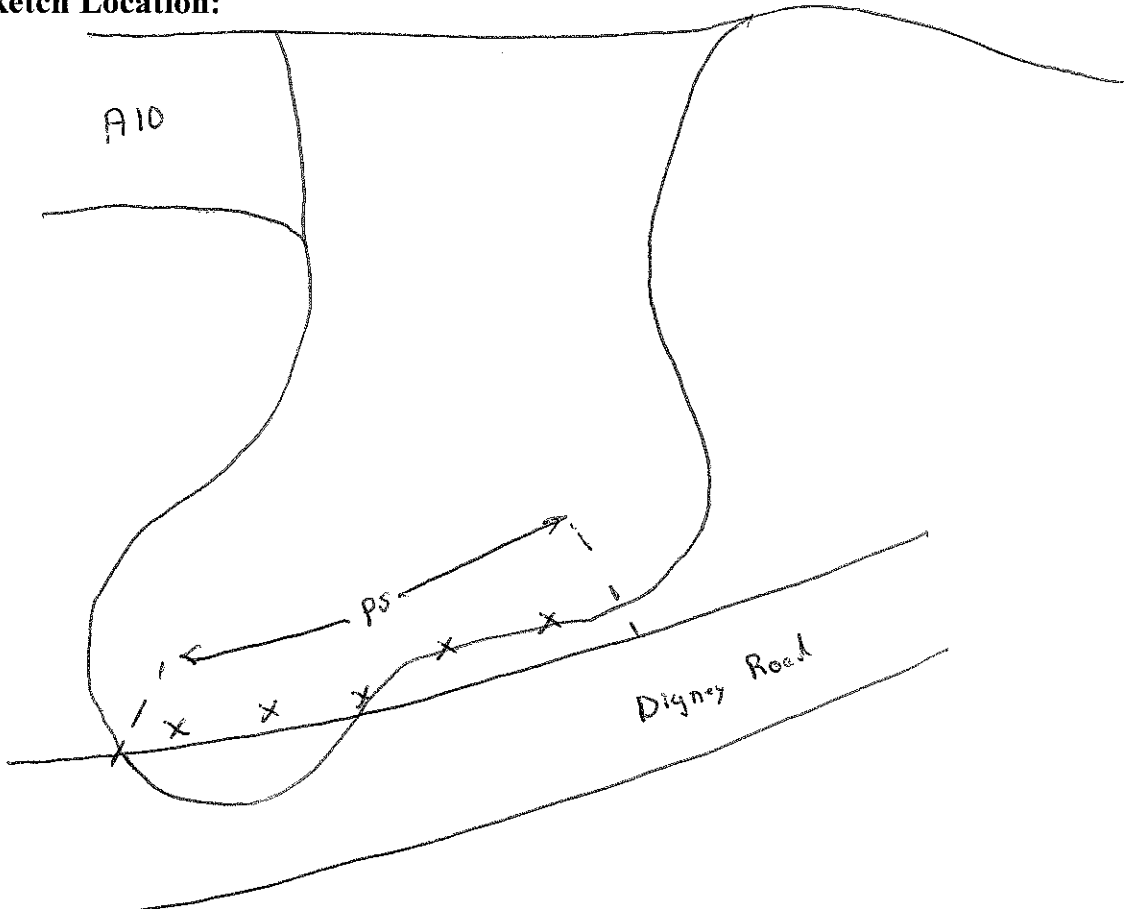
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A11PS 0-1'  
Composed of 5 sample points

### Sketch Location:



Logged BY / Date: MD 7 June 10

Reviewed BY / Date: BM 6/16/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF06162010-S-E1A6

Location Code: **E183-CS28**

Sample Number: **PEF0031**

Sample Name: **E183-CS28-DS-PEF0031-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-10-10

Collection Time: 1440

Start Depth: 0' DGS

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: MIC/ED

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

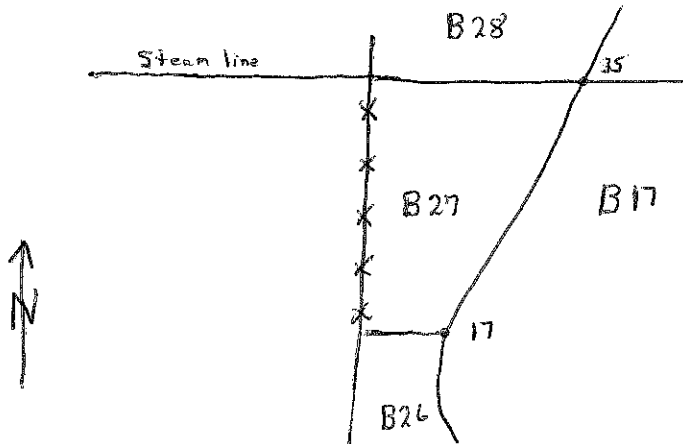
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B27PW 0-1  
Composite of 5 sample points

**Sketch Location:**



Logged BY / Date: M. Miller 10 June 10

Reviewed BY / Date: Bill 6/10/10



# Sample Collection Log

**118166 - Redstone- PBC**  
 Manager: Steve Moran

RFA / COC Number: PEF 06162010-S-E145

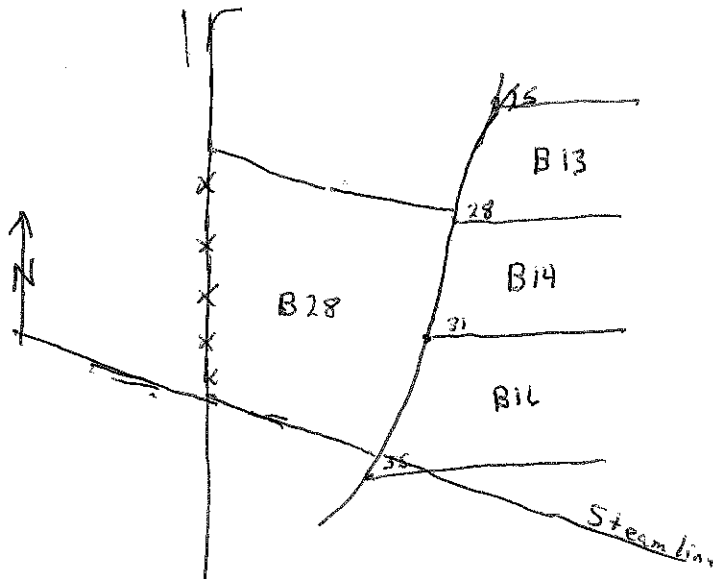
Location Code: **E183-CS29** Task: **118166**  
 Sample Number: **PEF0032** Collection Date: 6-10-10  
 Sample Name: **E183-CS29-DS-PEF0032-REG** Collection Time: 1450  
 Sampling Method: **HA** Start Depth: 0' bgs  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 1'  
 Sampling Equip: Flamed auger Sample Matrix: **SOIL**  
 QC Partners: (TB) (ER) (FB) Sample Team: MG/ED

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183-B28PW 0-1  
Composite of 5 sample points

**Sketch Location:**



Logged BY / Date: MJH 10 June 10

Reviewed BY / Date: BM 6/16/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF 0616 2010 - S - E146

Location Code: **E183-CS30**

Sample Number: **PEF0033**

Sample Name: **E183-CS30-DS-PEF0033-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-10-10

Collection Time: 1315

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: MMG

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

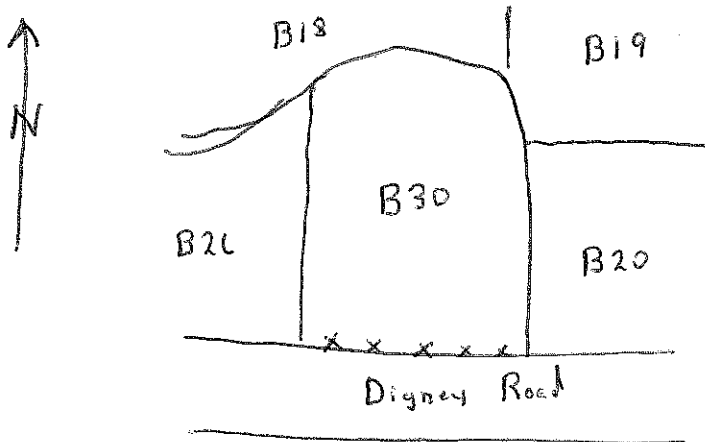
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B30PS 0-1  
Composite of 5 sample ptr

**Sketch Location:**



Logged BY / Date: M. Gels 10 Jun 10

Reviewed BY / Date: B. M 6/10/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF06162010-3-E1A6

Location Code: E183-CS31

Task: 118166

Sample Number: PEF0034

Collection Date: 6-10-10

Sample Name: E183-CS31-DS-PEF0034-REG

Collection Time: 1330

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: MMG/ED

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

ERPIMS Values:

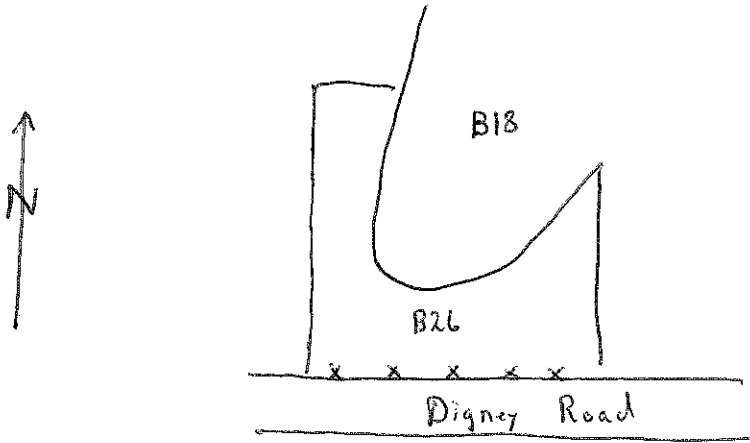
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B26PS 0-1  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: MMG 10 June 10

Reviewed BY / Date: RM 6/16/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF06162010-5-E196

Location Code: **E183-CS33**

Task: **118166**

Sample Number: **PEF0036**

Collection Date: 6-10-10

Sample Name: **E183-CS33-DS-PEF0036-REG**

Collection Time: 1600

Sampling Method: **HA**

Start Depth: 0' bgn

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Handed auger

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(FB)

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

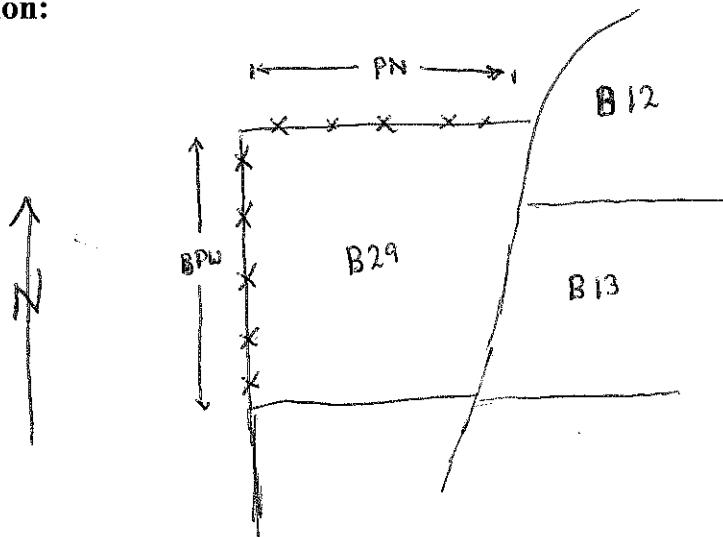
ERPIMS Values:

Sacode:

Lot Control#:

Comments: 183-B29PN 0-1  
Composite sample from 5 pts

### Sketch Location:



Logged BY / Date: M. Miller 10 June 10

Reviewed BY / Date: RM 6/16/10





# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF 06/16/2010-S-E/MS

Location Code: E183-CS33

Task: 118166

Sample Number: PEF0037

Collection Date: 6-10-10

Sample Name: E183-CS33-DS-PEF0037-FD

Collection Time: 1600

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: DS

Sample Purpose: FD

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: RR/JG

(TB) (ER) (FB)

### Containers

ERPIMS Values:

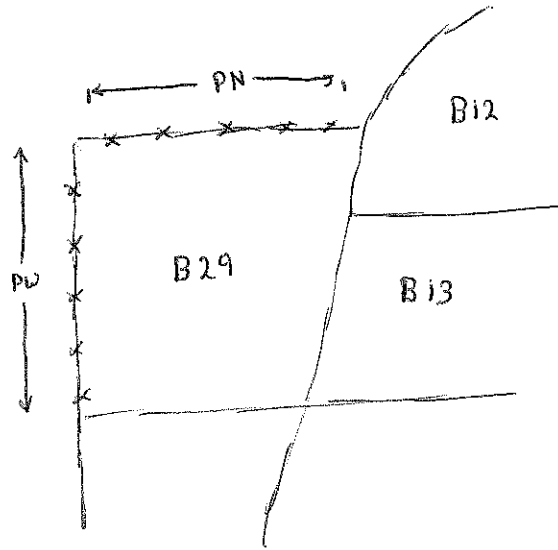
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B29 PN 0-1  
Composite sample from 5 pts

### Sketch Location:



Logged BY / Date: M. H. 10 June 10

Reviewed BY / Date: Bill 6/16/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF06162010-S-E1.4b

Location Code: **E183-CS34**

Task: **118166**

Sample Number: **PEF0038**

Collection Date: 6-10-10

Sample Name: **E183-CS34-DS-PEF0038-REG**

Collection Time: 1530

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/ED

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

ERPIMS Values:

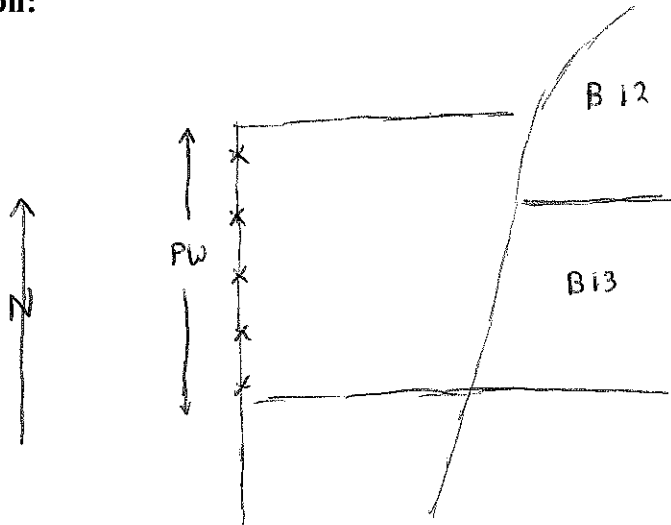
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B29PW 0-1  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: M. G. 10 June 10

Reviewed BY / Date: R. H. 6/16/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06162010-S-E146

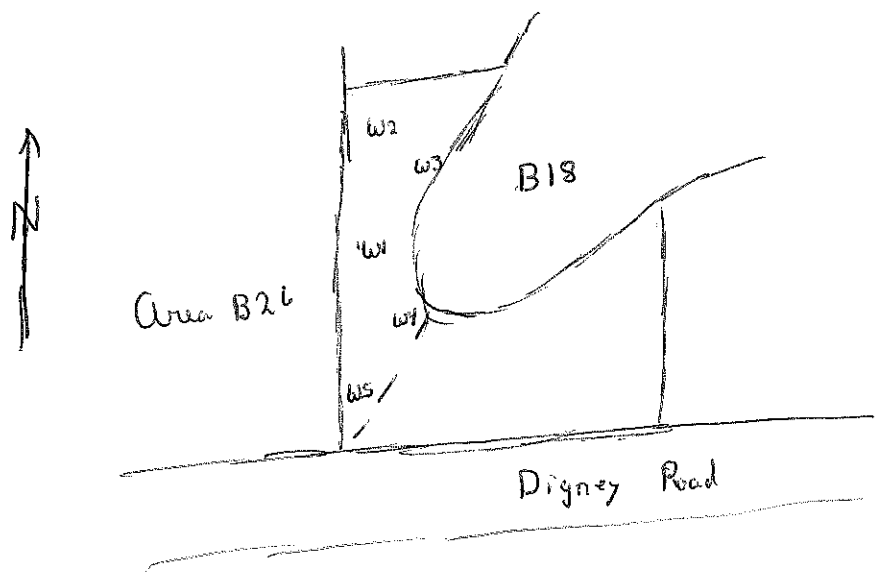
Location Code: **E183-CS35** Task: **118166**  
 Sample Number: **PEF0039** Collection Date: 6-14-10  
 Sample Name: **E183-CS35-DS-PEF0039-REG** Collection Time: 1125  
 Sampling Method: **HA** Start Depth: 1' bgs  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 2'  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: RR/JG/OA/VB  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183-B26TW 1-2  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. J. [unclear] 14 June 10 Reviewed BY / Date: B-M 6/16/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06162010-5-E1A6

Location Code: **E183-CS36**

Task: **118166**

Sample Number: **PEF0040**

Collection Date: 6-14-10

Sample Name: **E183-CS36-DS-PEF0040-REG**

Collection Time: 1430

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Sample Team: BR/JL/OA/VD

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWVG

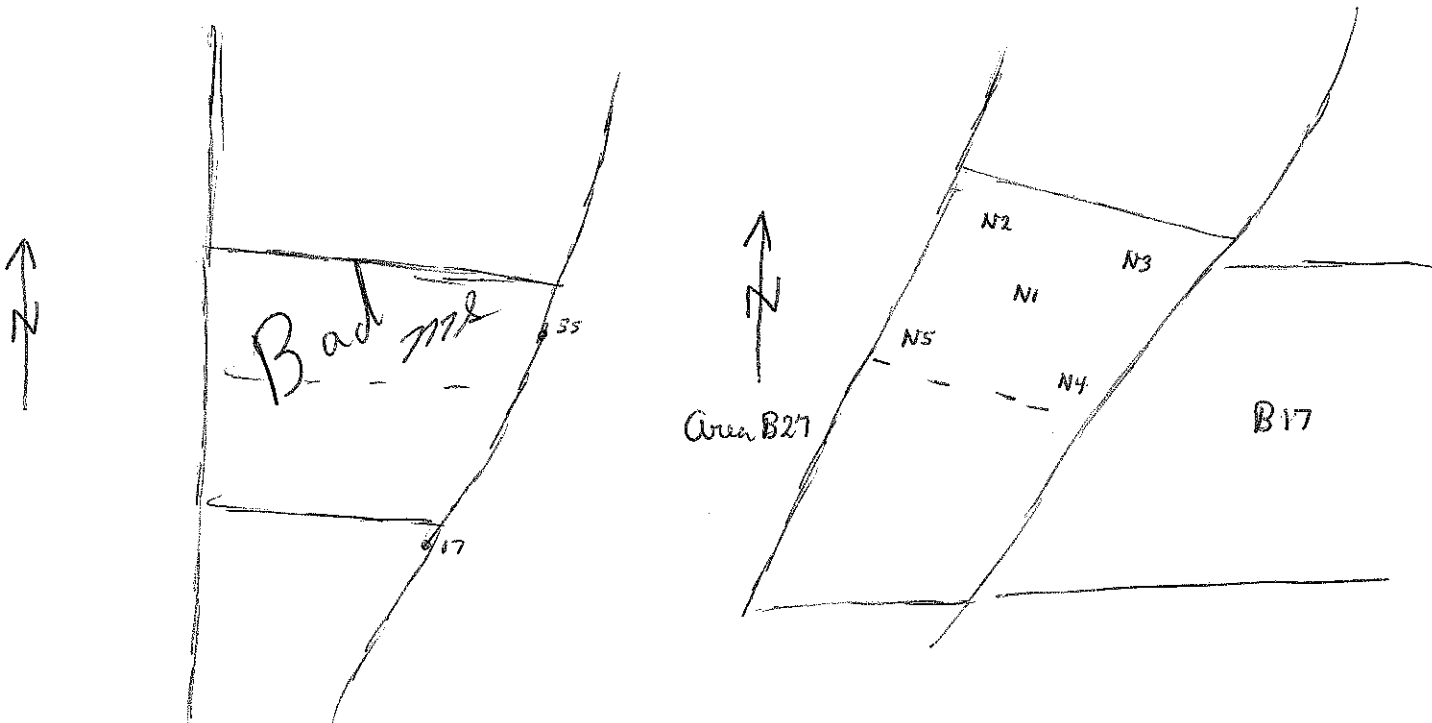
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B27TN 1-2  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. G. 14 June 10

Reviewed BY / Date: R.A. 6/16/10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06162010-S-E/AB

Location Code: **E183-CS37**

Task: **118166**

Sample Number: **PEF0041**

Collection Date: 6-14-10

Sample Name: **E183-CS37-DS-PEF0041-REG**

Collection Time: 1315

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(FB)

Sample Team: RR/JG/OA/VD

### Containers

ERPIMS Values:

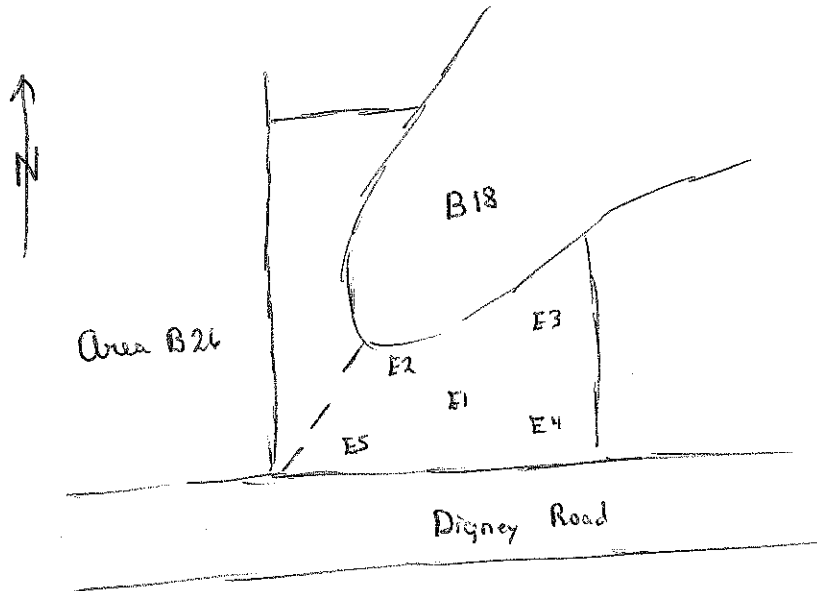
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B26TE 1-2'  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: M. Heli 14 June 10

Reviewed BY / Date: B. Heli 6/16/10



# Sample Collection Log

**118166 - Redstone- PBC**  
 Manager: Steve Moran

RFA / COC Number: PEF06162010-5-Elab

Location Code: **E183-CS38**

Task: **118166**

Sample Number: **PEF0042**

Collection Date: 6-14-10

Sample Name: **E183-CS38-DS-PEF0042-REG**

Collection Time: 1350

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Flamed auger

Sample Matrix: **SOIL**

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Sample Team: RR/JC/OA/VB

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

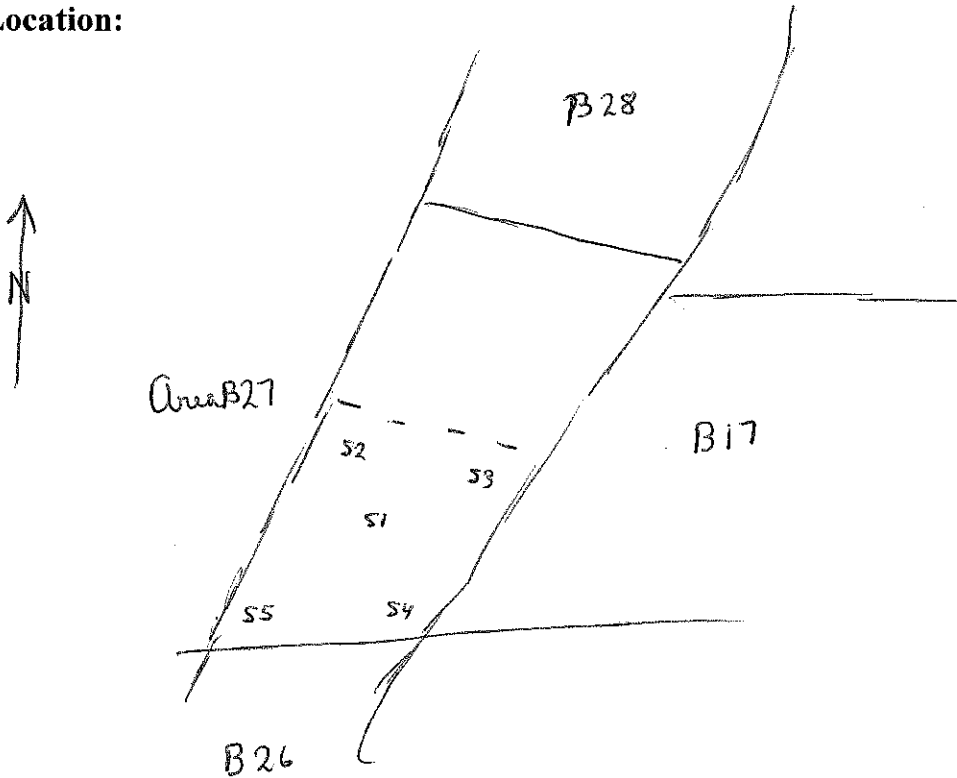
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B27TS 1-2  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: \_\_\_\_\_

Reviewed BY / Date: Bill 6/16/10



# Sample Collection Log

**118166 - Redstone- PBC**  
 Manager: Steve Moran

RFA / COC Number: PEF 0616 2000-S-E196

Location Code: **E183-CS39**  
 Sample Number: **PEF0043**  
 Sample Name: **E183-CS39-DS-PEF0043-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

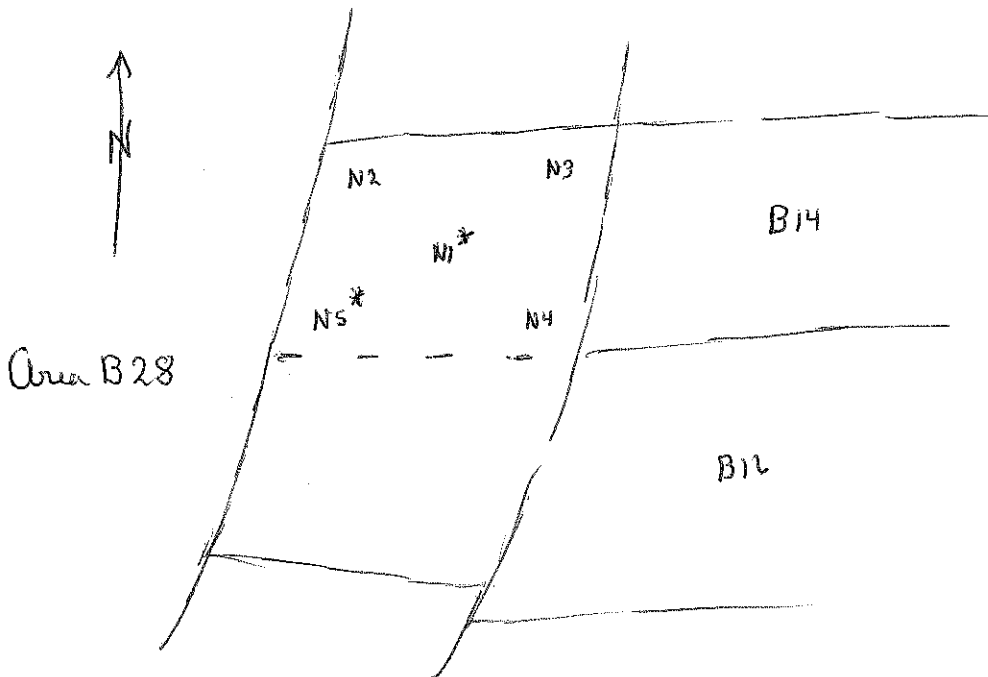
Task: **118166**  
 Collection Date: 6-14-10  
 Collection Time: 1540  
 Start Depth: 1' bgs  
 End Depth: 2' bgs  
 Sample Matrix: **SOIL**  
 Sample Team: RR/JG/OA/VB

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: <sup>183</sup> **B28TN**  
Composite of 3 sample points, \*refused in N1 and N5 @ 1'.

**Sketch Location:**



Logged BY / Date: M. G. H.

Reviewed BY / Date: Bill 6/16/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 06162010-5-E1A6

Location Code: **E183-CS40**

Task: **118166**

Sample Number: **PEF0044**

Collection Date: 6-14-10

Sample Name: **E183-CS40-DS-PEF0044-REG**

Collection Time: 1500

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JC/PA/VB

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

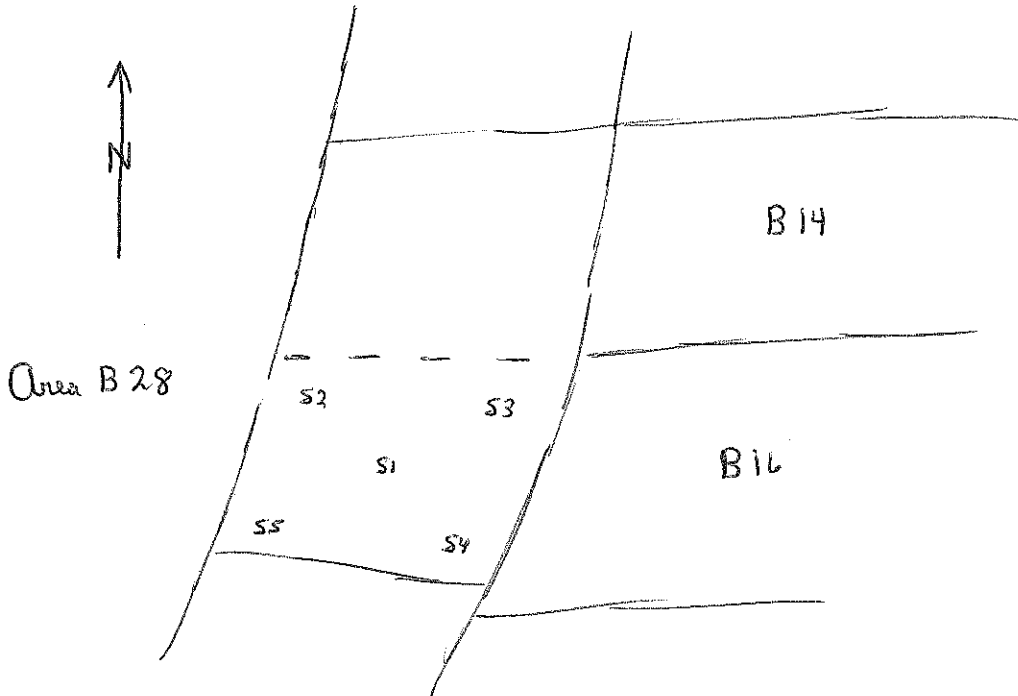
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B28TS 1-2  
Composed of 5 sample pts

### Sketch Location:



Logged BY / Date: M. Kelly 14 June 10

Reviewed BY / Date: B-H 6/16/10



# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF 06162010-S-E1A6

Location Code: **E183-CS41**

Task: **118166**

Sample Number: **PEF0045**

Collection Date: 6-14-10

Sample Name: **E183-CS41-DS-PEF0045-REG**

Collection Time: 1050

Sampling Method: **HA**

Start Depth: 1'

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Sample Team: RR/JG/OA/VB

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

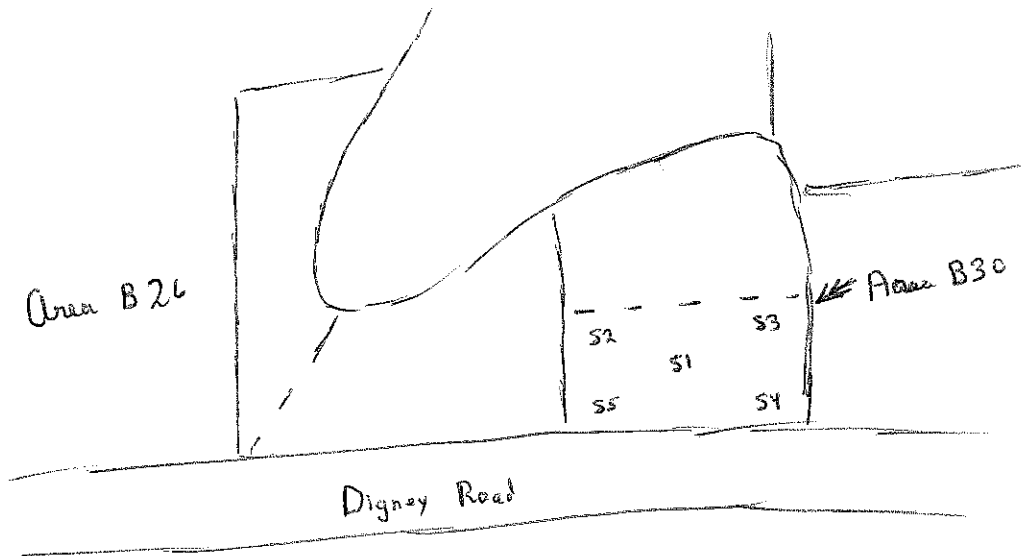
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B30TS 1-2'  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. G. H. 14 June 10

Reviewed BY / Date: B. H. 6/16/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF06162010-S-E1A6

Location Code: **E183-CS42**

Task: **118166**

Sample Number: **PEF0046**

Collection Date: 6-14-10

Sample Name: **E183-CS42-DS-PEF0046-REG**

Collection Time: 1020

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JC/OA/VB

(TB)

(ER)

(FB)

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

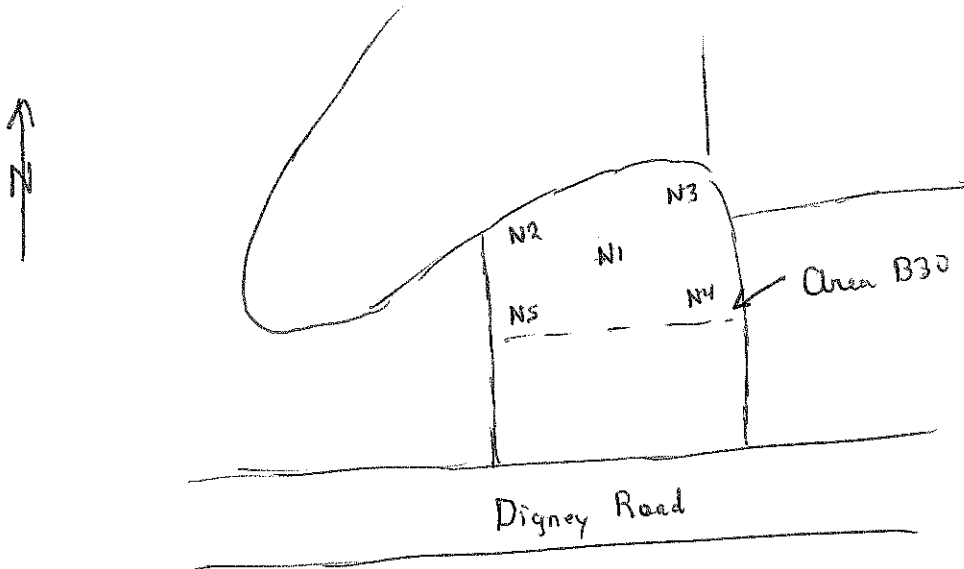
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B30TN 1-2

Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. G. L. 14 June 10

Reviewed BY / Date: Bill G. 16/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06182010-S-E1a6

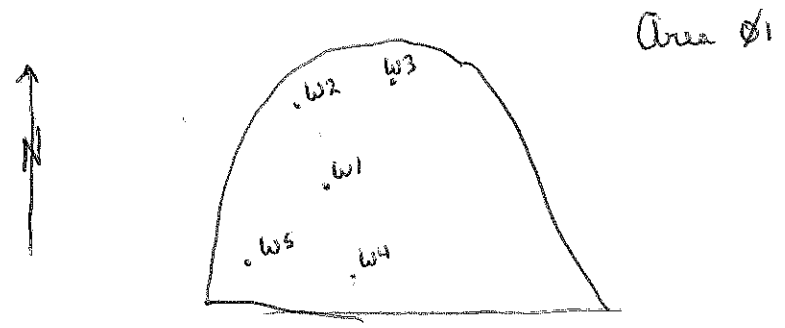
Location Code: **E183-CS43** Task: **118166**  
 Sample Number: **PEF0047** Collection Date: 17 June 10  
 Sample Name: **E183-CS43-DS-PEF0047-REG** Collection Time: 0930 0915  
 Sampling Method: **HA** Start Depth: 1  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 2  
 Sampling Equip: 7" hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: RR/JG  
 (TB) (ER) (FB)

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183A(1) TEU 1-2  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. Dele 17 June 10 Reviewed BY / Date: Bill 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06182010-5-Elab

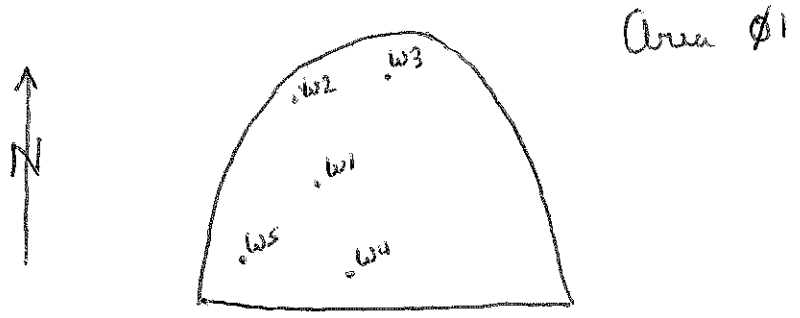
Location Code: **E183-CS43** Task: **118166**  
 Sample Number: **PEF0048** Collection Date: 17 June 10  
 Sample Name: **E183-CS43-DS-PEF0048-FD** Collection Time: 0915  
 Sampling Method: **HA** Start Depth: 1  
 Sample Type: **DS** Sample Purpose: **FD** End Depth: 2  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: RR/JG  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183 AØITW 1-2  
Composite of 5 sample pts

Sketch Location:



Logged BY / Date: M. G. 17 June 10 Reviewed BY / Date: Bill 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06182010-S-E1a5

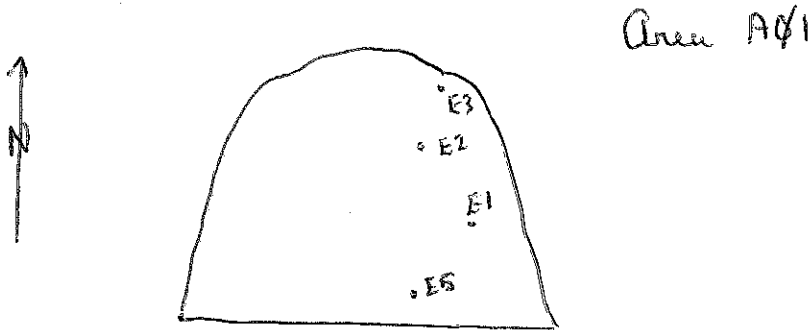
Location Code: **E183-CS44** Task: **118166**  
 Sample Number: **PEF0049** Collection Date: 17 June 10  
 Sample Name: **E183-CS44-DS-PEF0049-REG** Collection Time: 0930  
 Sampling Method: **HA** Start Depth: 1  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 2  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: RR/JC  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183 AØ1 TE 1-2'  
Composite of 4 sample pts - refused on E4

**Sketch Location:**



Logged BY / Date: M. Hill 17 June 10

Reviewed BY / Date: Bill 6/18/10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010 - S-E1a6

Location Code: **E183-CS45**

Task: **118166**

Sample Number: **PEF0050**

Collection Date: 16 June 10

Sample Name: **E183-CS45-DS-PEF0050-REG**

Collection Time: 1315

Sampling Method: **HA**

Start Depth: 1

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(FB)

Sample Team: RR/JG

### Containers

ERPIMS Values:

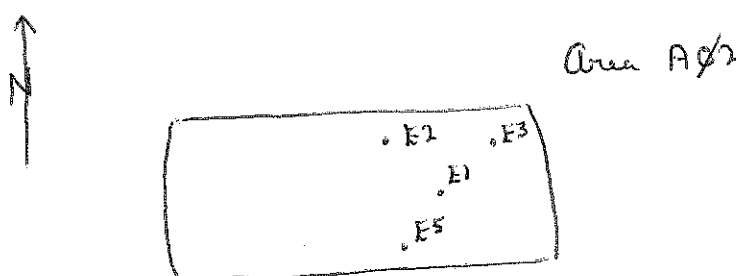
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183 AØ2 TE 1-2'  
Composite of 4 sample pts - refused @ E-4

### Sketch Location:



Logged BY / Date: M. Del 16 June 10

Reviewed BY / Date: Bill G. / 18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010 - S-EL16

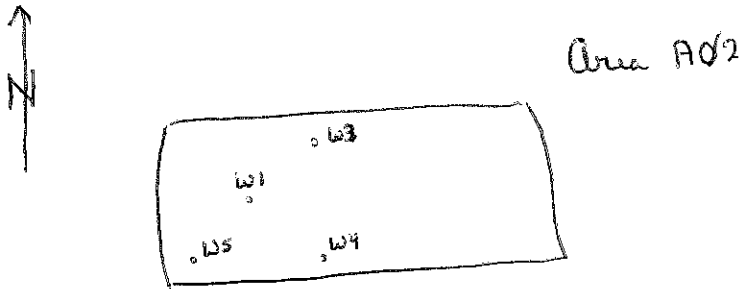
Location Code: **E183-CS46**  
 Sample Number: **PEF0051**  
 Sample Name: **E183-CS46-DS-PEF0051-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 16 June 10  
 Collection Time: 1250  
 Start Depth: 1'  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: RR/JG/OA/VB

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183 A02 T1W 1-2  
Composite of 4 sample pts - refused on W2

**Sketch Location:**



Logged BY / Date: M. G. [Signature] 16 June 10

Reviewed BY / Date: [Signature] 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06182010-S-E1ab

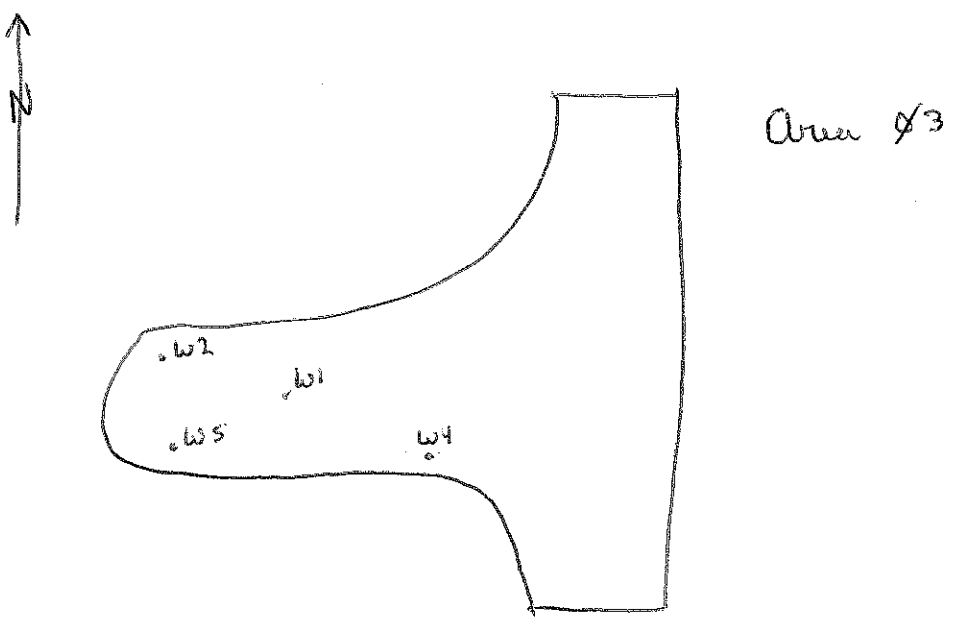
Location Code: **E183-CS47**  
 Sample Number: **PEF0052**  
 Sample Name: **E183-CS47-DS-PEF0052-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 16 June 10  
 Collection Time: 1110  
 Start Depth: 1  
 End Depth: 2  
 Sample Matrix: **SOIL**  
 Sample Team: RR/JG/OA/VB

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWVG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183 A#3 TW 1-2'  
Composite of 4 sample pts - refusal W3

**Sketch Location:**



Logged BY / Date: M. G. H. 16 June 10

Reviewed BY / Date: Bill G. P. / 16 June 10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E1A6

Location Code: **E183-CS47**  
 Sample Number: **PEF0052-MS**  
 Sample Name: **E183-CS47-DS-PEF0052-MS**  
 Sampling Method: **HA**  
 Sample Type: **DS**                      Sample Purpose: **MS**  
 Sampling Equip: Hand auger  
 QC Partners:  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

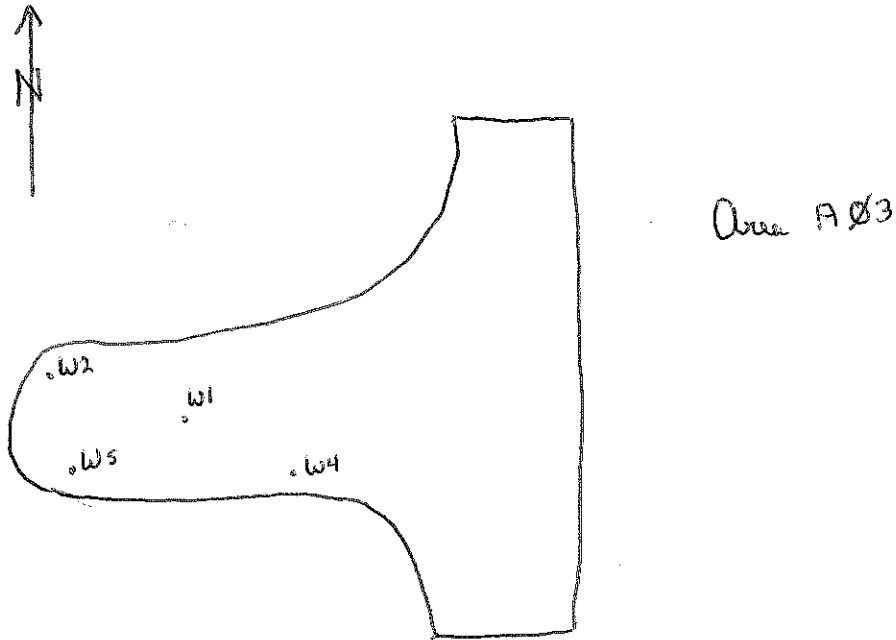
Task: **118166**  
 Collection Date: 16 June 10  
 Collection Time: 1110  
 Start Depth: 1'  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: RR/JC/OA/VB

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183 A03 TW 1-2  
Composite of 4 sample pts - refusal on W3

**Sketch Location:**



Logged BY / Date: MRJ 16 June 10

Reviewed BY / Date: Bill 6/18/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-Elab

Location Code: **E183-CS47**

Task: **118166**

Sample Number: **PEF0052-MSD**

Collection Date: 16 June 10

Sample Name: **E183-CS47-DS-PEF0052-MSD**

Collection Time: 1110

Sampling Method: **HA**

Start Depth: 1'

Sample Type: **DS**

Sample Purpose: **MSD**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RA/JV/OA/YB

(TB) (ER) (FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

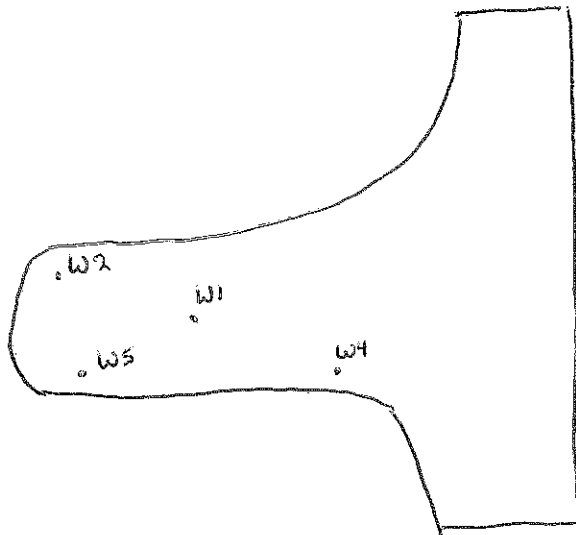
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183A03TW 1-2  
Composite of 4 sample pts - refused on W3

### Sketch Location:



Logged BY / Date: M. Moran 16 June 10

Reviewed BY / Date: Bill 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E196

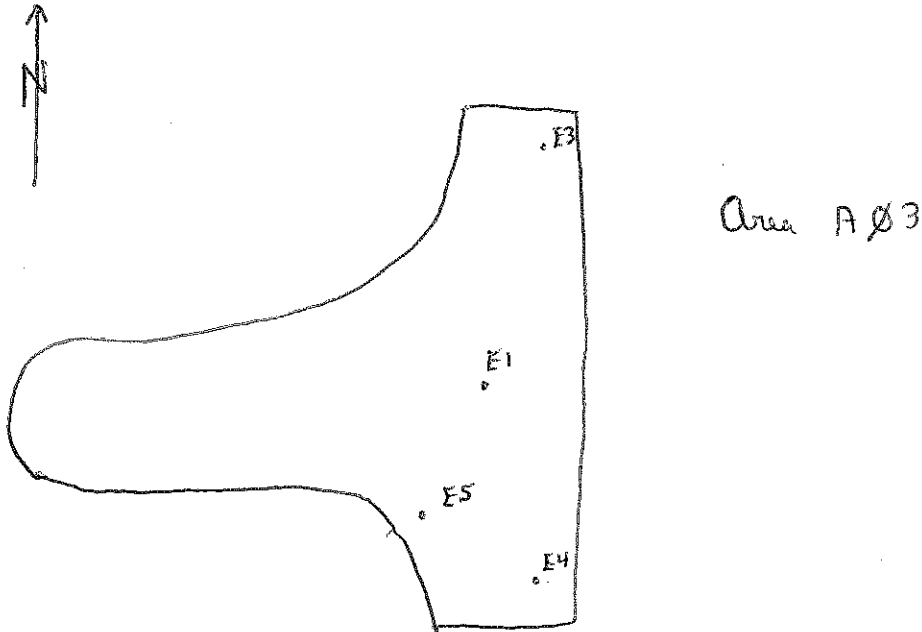
Location Code: **E183-CS48** Task: **118166**  
 Sample Number: **PEF0053** Collection Date: 16 June 10  
 Sample Name: **E183-CS48-DS-PEF0053-REG** Collection Time: 1055  
 Sampling Method: **HA** Start Depth: 1  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 2  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: RR/JC  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183 AØ3 TE 1-2  
Composite of 4 sample pts - refused on E2

**Sketch Location:**



Logged BY / Date: M. G. 16 June 10 Reviewed BY / Date: Bill 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF06182010-J-E195

Location Code: **E183-CS49**

Sample Number: **PEF0054**

Sample Name: **E183-CS49-DS-PEF0054-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 16 June 10

Collection Time: 12:15

Start Depth: 1

End Depth: 2

Sample Matrix: **SOIL**

Sample Team: RR/JG

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

Sacode: \_\_\_\_\_

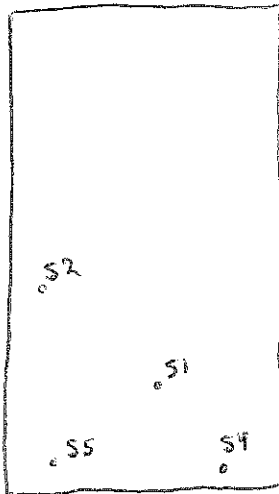
Lot Control#: \_\_\_\_\_

**Comments:**

183 A04TS 1-2'

Composite of 4 sample pts - refused on 5-3

**Sketch Location:**



Area A04

Logged BY / Date: MSH 16 June 10

Reviewed BY / Date: RR 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF 06182010 - S-E146

Location Code: **E183-CS50**

Task: **118166**

Sample Number: **PEF0055**

Collection Date: 16 June 10

Sample Name: **E183-CS50-DS-PEF0055-REG**

Collection Time: 1550

Sampling Method: **HA**

Start Depth: 1

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(FB)

Sample Team: RR/JC

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

Sacode: \_\_\_\_\_

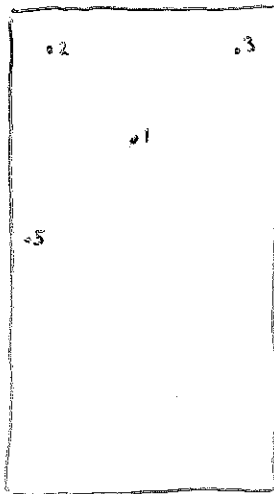
Lot Control#: \_\_\_\_\_

**Comments:**

183 A04TN 1-2'

Composite of 4 sample pts - refused in N4

**Sketch Location:**



Area A04

Logged BY / Date: M.H.L. 16 June 10

Reviewed BY / Date: Bill 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E146

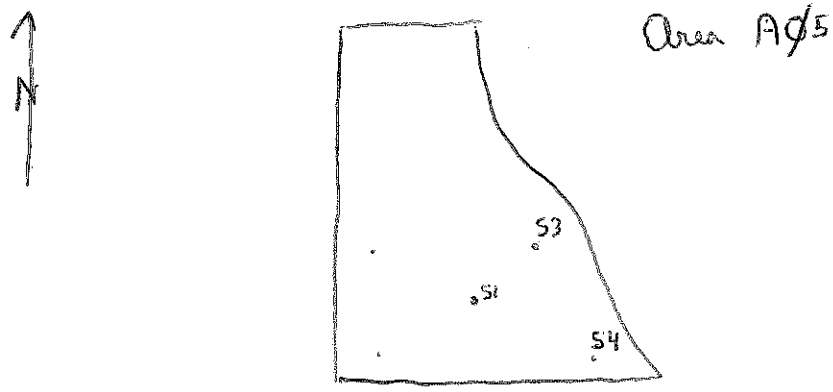
Location Code: **E183-CS51** Task: **118166**  
 Sample Number: **PEF0056** Collection Date: 17 June 10  
 Sample Name: **E183-CS51-DS-PEF0056-REG** Collection Time: 1040  
 Sampling Method: **HA** Start Depth: 1  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 2  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: BR/JC  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183 A0575 1-2'  
Composite of 3 sample pts - refusal in S2 and S5

**Sketch Location:**



Logged BY / Date: M. J. [Signature] 17 June 10 Reviewed BY / Date: Bill G. [Signature] 6/18/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF 06184010-5-ELAB

Location Code: E183-CS52

Task: 118166

Sample Number: PEF0057

Collection Date: 17 June 10

Sample Name: E183-CS52-DS-PEF0057-REG

Collection Time: 1025

Sampling Method: HA

Start Depth: 1'

Sample Type: DS

Sample Purpose: REG

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: RR / JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

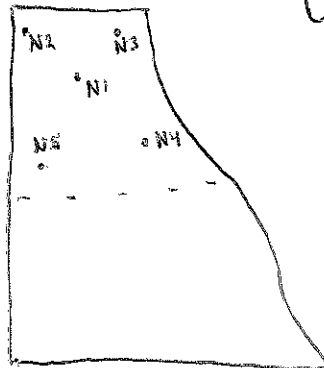
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183A05TN 1-2  
Composite of 5 sample points

### Sketch Location:



Area A05

Logged BY / Date: ZZZ 17 June 10

Reviewed BY / Date: Bill 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E146

Location Code: **E183-CS53**

Task: **118166**

Sample Number: **PEF0058**

Collection Date: 16 June 10

Sample Name: **E183-CS53-DS-PEF0058-REG**

Collection Time: 0820

Sampling Method: **HA**

Start Depth: 1'

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB)

(ER)

(FB)

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

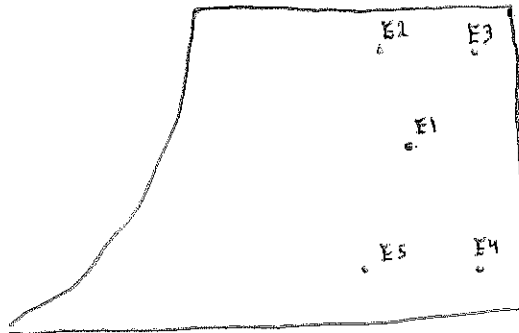
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183 AØ6 TE 1-2'  
Composite of 5 sample pts

**Sketch Location:**



Area AØ6

Logged BY / Date: M. Hill 16 June 10

Reviewed BY / Date: B. Hill 6/18/10



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E1A6

Location Code: **E183-CS53**

Task: **118166**

Sample Number: **PEF0059**

Collection Date: 16 June 10

Sample Name: **E183-CS53-DS-PEF0059-FD**

Collection Time: 0820

Sampling Method: **HA**

Start Depth: 1

Sample Type: **DS**

Sample Purpose: **FD**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR / JG

(TB)

(ER)

(FB)

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

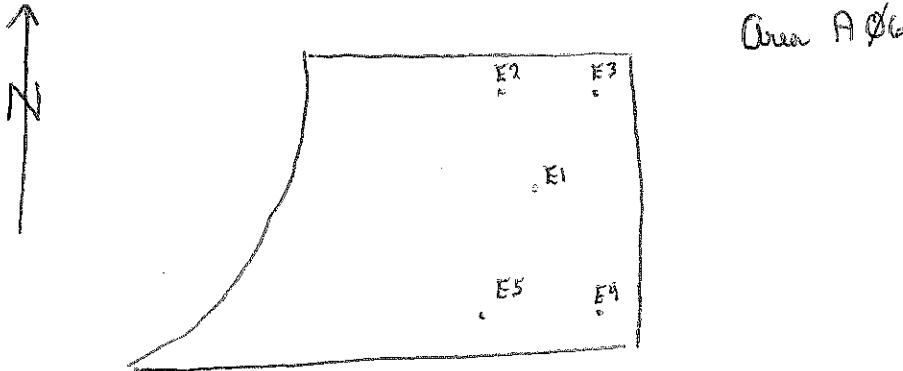
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183 A06 TE 1-2'  
Composite of 5 sample pls

**Sketch Location:**



Logged BY / Date: M. Moran 16 June 10

Reviewed BY / Date: RR 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010 - S-Elas

Location Code: **E183-CS54**

Task: **118166**

Sample Number: **PEF0060**

Collection Date: 15 June 10

Sample Name: **E183-CS54-DS-PEF0060-REG**

Collection Time: 0940

Sampling Method: **HA**

Start Depth: 1'

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

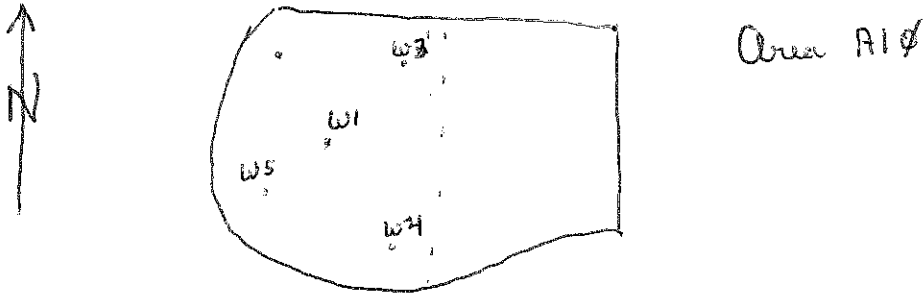
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183 A10 TW 1-2  
Composite of 4 sample pts - refused on W-2

**Sketch Location:**



Logged BY / Date: MM [Signature] 15 June 10

Reviewed BY / Date: Bill 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06182010-1-Elab

Location Code: **E183-CS55**

Task: **118166**

Sample Number: **PEF0061**

Collection Date: 16 June 10

Sample Name: **E183-CS55-DS-PEF0061-REG**

Collection Time: 0855

Sampling Method: **HA**

Start Depth: 1'

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

**Containers**

ERPIMS Values:

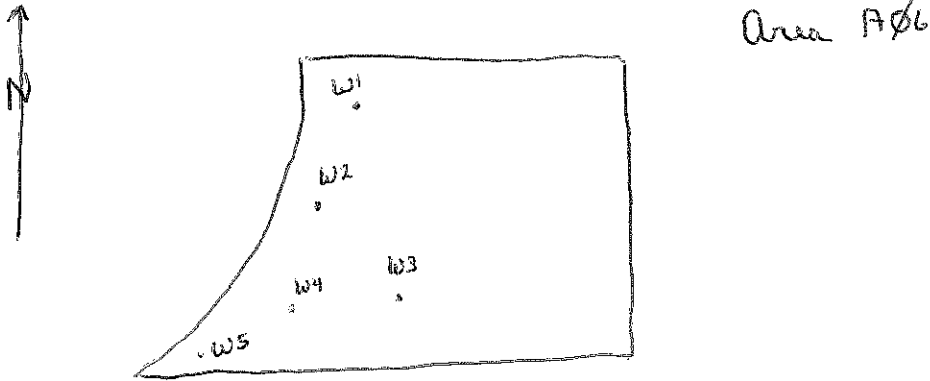
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183 A/C TW 1-2'  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. Mel 16 June 10

Reviewed BY / Date: Bill G/18/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E145

Location Code: **E183-CS56**

Task: **118166**

Sample Number: **PEF0062**

Collection Date: 15 June 10

Sample Name: **E183-CS56-DS-PEF0062-REG**

Collection Time: 1010

Sampling Method: **HA**

Start Depth: 1'

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Wamel auger

Sample Matrix: **SOIL**

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_ Sample Team: RR / JG

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

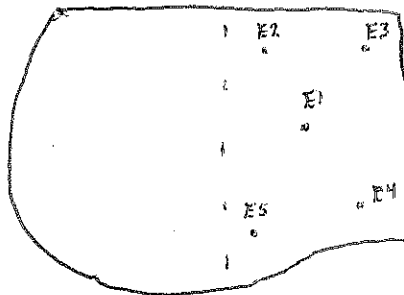
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183 A10 TE 1-2  
Composite of 5 sample pts

**Sketch Location:**



Area A10

Logged BY / Date: MM Galt 15 June 10

Reviewed BY / Date: Bill 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E1A6

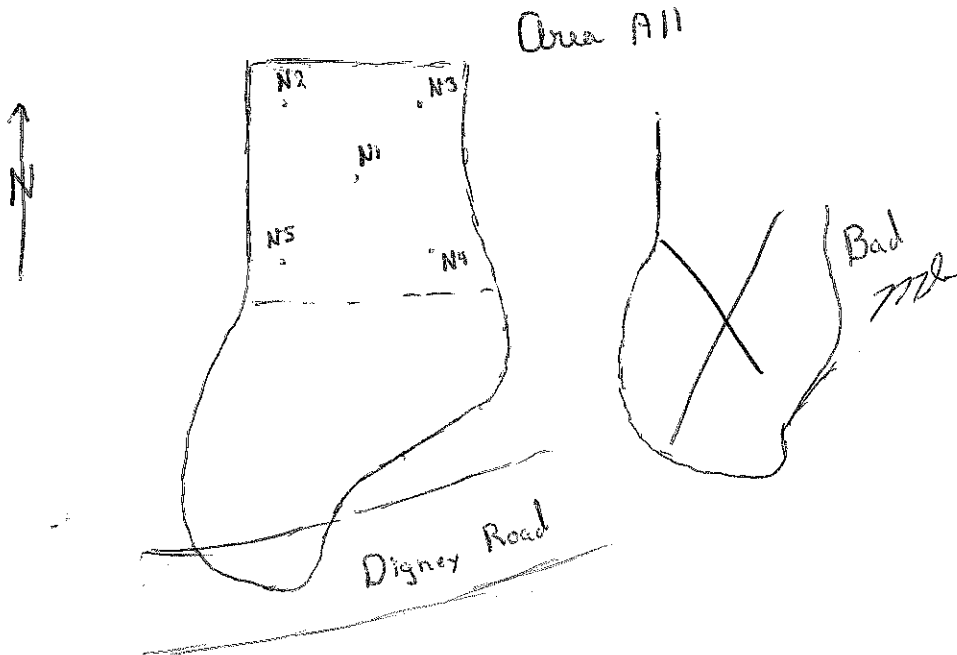
Location Code: **E183-CS57**  
 Sample Number: **PEF0063**  
 Sample Name: **E183-CS57-DS-PEF0063-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 6-15-10  
 Collection Time: 1230  
 Start Depth: 1' bgs  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: RR / JG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183-A11-TN @ 1-2'  
Composite of sample 5 pts

**Sketch Location:**



Logged BY / Date: M. G. 15 June 10

Reviewed BY / Date: R-U 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E/46

Location Code: **E183-CS58**

Task: **118166**

Sample Number: **PEF0064**

Collection Date: 6-15-10

Sample Name: **E183-CS58-DS-PEF0064-REG**

Collection Time: 1120

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JC

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

**Containers**

ERPIMS Values:

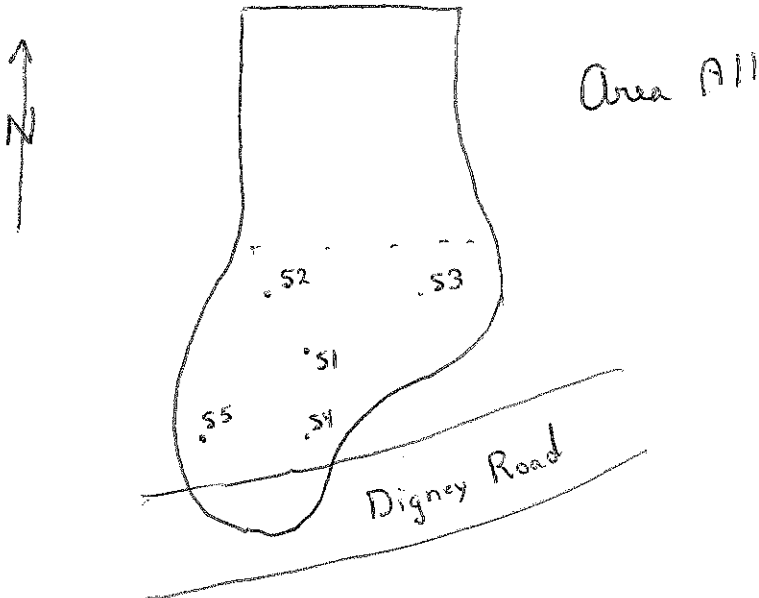
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A11-TS 1-2  
Composit sample of 5 pts

**Sketch Location:**



Logged BY / Date: M. J. Hill 15 June 10

Reviewed BY / Date: B-M 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E146

Location Code: **E183-CS59**

Task: **118166**

Sample Number: **PEF0065**

Collection Date: 6-14-10

Sample Name: **E183-CS59-DS-PEF0065-REG**

Collection Time: 1630

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

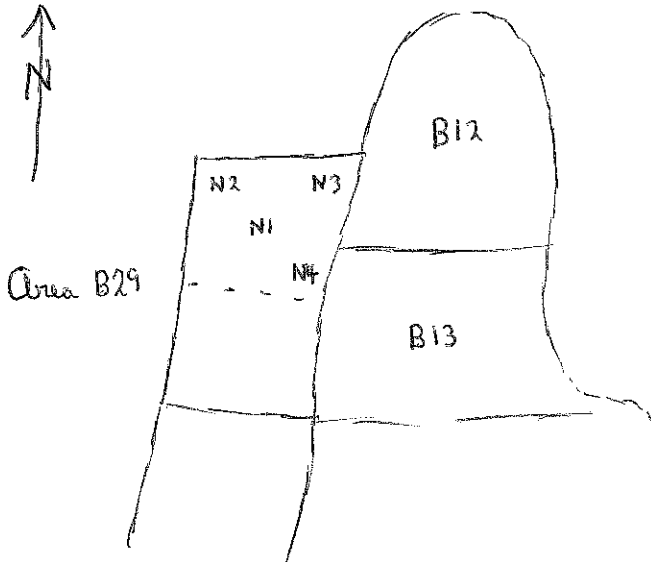
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B29-TN 1-2'  
Composite of 4 sample pts - refused on N5

**Sketch Location:**



Logged BY / Date: M. Miller 14 June 10

Reviewed BY / Date: B-M 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E146

Location Code: **E183-CS60**  
 Sample Number: **PEF0066**  
 Sample Name: **E183-CS60-DS-PEF0066-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**                      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners:  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

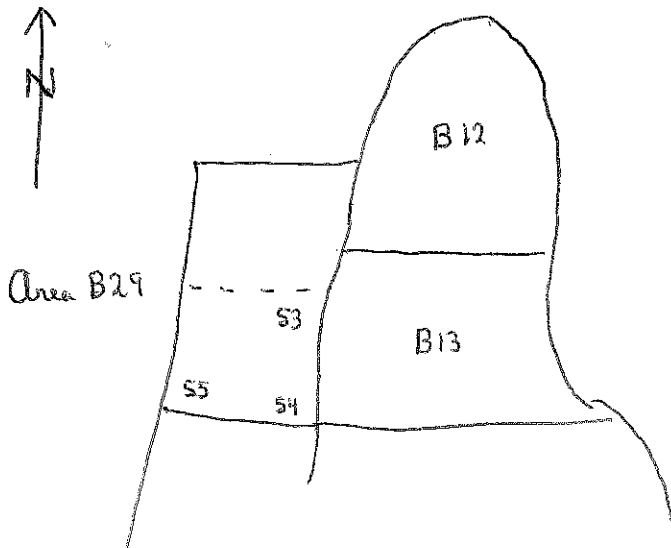
Task: **118166**  
 Collection Date: 6-14-10  
 Collection Time: 1555  
 Start Depth: 1' bgs  
 End Depth: 2'  
 Sample Matrix: **SOIL**  
 Sample Team: RR/JG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183-B29-T5 1-2  
Composite of 3 sample pts - refused @ S1 and S2

**Sketch Location:**



Logged BY / Date: M. Miller 14 June 10      Reviewed BY / Date: BEU 6/18/10





# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E146

Location Code: **E183-CS61**

Task: **118166**

Sample Number: **PEF0067**

Collection Date: 6-16-10

Sample Name: **E183-CS61-DS-PEF0067-REG**

Collection Time: 1435

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: OA/VB

(TB) (ER) (FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

Sacode: \_\_\_\_\_

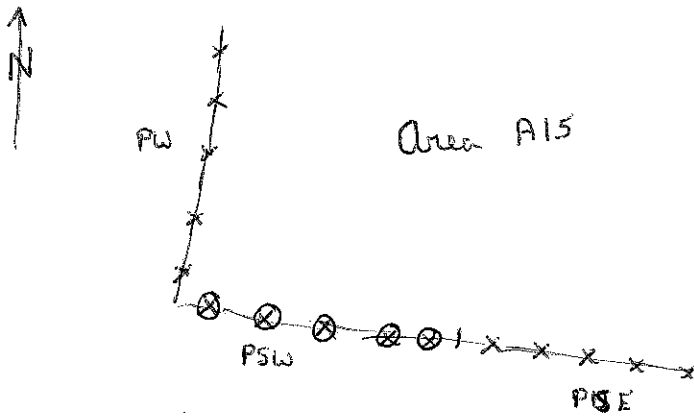
Lot Control#: \_\_\_\_\_

Comments: 183-A15-PSW 0-1

Composite of 5 sample pts

### Sketch Location:

⊗ = sample location



Logged BY / Date: MMH 16 June 10

Reviewed BY / Date: B-M 6/18/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E1A6

Location Code: **E183-CS62**

Task: **118166**

Sample Number: **PEF0068**

Collection Date: 6-16-10

Sample Name: **E183-CS62-DS-PEF0068-REG**

Collection Time: 0955

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: OA/YB

(TB) \_\_\_\_\_

(ER) \_\_\_\_\_

(FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

Sacode: \_\_\_\_\_

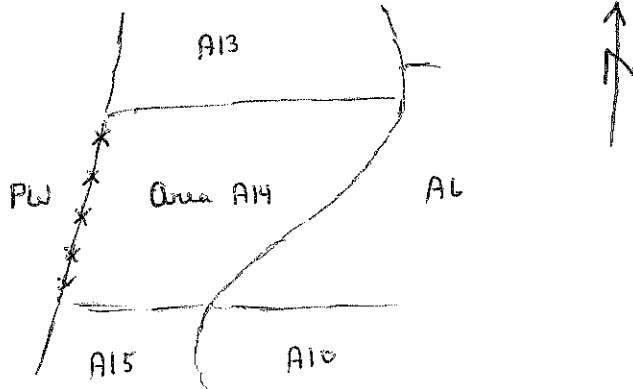
Lot Control#: \_\_\_\_\_

Comments: 143-A14-PW

5 pt. composite

### Sketch Location:

x = sample location



Logged BY / Date: M. Mills 16 June 10

Reviewed BY / Date: Bird 6/18/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E145

Location Code: E183-CS63

Task: 118166

Sample Number: PEF0069

Collection Date: 6-16-10

Sample Name: E183-CS63-DS-PEF0069-REG

Collection Time: 1420

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: OA / VB

(TB) (ER) (FB)

ERPIMS Values:

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

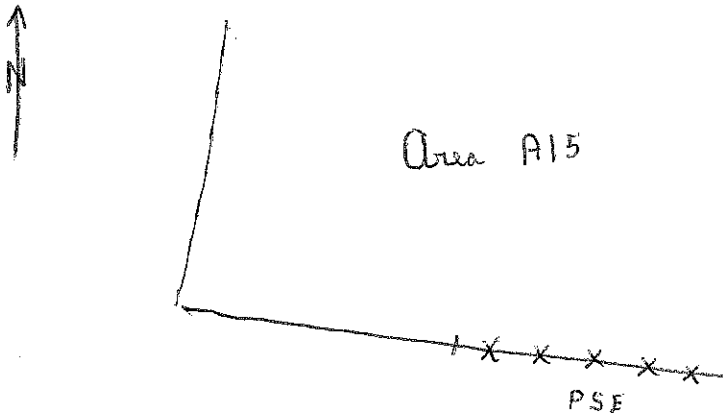
Sacode:

Lot Control#:

Comments: 183-A15-PSE 0-1  
Composite of 5 sample pts

### Sketch Location:

X=sample location



Logged BY / Date: M. G. 16 June 10

Reviewed BY / Date: B. U. 6/18/10



# Sample Collection Log

**118166 - Redstone- PBC**  
 Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E1A5

Location Code: **E183-CS63**  
 Sample Number: **PEF0070**  
 Sample Name: **E183-CS63-DS-PEF0070-FD**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **FD**  
 Sampling Equip: Wand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

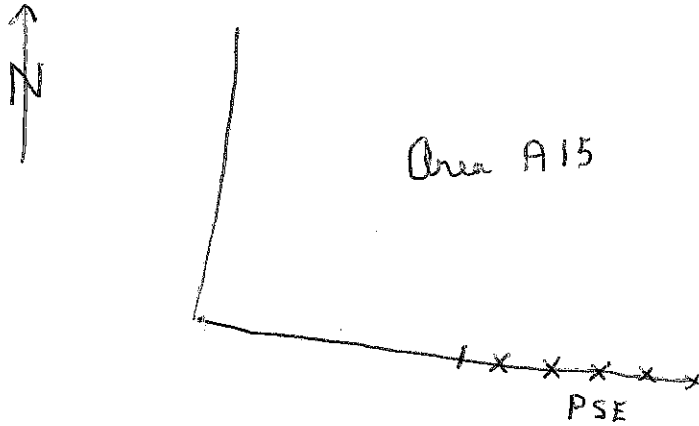
Task: **118166**  
 Collection Date: 6-16-10  
 Collection Time: 1420  
 Start Depth: 0' bgs  
 End Depth: 1'  
 Sample Matrix: **SOIL**  
 Sample Team: OA / VB

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183-A15-PSE 0-1  
Composite of 5 sample pts

Sketch Location:  
 X=sample location



Logged BY / Date: MMH 16 June 10

Reviewed BY / Date: RM 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E1A6

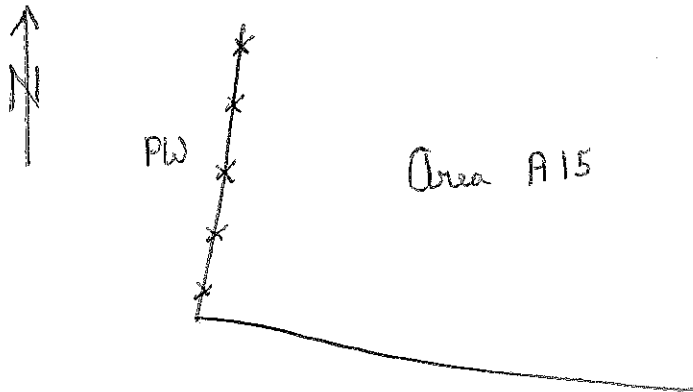
Location Code: **E183-CS64**  
 Sample Number: **PEF0071**  
 Sample Name: **E183-CS64-DS-PEF0071-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Sampling Equip: Hand auger  
 QC Partners: (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_  
 Task: **118166**  
 Collection Date: 6-16-10  
 Collection Time: 1335  
 Start Depth: 0' bgs  
 End Depth: 1'  
 Sample Matrix: **SOIL**  
 Sample Team: RR/JG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183 - A15 - PW  
5 pt. composite

**Sketch Location:**  
 x=sample location



Logged BY / Date: M. G. 16 June 10      Reviewed BY / Date: B-M 6/18/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 06182010 - S-E1A6

Location Code: **E183-CS65**

Task: **118166**

Sample Number: **PEF0072**

Collection Date: 6-16-10

Sample Name: **E183-CS65-DS-PEF0072-REG**

Collection Time: 0940

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

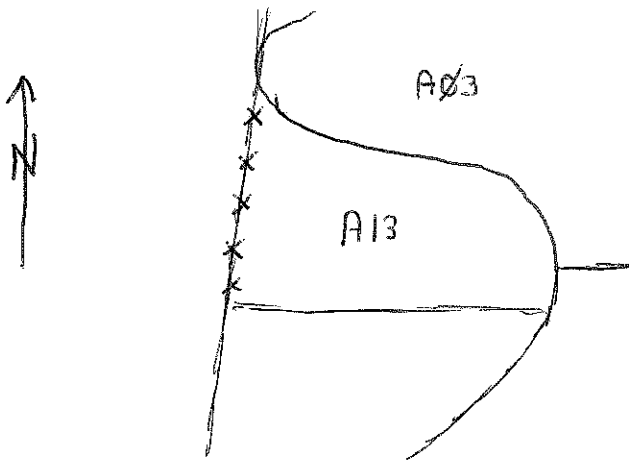
### ERPIMS Values:

Sacode: \_\_\_\_\_  
Lot Control#: \_\_\_\_\_

Comments: 183-A13-PW 0-1  
Composite sample from 5 pts

### Sketch Location:

x=sample location



Logged BY / Date: MMJ/Steve Moran 16 June 10

Reviewed BY / Date: B-U 6/18/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E145

Location Code: **E183-CS66**

Task: **118166**

Sample Number: **PEF0073**

Collection Date: 6-17-10

Sample Name: **E183-CS66-DS-PEF0073-REG**

Collection Time: 1140

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

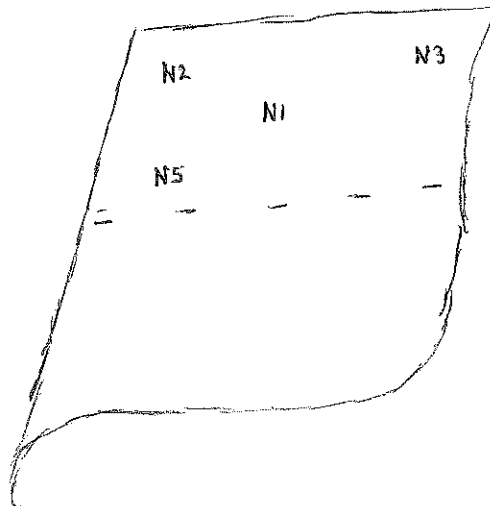
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A12-TN 1-2

Composite of 4 sample pts - refusal on N4

### Sketch Location:



Area A12

Logged BY / Date: M. H. P. 17 June 10

Reviewed BY / Date: B-U 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 06182010-5-E1A6

Location Code: **E183-CS67**

Task: **118166**

Sample Number: **PEF0074**

Collection Date: 6-17-10

Sample Name: **E183-CS67-DS-PEF0074-REG**

Collection Time: 1205

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(FB)

Sample Team: RR/JC

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

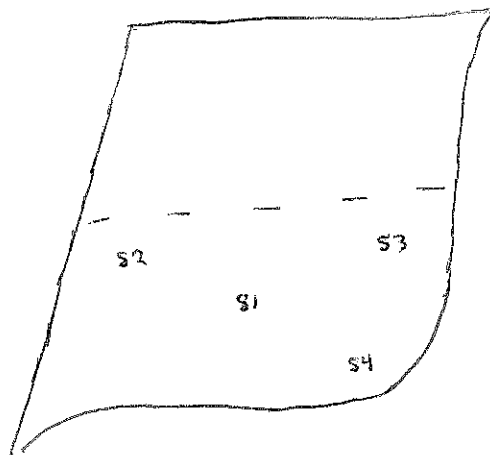
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A12-TS 1-2

Composite of 4 sample pts - refusal at 5-5

**Sketch Location:**



Area A12

Logged BY / Date: MMH / 17 June 10

Reviewed BY / Date: DM 6/18/10



# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF06182010-S-E1A6

Location Code: **E183-CS67**

Sample Number: **PEF0074-MS**

Sample Name: **E183-CS67-DS-PEF0074-MS**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **MS**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-17-10

Collection Time: 1205

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: **SOIL**

Sample Team: RR/JC

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

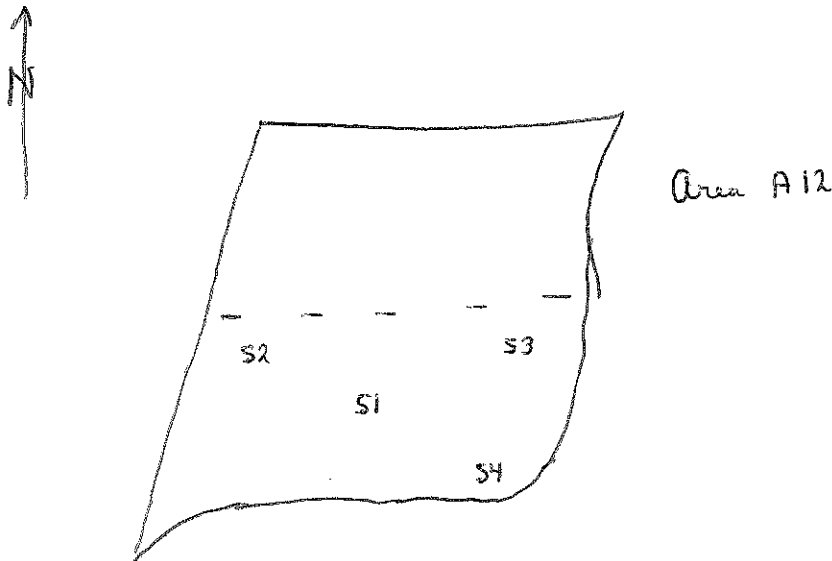
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A12-TS 1-2  
Composite of 4 sample ptr - refused at 5-5

**Sketch Location:**



Logged BY / Date: M. H. / 17 June 10

Reviewed BY / Date: RM 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF06182010-S-E1A6

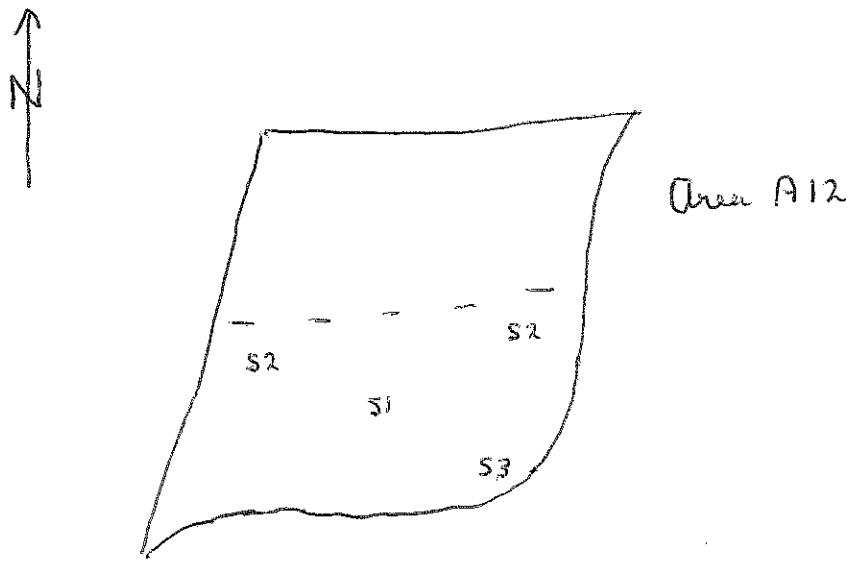
Location Code: **E183-CS67** Task: **118166**  
 Sample Number: **PEF0074-MSD** Collection Date: 6-17-10  
 Sample Name: **E183-CS67-DS-PEF0074-MSD** Collection Time: 1205  
 Sampling Method: **HA** Start Depth: 1' bgs  
 Sample Type: **DS** Sample Purpose: **MSD** End Depth: 2'  
 Sampling Equip: Flared auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: RR / JG  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 143-A12-TS 1-2  
Composite of 4 sample pts - refusal @ 55

**Sketch Location:**



Logged BY / Date: MM Miller / 17 June 10 Reviewed BY / Date: Bill / 6/18/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF 06182010-S-E1A6

Location Code: **E183-CS68**

Task: **118166**

Sample Number: **PEF0075**

Collection Date: 6-17-10

Sample Name: **E183-CS68-DS-PEF0075-REG**

Collection Time: 1530

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(FB)

Sample Team: OA/VB

### Containers

ERPIMS Values:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

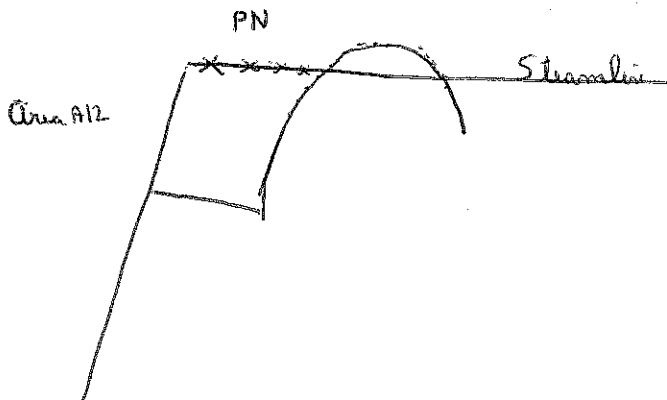
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A16-PN 0-1  
Composite of 4 sample pts

### Sketch Location:

X = Sample location



Logged BY / Date: M.H.L. 17 Jun 10

Reviewed BY / Date: B.M. 6/18/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS69**

Sample Number: **PEF0076**

Sample Name: **E183-CS69-DS-PEF0076-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Stainless Steel bowl & Auger

QC Partners:

(TB) NA (ER) NA (FB) NA

Task: **118166**

Collection Date: 6-18-10

Collection Time: 1000

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: **SOIL**

Sample Team: RR/JG

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

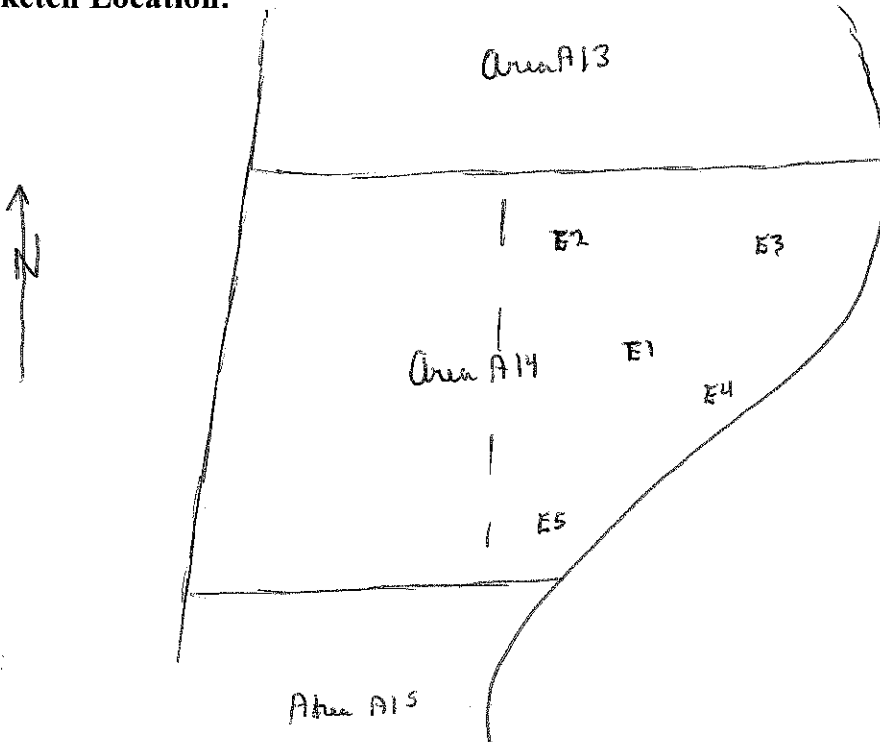
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A14TE 1-2

Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. M. 18 June 10

Reviewed BY / Date: 6-24-10  
OK



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS70**

Task: **118166**

Sample Number: **PEF0077**

Collection Date: 6-18-10

Sample Name: **E183-CS70-DS-PEF0077-REG**

Collection Time: 1200

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: STAINLESS Steel bowl + Auger

Sample Matrix: **SOIL**

QC Partners:

(TB) NA (ER) NA (FB) NA

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

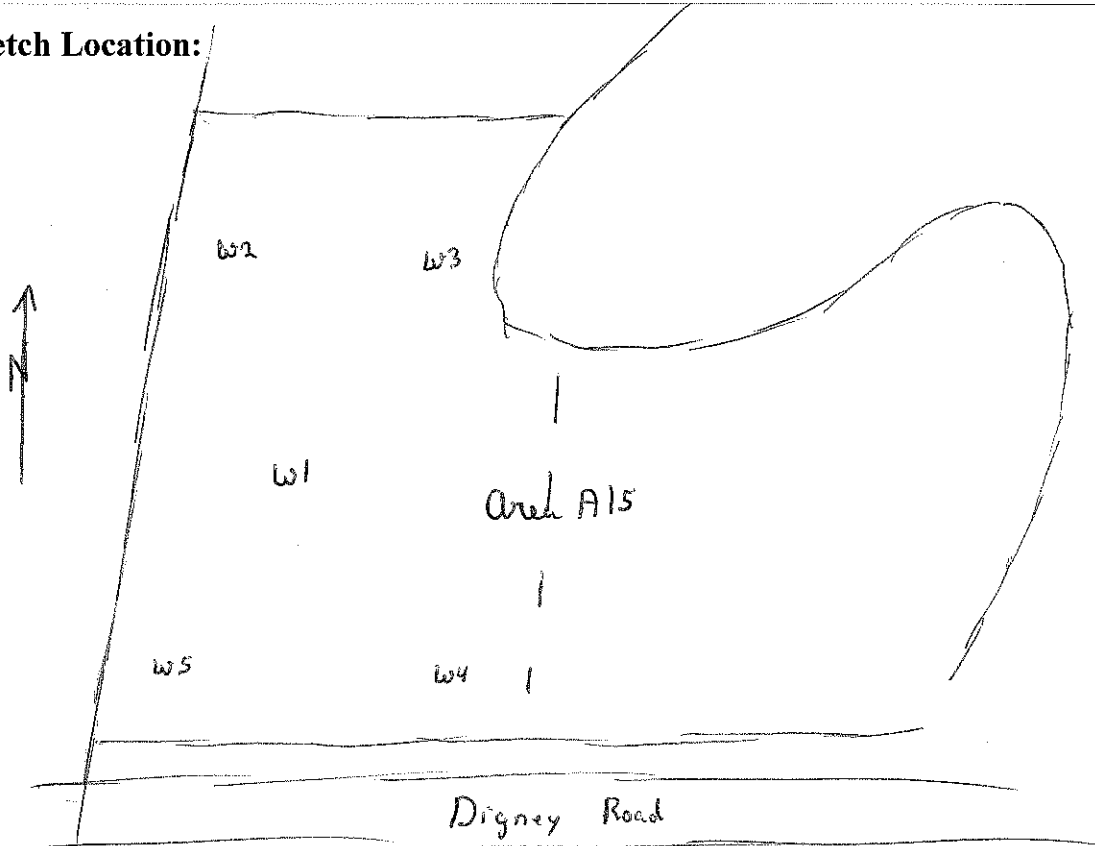
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A15TW 1-2

Composit of 4 sample pts - refused on W4

Sketch Location:



6-24-10

Logged BY / Date: M. Miller 18 June 10

Reviewed BY / Date: ORIC



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS71**

Task: **118166**

Sample Number: **PEF0078**

Collection Date: 6-18-10

Sample Name: **E183-CS71-DS-PEF0078-REG**

Collection Time: 1020

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Stainless Steel bowl + Auger

Sample Matrix: **SOIL**

QC Partners:

(TB) NA (ER) NA (FB) NA

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

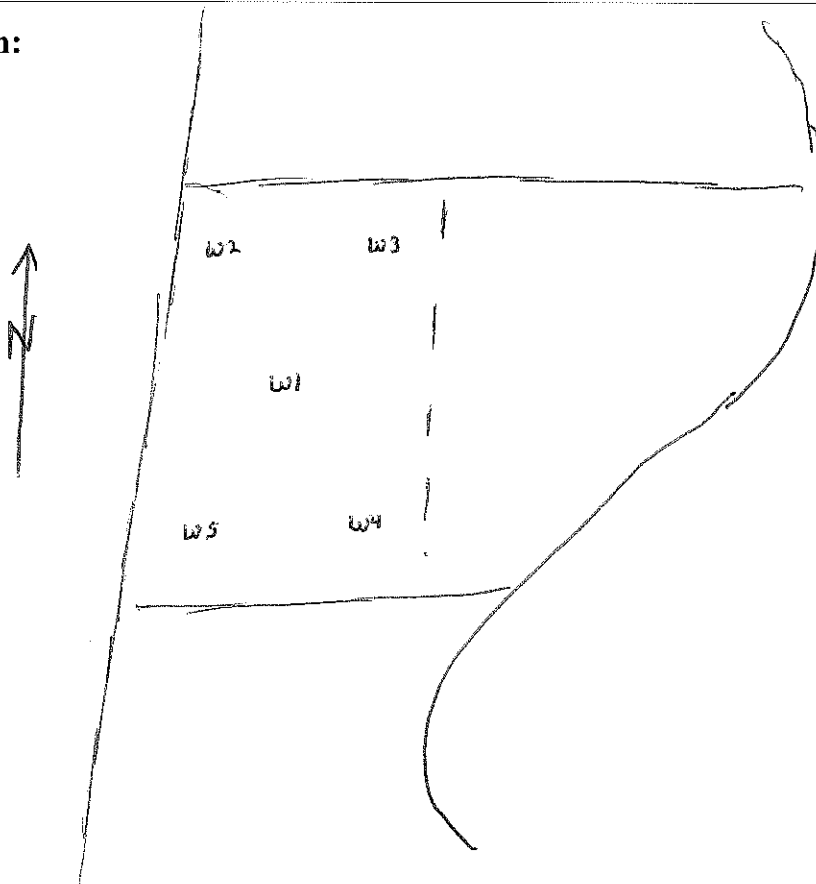
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A14TW 1-2  
Composite of 5 sample ph

Sketch Location:



Logged BY / Date: MMH 18 June 10

Reviewed BY / Date: DOIC 6-24-10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS72**

Sample Number: **PEF0079**

Sample Name: **E183-CS72-DS-PEF0079-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Stainless Steel bowl - Auger

Task: **118166**

Collection Date: 6-18-10

Collection Time: 1215

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: **SOIL**

QC Partners:

(TB) NA (ER) NA (FB) NA

Sample Team: RR/JC

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

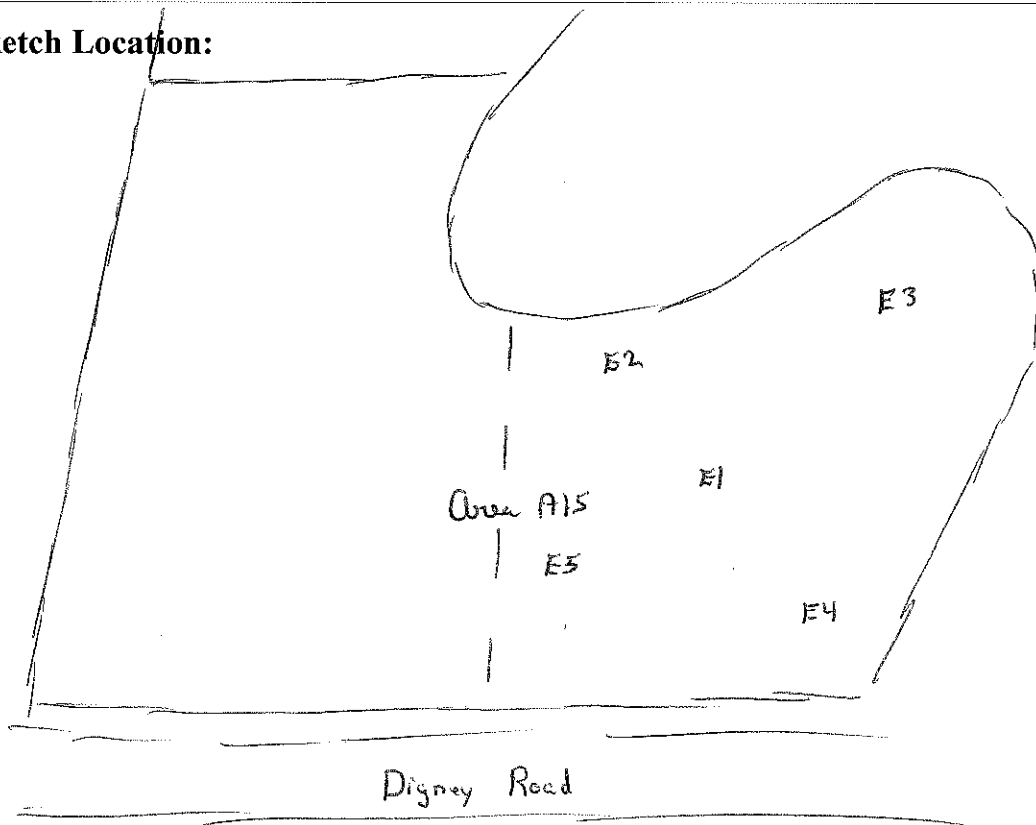
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A15TE 1-2

Composite of 4 sample pts - refused @ E1

Sketch Location:



6-24-10

Logged BY / Date: MMH 18 June 10 Reviewed BY / Date: Oek



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS73**

Task: **118166**

Sample Number: **PEF0080**

Collection Date: 6-18-10

Sample Name: **E183-CS73-DS-PEF0080-REG**

Collection Time: 0900

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: STAINLESS Steel bowl + Auger

Sample Matrix: **SOIL**

QC Partners:

(TB) NA (ER) NA (FB) NA

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

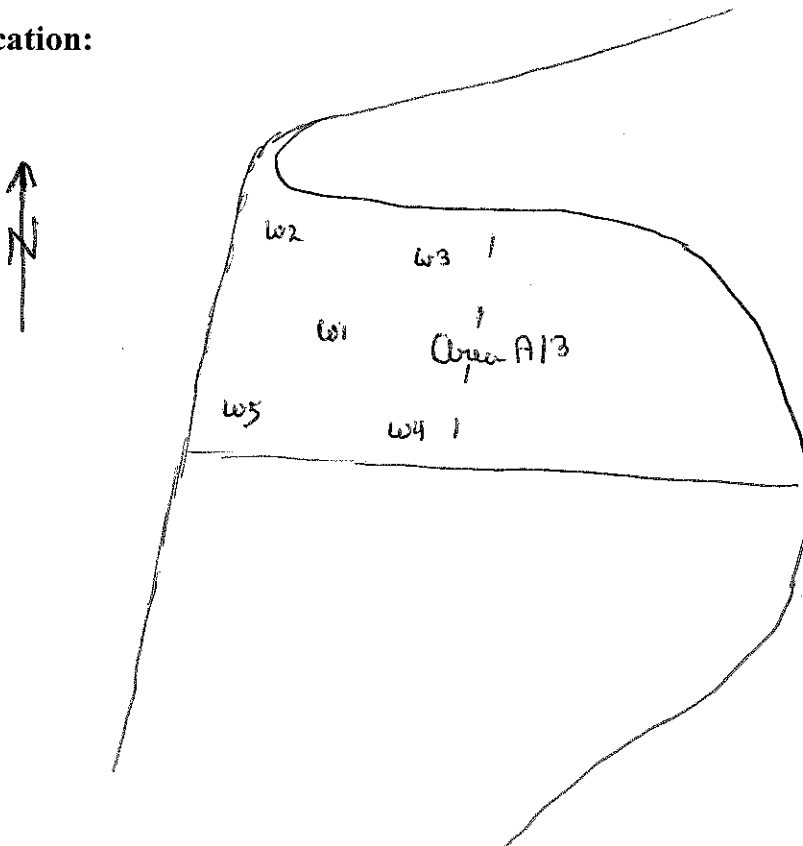
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A13TW 1-2  
Composite of 5 sample pls

Sketch Location:



Logged BY / Date: M. G. 18 June 10

Reviewed BY / Date: 6-24-10  
OK



# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

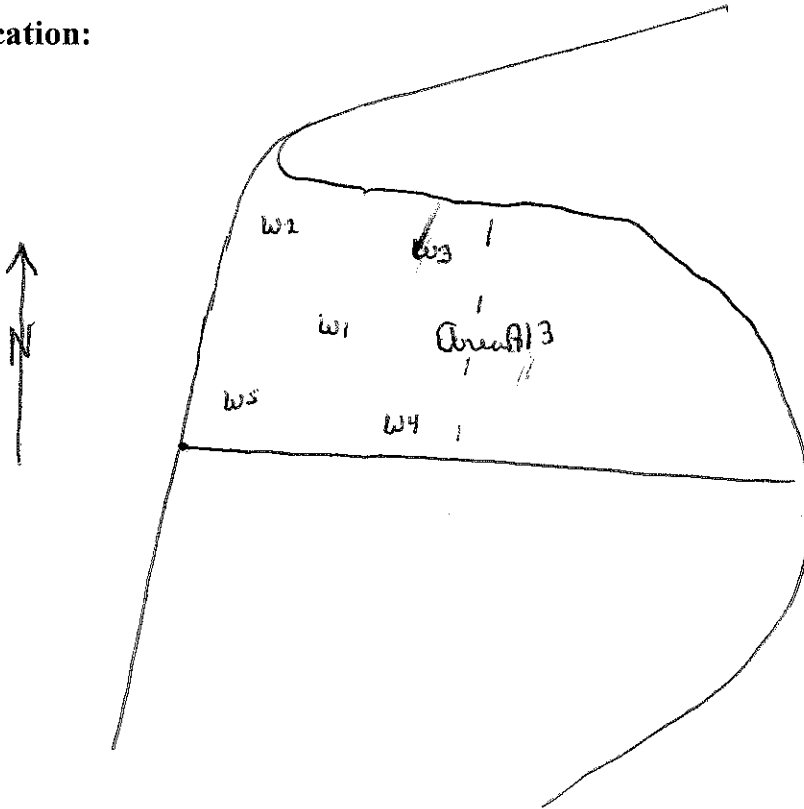
Location Code: **E183-CS73** Task: **118166**  
 Sample Number: **PEF0081** Collection Date: 6-18-10  
 Sample Name: **E183-CS73-DS-PEF0081-FD** Collection Time: 0900  
 Sampling Method: **HA** Start Depth: 1' bgs  
 Sample Type: **DS** Sample Purpose: **FD** End Depth: 2'  
 Sampling Equip: STAINLESS steel bowl + Auger Sample Matrix: **SOIL**  
 QC Partners: (TB) NA (ER) NA (FB) NA Sample Team: RR / JG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183-A13TW 1-2  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. G. 18 June 10 Reviewed BY / Date: 6-24-10  
DeK



# Sample Collection Log

118166 - Redstone- PBC  
 Manager: Steve Moran

RFA / COC Number: PEF 062410-<sup>S-</sup>EMP

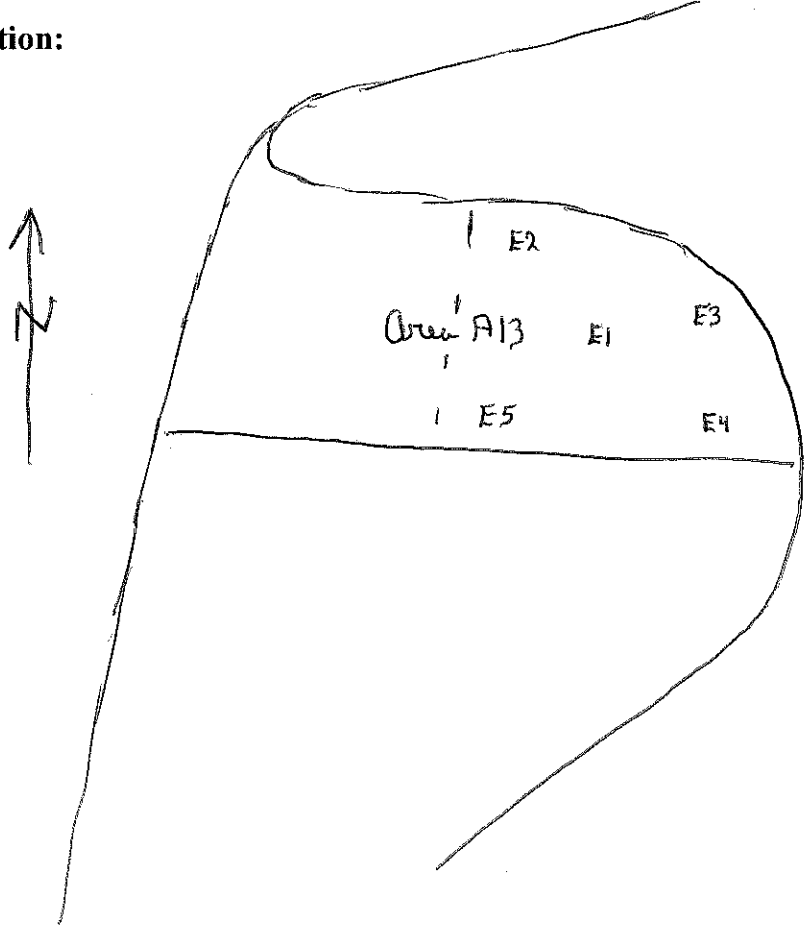
Location Code: **E183-CS74** Task: **118166**  
 Sample Number: **PEF0082** Collection Date: 6-18-10  
 Sample Name: **E183-CS74-DS-PEF0082-REG** Collection Time: 0855  
 Sampling Method: **HA** Start Depth: 1' bgs  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 2'  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: RR/JG  
 (TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183-A13TE 1-2  
Composite of 5 sample pts

Sketch Location:



Logged BY / Date: M.H. 18 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS75**

Task: **118166**

Sample Number: **PEF0083**

Collection Date: 6-22-10

Sample Name: **E183-CS75-DS-PEF0083-REG**

Collection Time: 0950

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**      Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

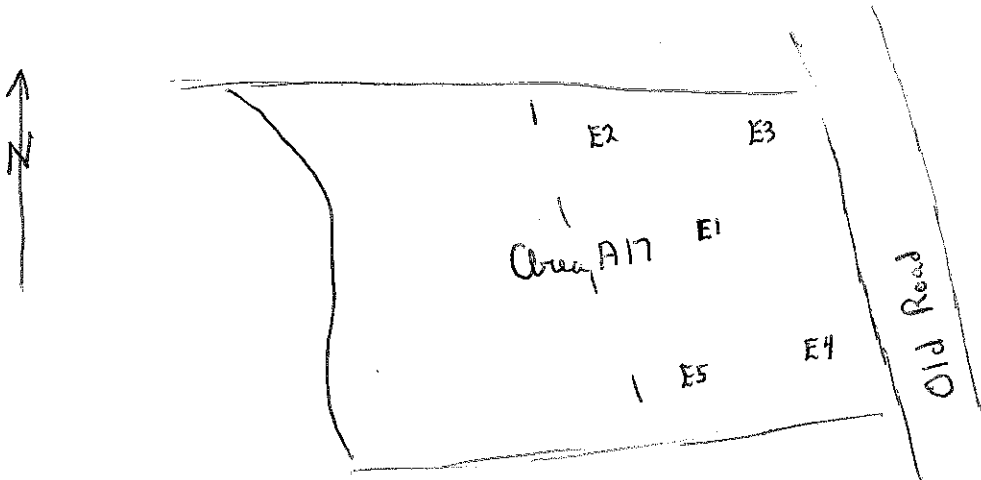
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A17TE 1-2  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: M. [Signature] 22 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 062410-S-Emp

Location Code: **E183-CS76**

Task: **118166**

Sample Number: **PEF0084**

Collection Date: 6-22-10

Sample Name: **E183-CS76-DS-PEF0084-REG**

Collection Time: 1040

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

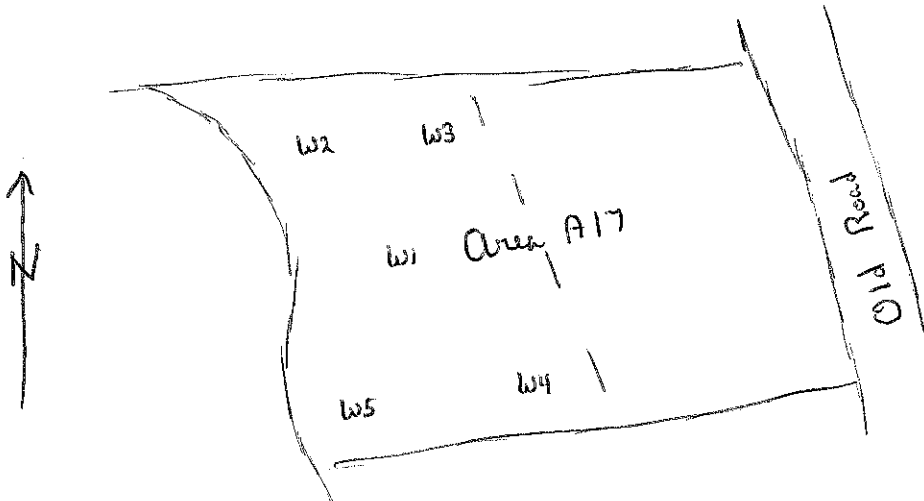
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A17TW 1-2  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: MMJ 22 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF-062410-S-EMP

Location Code: **E183-CS77**

Task: **118166**

Sample Number: **PEF0085**

Collection Date: 6-22-10

Sample Name: **E183-CS77-DS-PEF0085-REG**

Collection Time: 1350

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

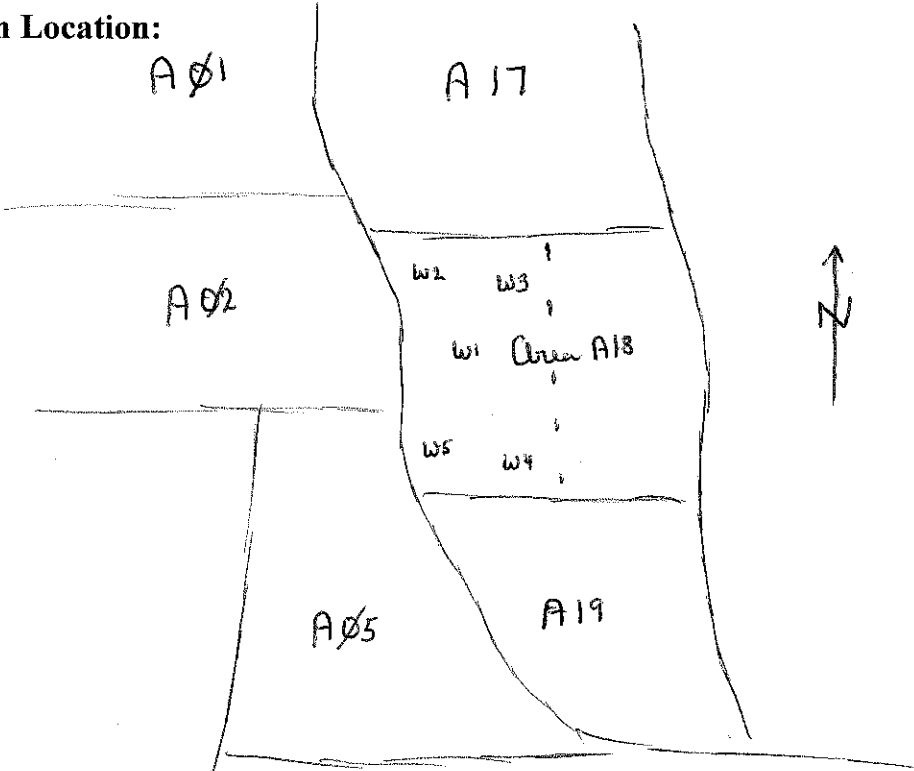
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A18TW 1-2  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: M. G. [Signature] 22 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF-062410-S-EMP

Location Code: E183-CS78

Task: 118166

Sample Number: PEF0086

Collection Date: 6-22-10

Sample Name: E183-CS78-DS-PEF0086-REG

Collection Time: 1330

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

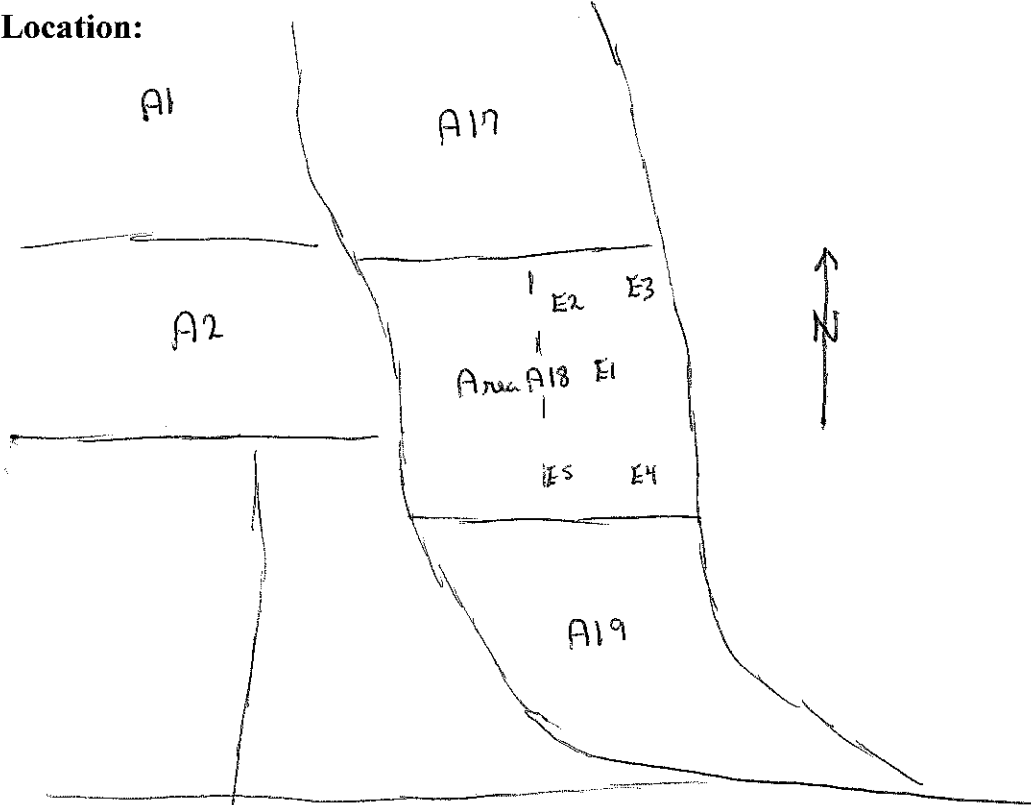
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A18TE 1-2

Composite of 4 sample pts - refused @ E1

### Sketch Location:



Logged BY / Date: M. G. 22 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF-062410-S-EMP

Location Code: E183-CS79

Task: 118166

Sample Number: PEF0087

Collection Date: 6-22-10

Sample Name: E183-CS79-DS-PEF0087-REG

Collection Time: 0915

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: RR/JG

(TB) (ER) (FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

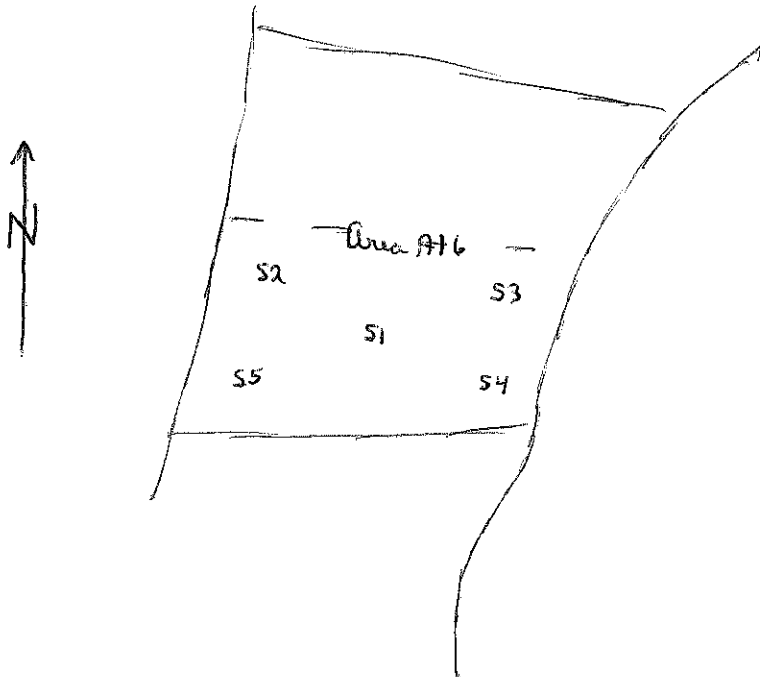
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A16TS 1-2  
Composite of 5 sample pts

Sketch Location:



Logged BY / Date: M. J. [unclear] 22 June 10

Reviewed BY / Date: E. M. Donough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

REA / COC Number: PEF-062410-S-EMA

Location Code: **E183-CS80**

Task: **118166**

Sample Number: **PEF0088**

Collection Date: 6-22-10

Sample Name: **E183-CS80-DS-PEF0088-REG**

Collection Time: 0850

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2' bgs

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_ Sample Team: \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

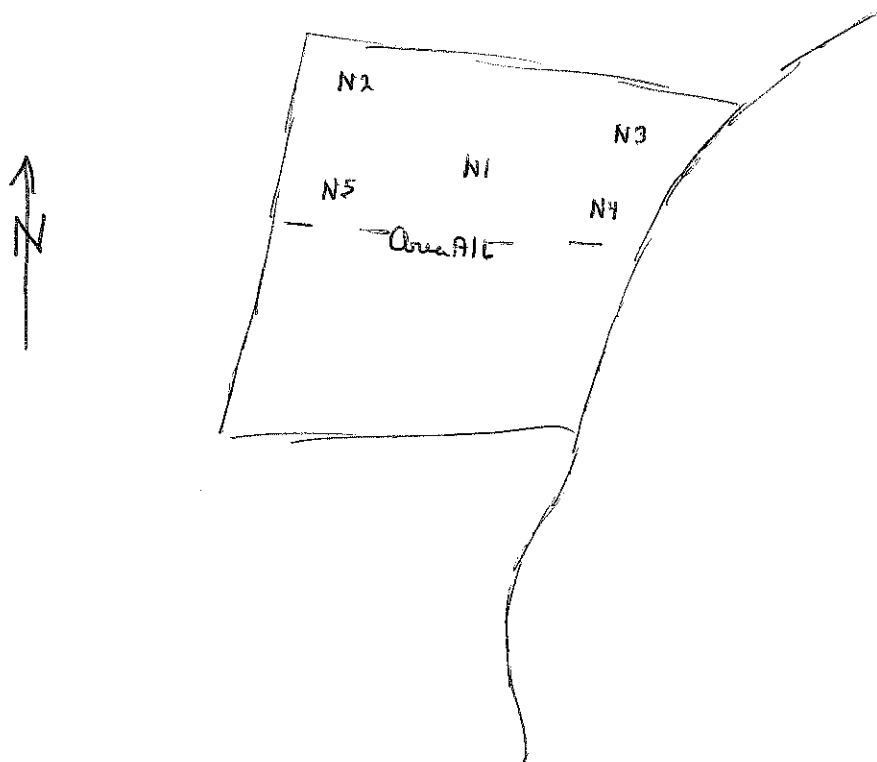
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A16TN 1-2  
Composite of 5 sample pts

Sketch Location:



Logged BY / Date: M. Hill 22 June 10

Reviewed BY / Date: E. McDonough 7/9/10





# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF-062410-S-EMP

Location Code: E183-CS81

Task: 118166

Sample Number: PEF0089

Collection Date: 6-23-10

Sample Name: E183-CS81-DS-PEF0089-REG

Collection Time: 1050

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: RR/JG

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

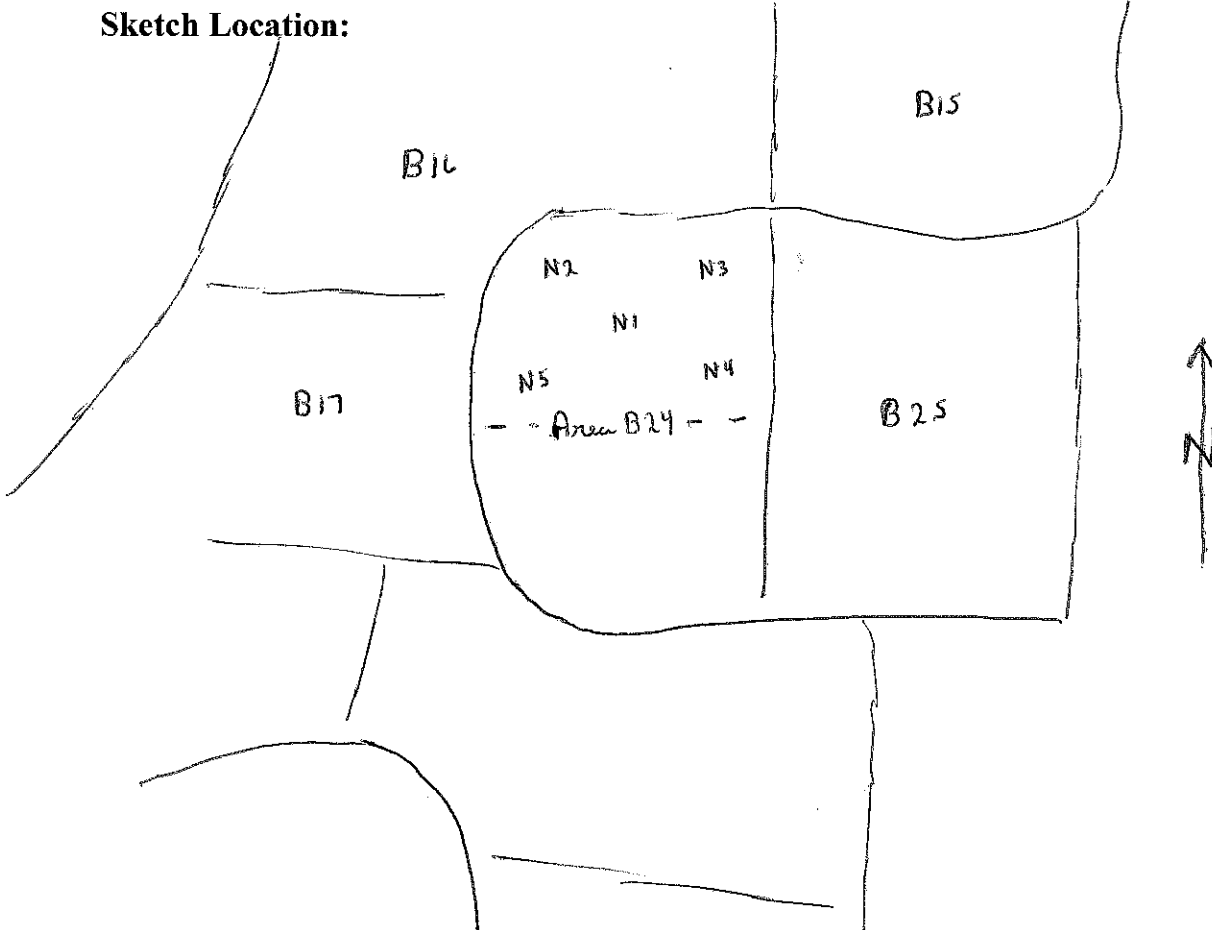
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B24TN 1-2  
Composite of 3 sample pts - refused on N1 and N4

### Sketch Location:



Logged BY / Date: M. G. 23 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS82**

Task: **118166**

Sample Number: **PEF0090**

Collection Date: 6-23-10

Sample Name: **E183-CS82-DS-PEF0090-REG**

Collection Time: 1030

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(FB)

Sample Team: RR/JG

### Containers

ERPIMS Values:

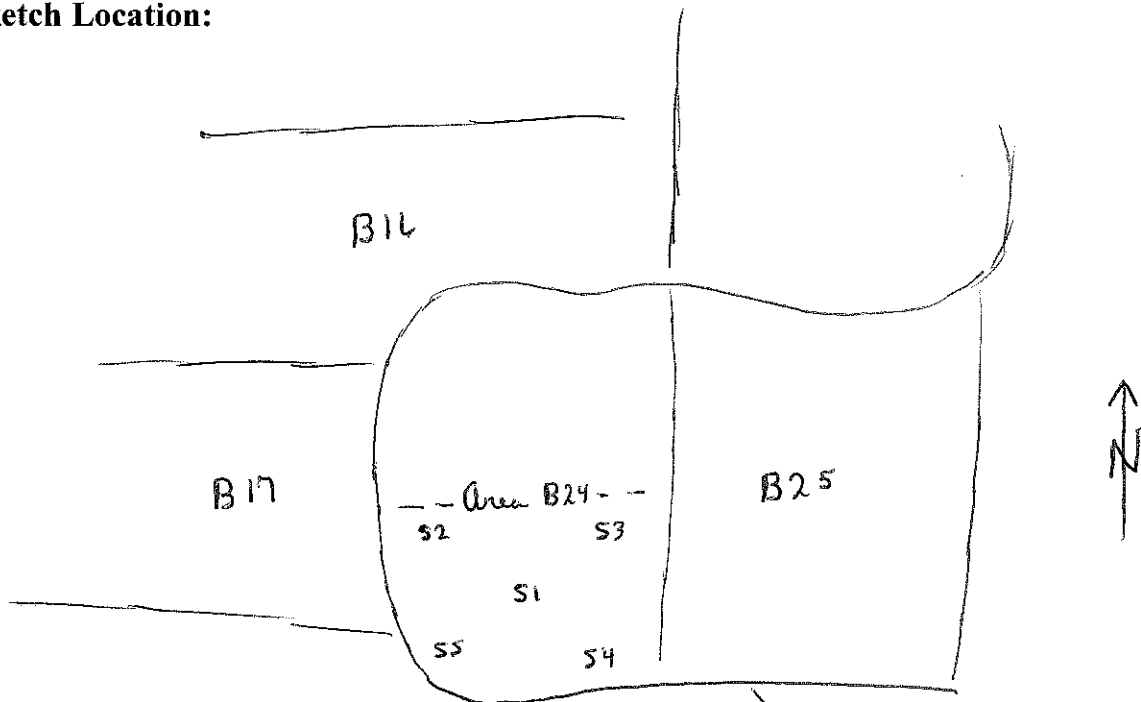
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B24TS 1-2  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: M. G. H. 23 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF-062410-S-EMP

Location Code: **E183-CS83**

Task: **118166**

Sample Number: **PEF0091**

Collection Date: 6-23-10

Sample Name: **E183-CS83-DS-PEF0091-REG**

Collection Time: 1115

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2' bgs

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JC

(TB)

(ER)

(FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

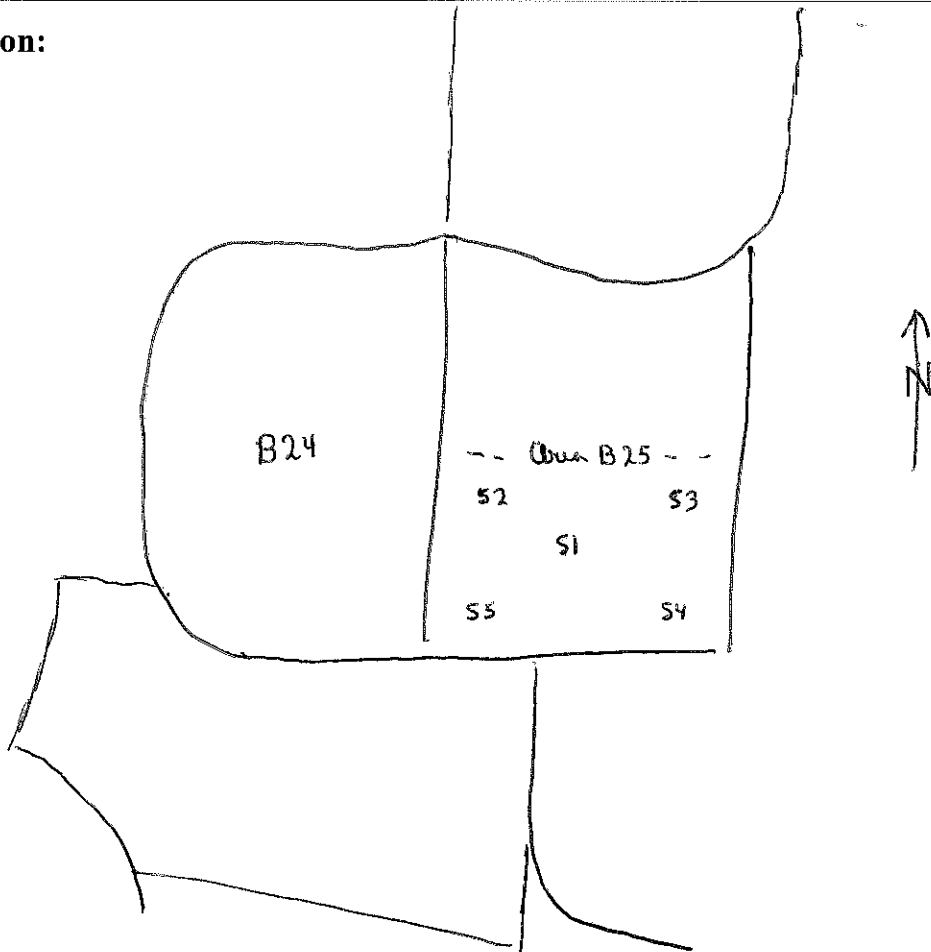
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B25TS 1-2  
Composite of 2 sample pts - refusal @ S1, S3 and S4

Sketch Location:



Logged BY / Date: MM Miller 23 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

REA / COC Number: PEF-062410-S-EMP

Location Code: **E183-CS84**

Sample Number: **PEF0093**

Sample Name: **E183-CS84-DS-PEF0093-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-23-10

Collection Time: 1155

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: **SOIL**

Sample Team: RR/JG

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

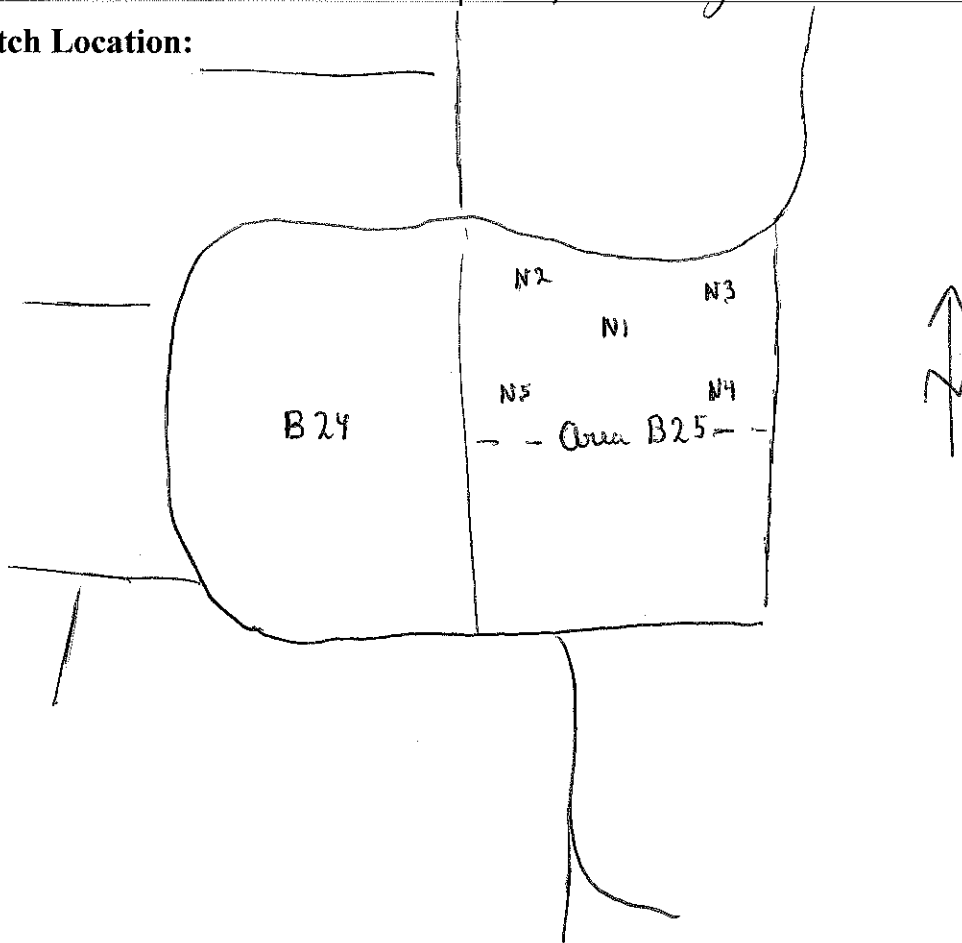
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183 B25TN 1-2

Composite of 2 sample pts  
Refusal on N1, N3, N5 mg/l

Sketch Location:



Logged BY / Date: M. Huh 23 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS85**

Sample Number: **PEF0094**

Sample Name: **E183-CS85-DS-PEF0094-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-22-10

Collection Time: 1530

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: **SOIL**

Sample Team: RR/JC

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

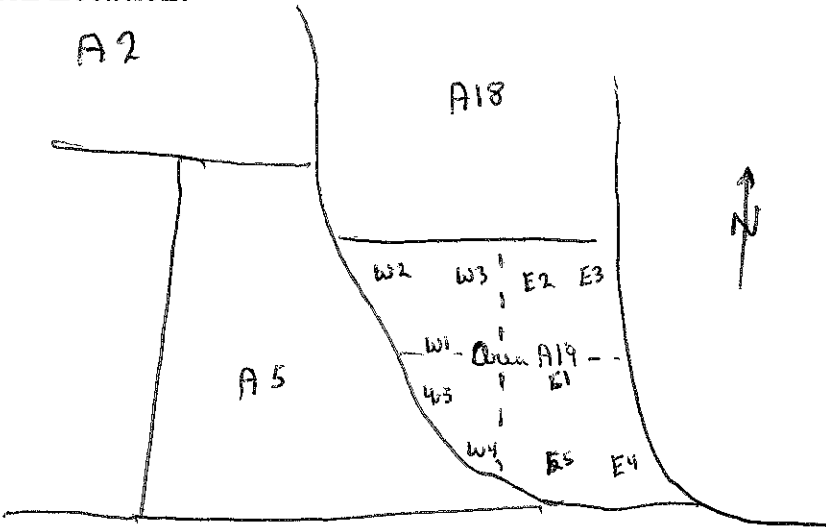
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A19TE 1-2  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. G. 22 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: <sup>5</sup> ~~E183-CS83~~

Sample Number: PEF0092

Sample Name: <sup>5</sup> ~~E183-CS83~~-DS-PEF0092-FD

Sampling Method: HA

Sample Type: DS

Sample Purpose: FD

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: 118166 22

Collection Date: 6-23-10

Collection Time: 1155 1530

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: SOIL

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

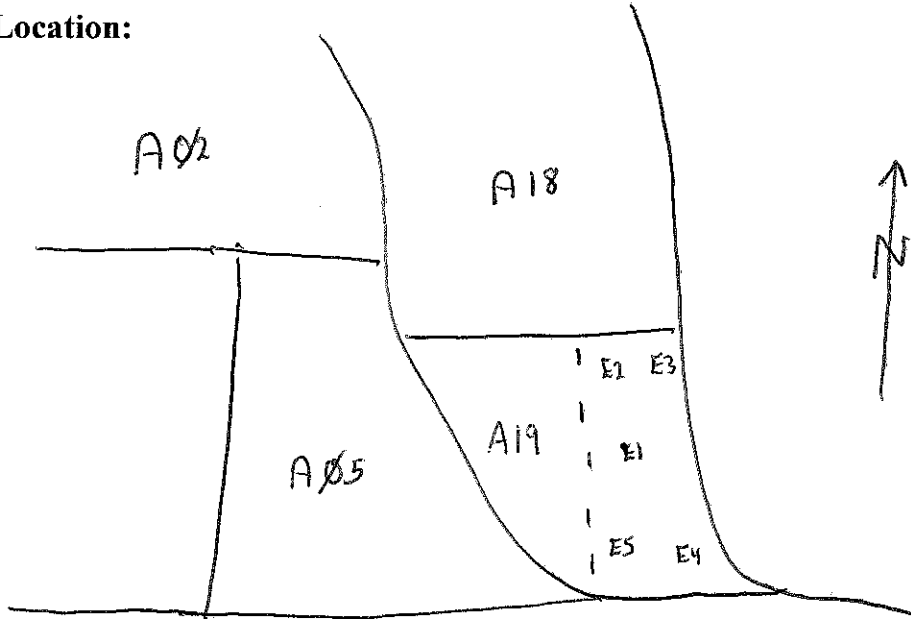
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: A19TE  
183-B25TN 1-2  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: M. G. 22 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMF

Location Code: **E183-CS86**

Sample Number: **PEF0095**

Sample Name: **E183-CS86-DS-PEF0095-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**

Collection Date: 6-22-10

Collection Time: 1515

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: **SOIL**

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

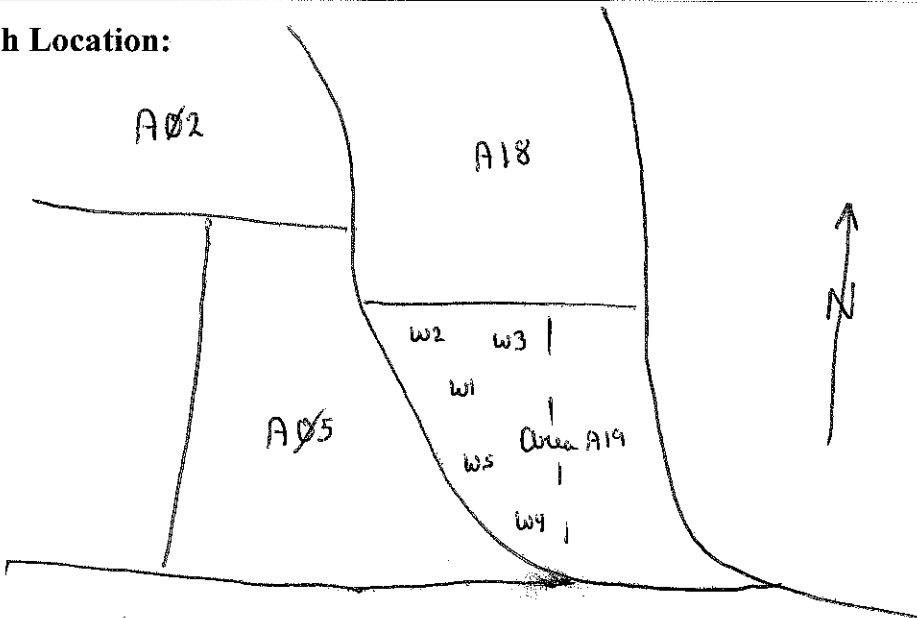
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A19TW

### Sketch Location:



Logged BY / Date: M. Mel 22 June 10

Reviewed BY / Date: C. McDonough 7/9/10



Shaw E & I, Inc.

# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: E183-CS87

Sample Number: PEF0096

Sample Name: E183-CS87-DS-PEF0096-REG

Sampling Method: HA

Sample Type: DS

Sample Purpose: REG

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: 118166

Collection Date: 6-4-10

Collection Time: 1015

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: SOIL

Sample Team: ms/ms

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

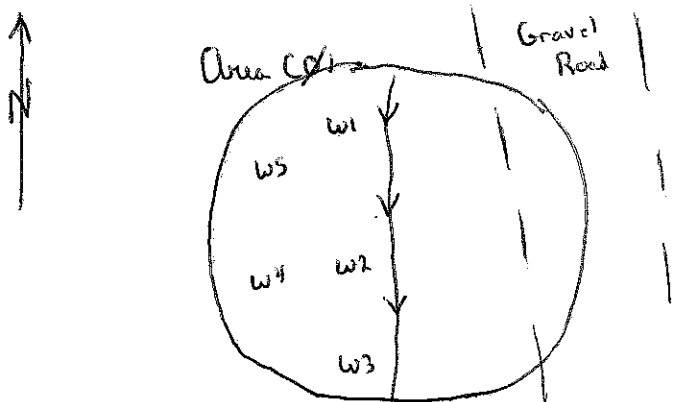
Sacode:

Lot Control#:

Comments: 183-CO1-TW 1-2

Composite of 5 sample pb

Sketch Location:



Logged BY / Date: M. Hub 4 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS87**

Sample Number: **PEF0096-MS**

Sample Name: **E183-CS87-DS-PEF0096-MS**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **MS**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-4-10

Collection Time: 1015

Start Depth: 1' bgs

End Depth: 2'

Sample Matrix: **SOIL**

Sample Team: MJD/MJD

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWVG

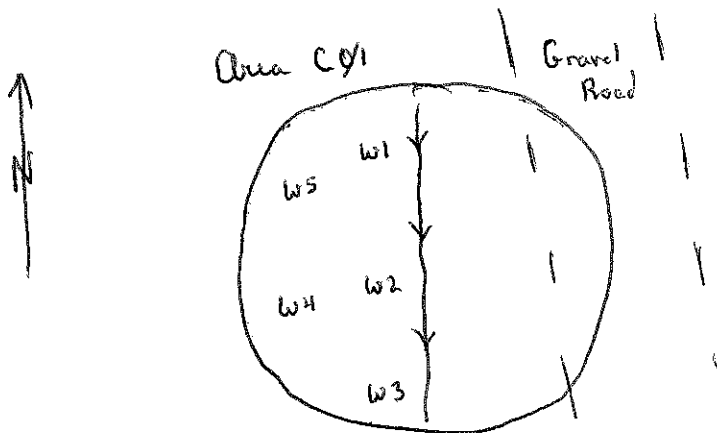
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-CO1-TW 1-2  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: MJD 4 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS87**

Task: **118166**

Sample Number: **PEF0096-MSD**

Collection Date: 6-4-10

Sample Name: **E183-CS87-DS-PEF0096-MSD**

Collection Time: 1015

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **MSD**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MS/MS

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

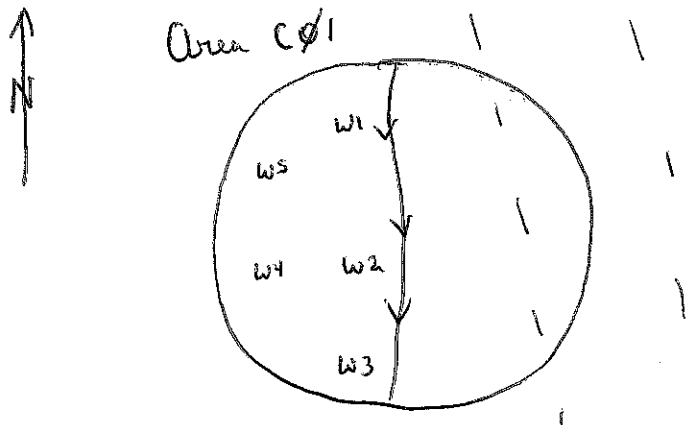
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-CO1-TW 1-2  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. Mel 4 June 10

Reviewed BY / Date: E. McElbrough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC  
Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS88**

Task: **118166**

Sample Number: **PEF0097**

Collection Date: 6-4-10

Sample Name: **E183-CS88-DS-PEF0097-REG**

Collection Time: 0955

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 2'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MD/ML

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

### Containers

ERPIMS Values:

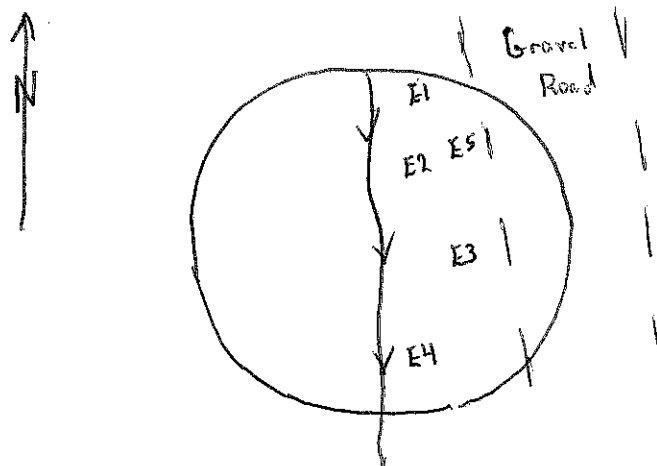
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-COI-TE 1-2  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: MD/ML 4 June 10

Reviewed BY / Date: E. McDonough 6/9/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

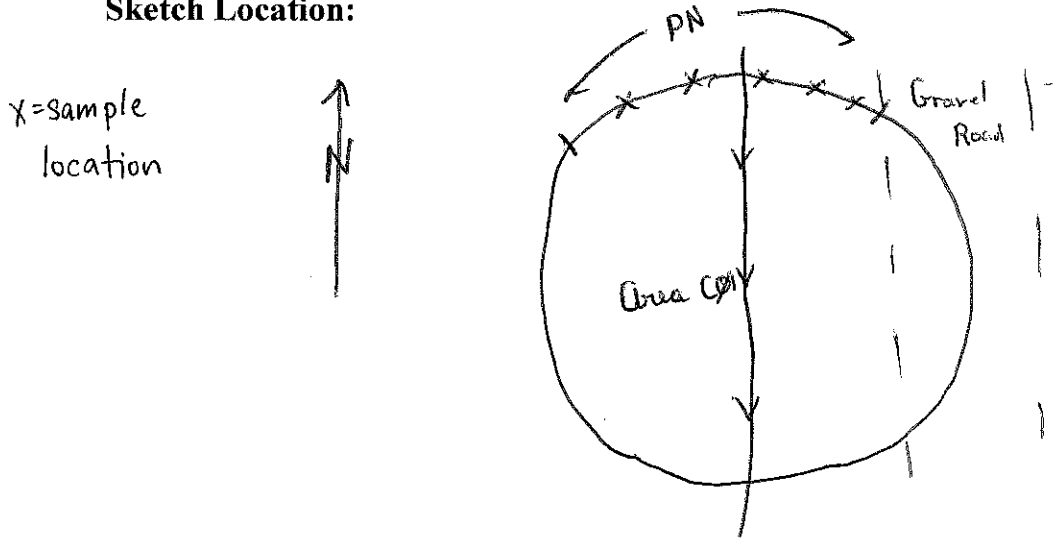
Location Code: **E183-CS89** Task: **118166**  
 Sample Number: **PEF0098** Collection Date: 6-4-10  
 Sample Name: **E183-CS89-DS-PEF0098-REG** Collection Time: 1020  
 Sampling Method: **HA** Start Depth: 0' bgs  
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 1'  
 Sampling Equip: Hand auger Sample Matrix: **SOIL**  
 QC Partners: \_\_\_\_\_ Sample Team: MG/MG  
 (TB) (ER) (FB)

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:  
 Sacode: \_\_\_\_\_  
 Lot Control#: \_\_\_\_\_

Comments: 183-CO1-PN 0-1  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: MMH 4 June 10 Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**  
Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS90**

Task: **118166**

Sample Number: **PEF0099**

Collection Date: 6-4-10

Sample Name: **E183-CS90-DS-PEF0099-REG**

Collection Time: 0925

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MD / MK

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

**Containers**

ERPIMS Values:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

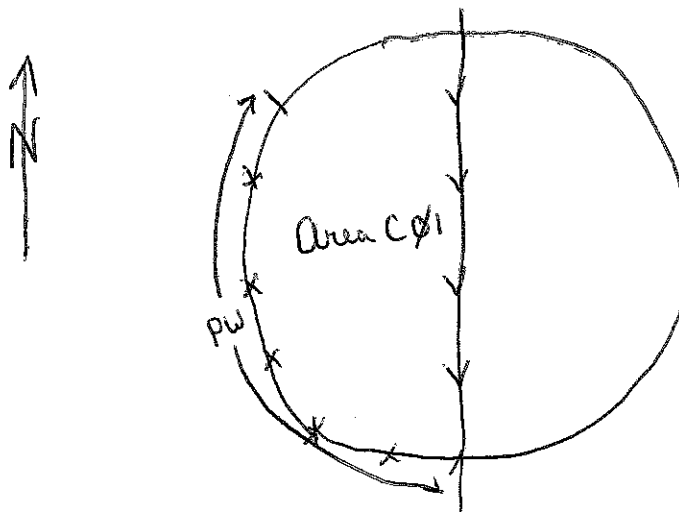
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-C41-PW 0-1  
Composite of 5 sample pts

**Sketch Location:**

x= sample location



Logged BY / Date: MD / 4 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF-062410-S-EMP

Location Code: **E183-CS92**

Sample Number: **PEF0101**

Sample Name: **E183-CS92-DS-PEF0101-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-7-10

Collection Time: 1325

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: MML/MLL

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWMG

ERPIMS Values:

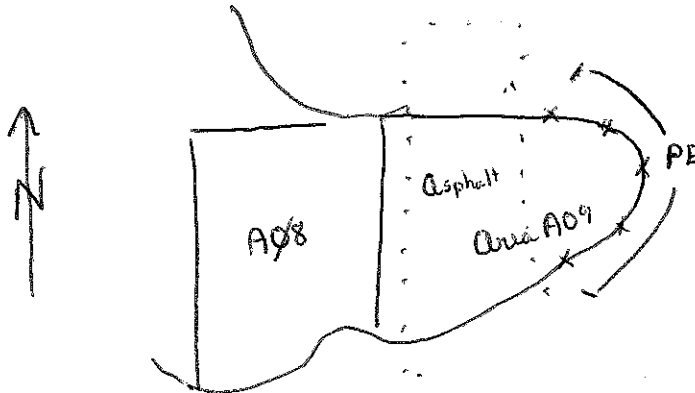
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A09-PE 0-1  
Composite of 5 sample pts

**Sketch Location:**

x=sample location



Logged BY / Date: MML 7 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF 062410-S-EMP

Location Code: **E183-CS93**

Sample Number: **PEF0102**

Sample Name: **E183-CS93-DS-PEF0102-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Wanmed auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-7-10

Collection Time: 1255

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: MMB/MME

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	a	1	4	oz	CWM

ERPIMS Values:

Sacode: \_\_\_\_\_

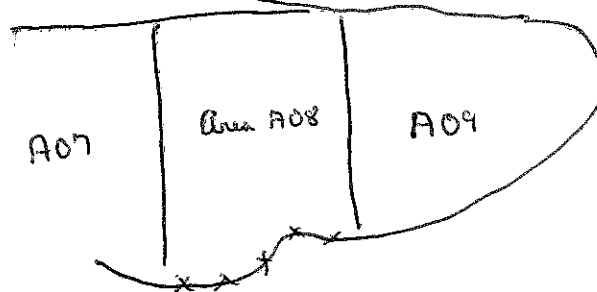
Lot Control#: \_\_\_\_\_

Comments: 183-A08-PS 0-1

Composite of 5 sample pts

### Sketch Location:

X=sample location



Logged BY / Date: MMB 7 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: <sup>F</sup>PE062410-S-EMP

Location Code: E183-CS94

Sample Number: PEF0103

Sample Name: E183-CS94-DS-PEF0103-REG

Sampling Method: HA

Sample Type: DS

Sample Purpose: REG

Sampling Equip: Hand auger

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: 118166

Collection Date: 6-7-10

Collection Time: 930

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: SOIL

Sample Team: MJL / MMR

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:

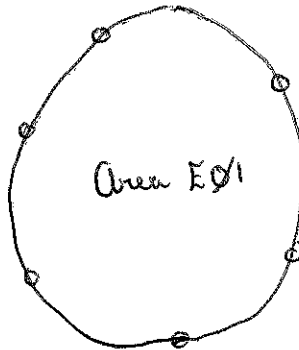
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-E01-P 0-1  
Composite of 6 sample pts

**Sketch Location:**

o = sample location



Logged BY / Date: MJL 7 June 10

Reviewed BY / Date: E. McDonough 7/9/10





# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS95**

Task: **118166**

Sample Number: **PEF0104**

Collection Date: 6-2-10

Sample Name: **E183-CS95-DS-PEF0104-REG**

Collection Time: 0900

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: **SOIL**

QC Partners:

Sample Team: RR/JG

(TB)

(ER)

(FB)

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

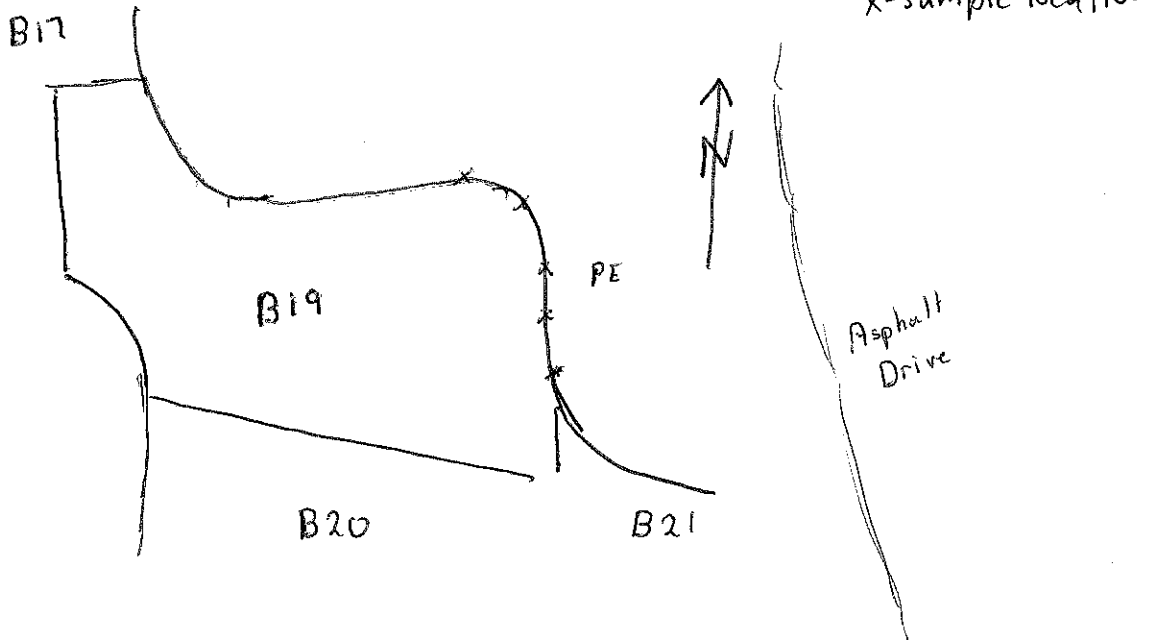
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B19-PE 0-1  
Composite of 5 sample pts

### Sketch Location:



Logged BY / Date: M. G. [Signature] 2 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS95**

Sample Number: **PEF0105**

Sample Name: **E183-CS95-DS-PEF0105-FD**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **FD**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-2-10

Collection Time: 0900

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

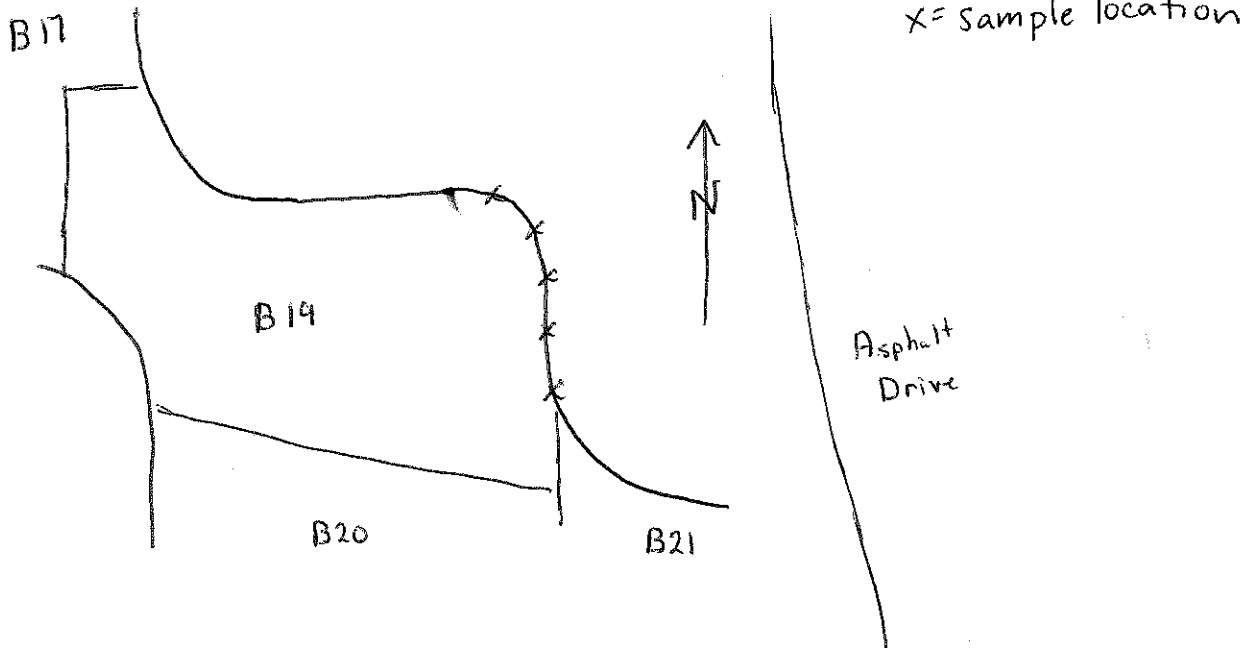
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B19-PE

### Sketch Location:



Logged BY / Date: M. Mah 2 June 10 Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS96**

Sample Number: **PEF0106**

Sample Name: **E183-CS96-DS-PEF0106-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-2-10

Collection Time: 1415

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: MM / EMM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:

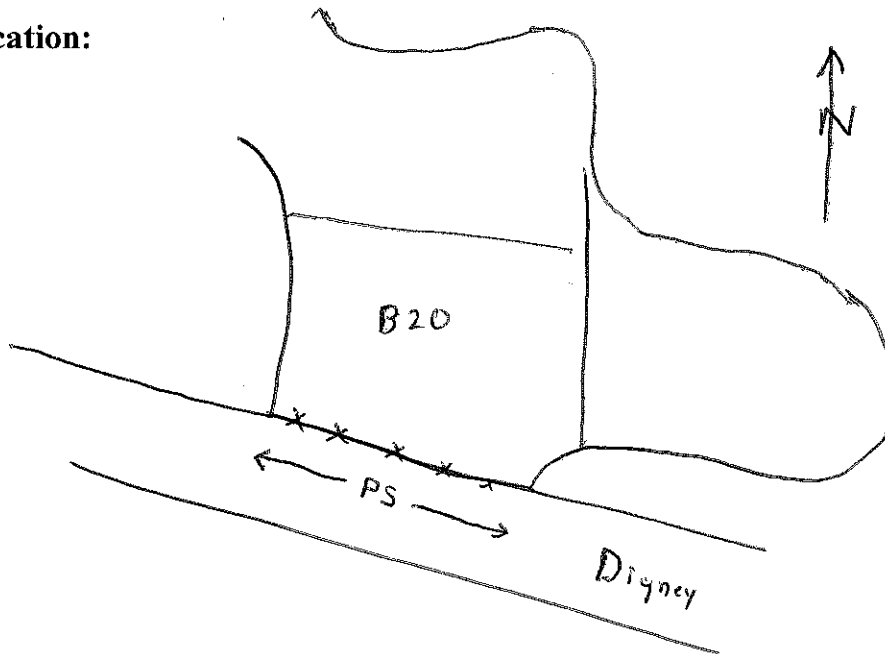
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B20-PS 0-1  
Composite of 5 sample pts

Sketch Location:

x=sample location



Logged BY / Date: M. G. 2 Jun 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS97**

Sample Number: **PEF0107**

Sample Name: **E183-CS97-DS-PEF0107-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Worm auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-2-10

Collection Time: 1215

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: 7722/ED

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:

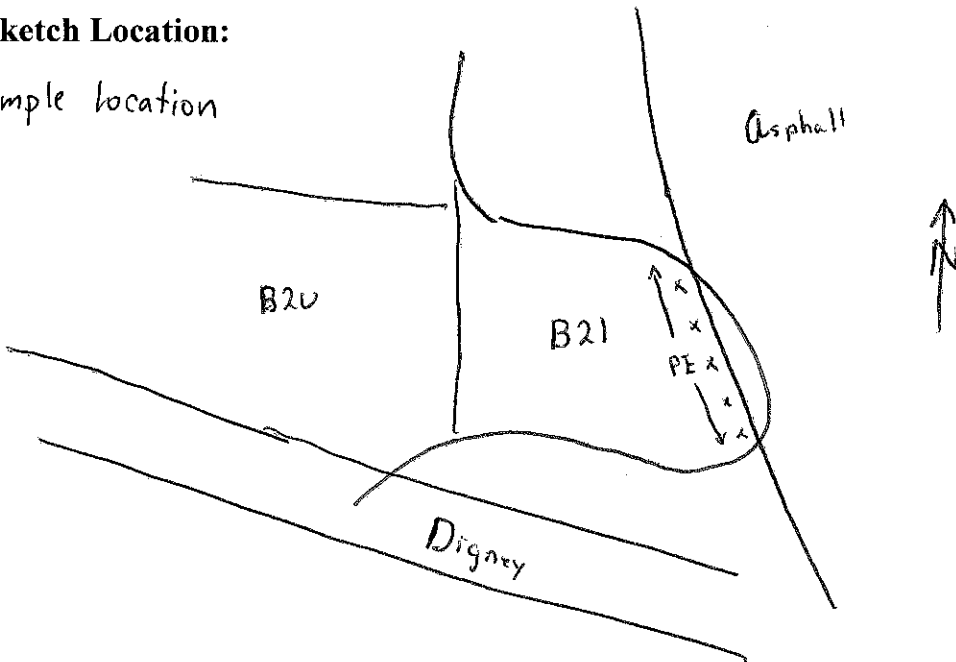
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B21-PE  
Composite of 5 sample pts

### Sketch Location:

x = sample location



Logged BY / Date: M.H.L. 2 June 10

Reviewed BY / Date: E McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

REA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS99**

Sample Number: **PEF0109**

Sample Name: **E183-CS99-DS-PEF0109-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Wamel auger

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**

Collection Date: 6-4-10

Collection Time: 1030

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: MMB / MPA

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:

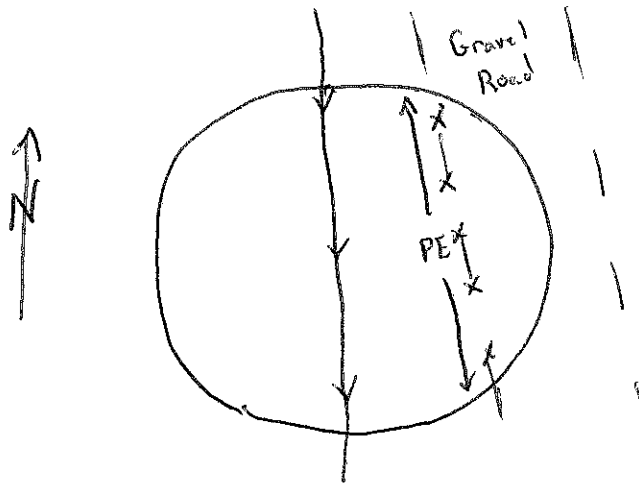
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-CØ1-PE 0-1  
Composite of 5 sample pts

**Sketch Location:**

x=sample location



Logged BY / Date: M. Gels 4 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS100**

Sample Number: **PEF0110**

Sample Name: **E183-CS100-DS-PEF0110-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**

Collection Date: 6-2-10

Collection Time: 1130

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: MJ/EP

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

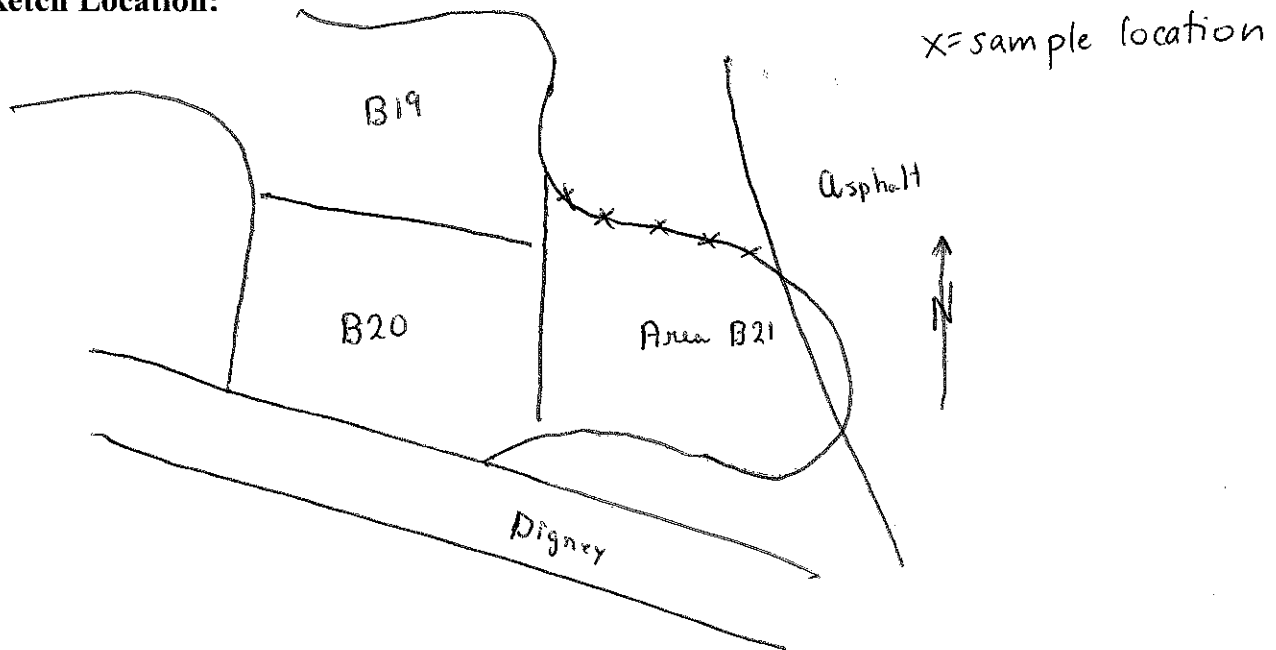
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B21-PN 0-1  
Composite of 5 sample pt

Sketch Location:



Logged BY / Date: MJ/EP 2 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS101**

Sample Number: **PEF0111**

Sample Name: **E183-CS101-DS-PEF0111-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Wanmed auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-2-10

Collection Time: 1340

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: MMB/RR

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

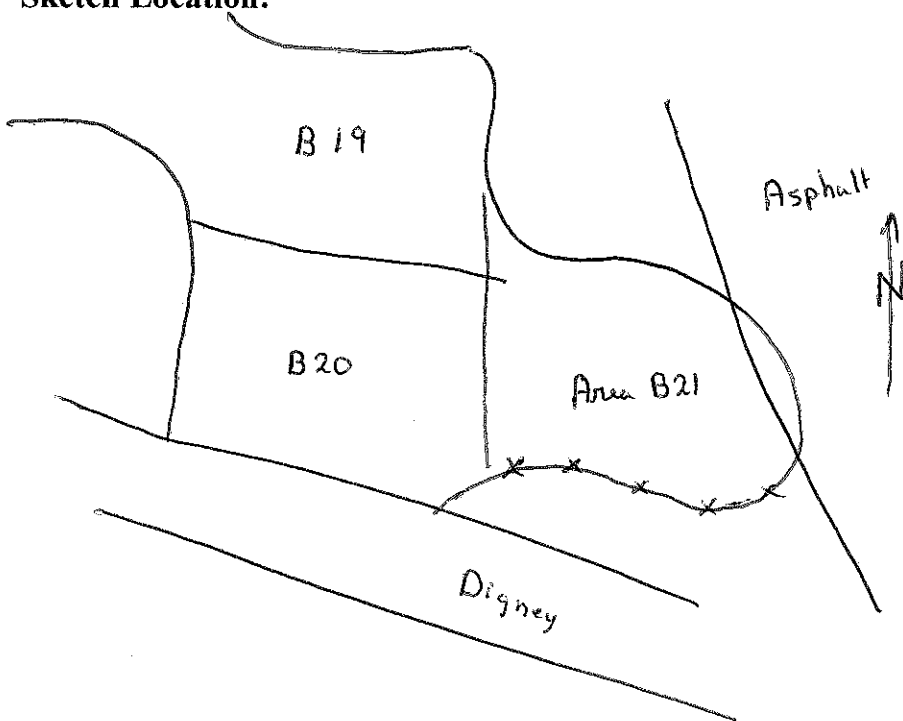
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-B21-PS 0-1  
Composed of 5 sample pts

**Sketch Location:**



x = sample location

Logged BY / Date: MMB 2 Jun 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF-062410-S-EMP

Location Code: **E183-CS102**

Sample Number: **PEF0112**

Sample Name: **E183-CS102-DS-PEF0112-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**

Collection Date: 6-21-10

Collection Time: 1100

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: RR/JG

### Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

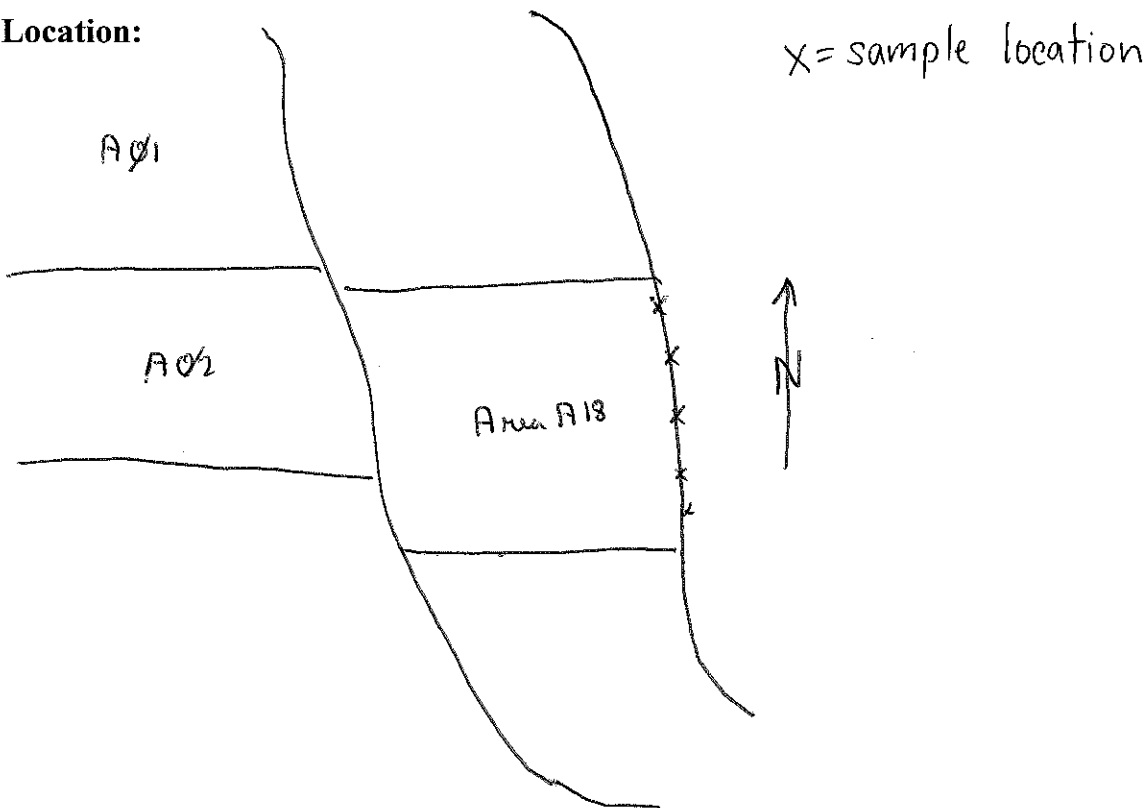
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A18-PE 0-1  
Composite of 5 sample pts

Sketch Location:



Logged BY / Date: MMH 21 June 10

Reviewed BY / Date: E. McDonough 7/9/10



# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF062410-5-EMP

Location Code: **E183-CS103**

Sample Number: **PEF0113**

Sample Name: **E183-CS103-DS-PEF0113-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-21-10

Collection Time: 1050

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: OA/VB

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

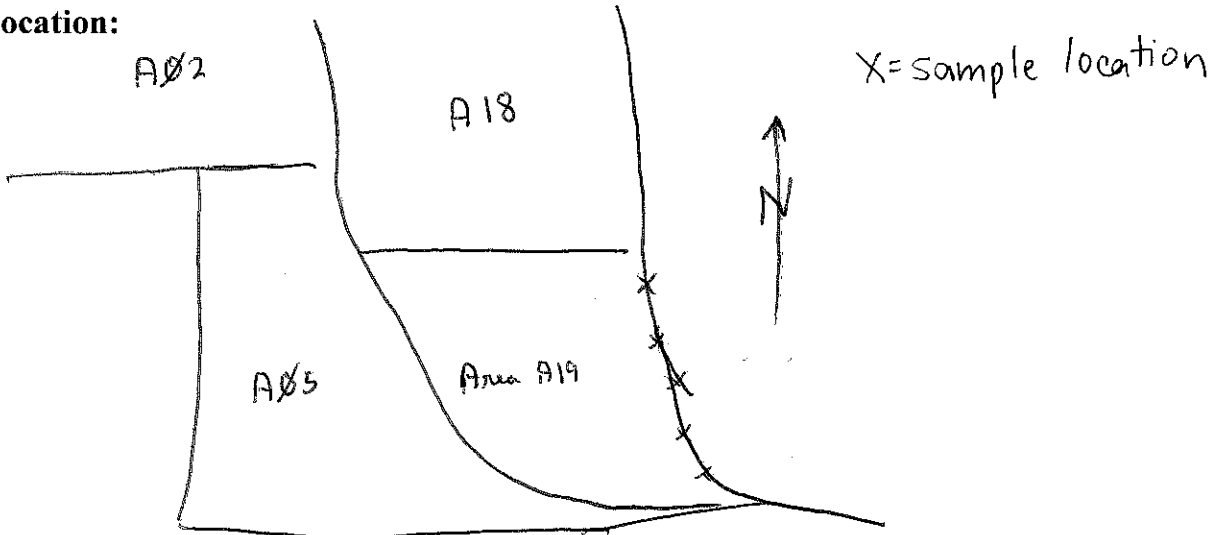
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

183-  
Comments: A19-PE 0-1  
Composite of 5 sample pts

Sketch Location:



Logged BY / Date: M. G. [Signature] 21 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF-062410-S-EMP

Location Code: **E183-CS104**

Sample Number: **PEF0114**

Sample Name: **E183-CS104-DS-PEF0114-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-21-10

Collection Time: 1015

Start Depth: 0'

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: RR/JG

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:

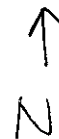
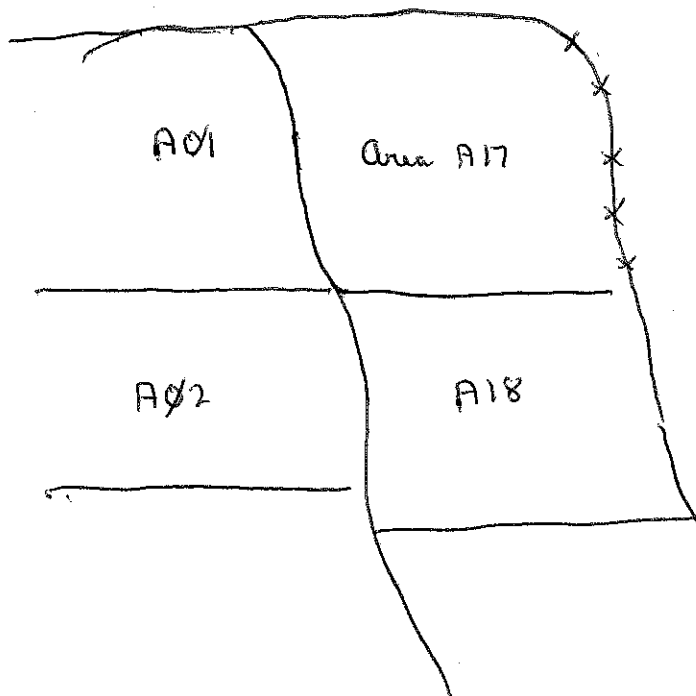
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A17-PE 0-1  
Composite of 5 sample pts

**Sketch Location:**

x= sample location



Logged BY / Date: MMH 21 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

REA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS105**

Sample Number: **PEF0115**

Sample Name: **E183-CS105-DS-PEF0115-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Hand auger

QC Partners:

(TB) \_\_\_\_\_ (ER) \_\_\_\_\_ (FB) \_\_\_\_\_

Task: **118166**

Collection Date: 6-21-10

Collection Time: 1030

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: QA / VB

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:

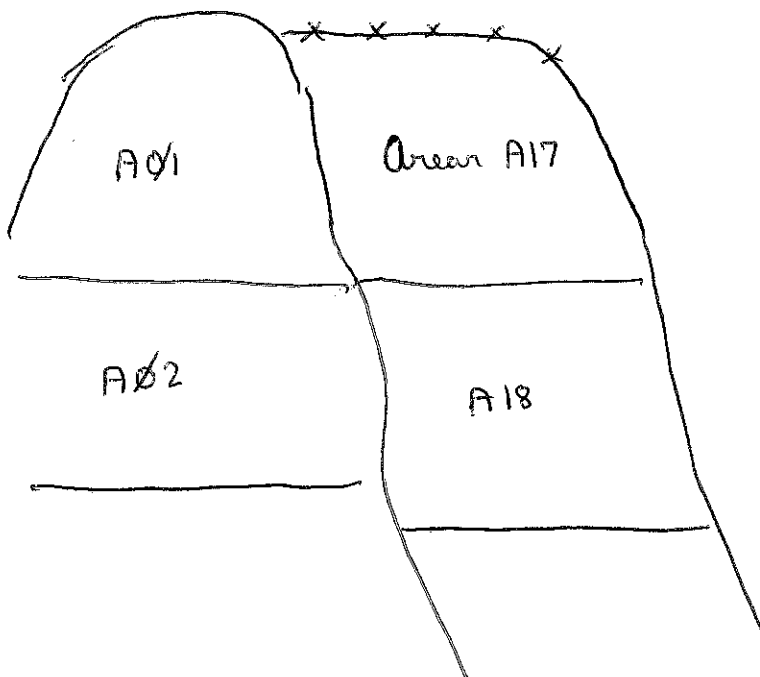
Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A17-PN 0-1  
Composite of 5 sample pts

Sketch Location:

X = sample location



Logged BY / Date: M. J. [Signature] 21 Jun 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

**118166 - Redstone- PBC**

Manager: Steve Moran

RFA / COC Number: PEF062410-S-EMP

Location Code: **E183-CS105**

Sample Number: **PEF0116**

Sample Name: **E183-CS105-DS-PEF0116-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **FD**

Sampling Equip: Hand auger

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 6-21-10

Collection Time: 1030

Start Depth: 0' bgs

End Depth: 1'

Sample Matrix: **SOIL**

Sample Team: OR / VB

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

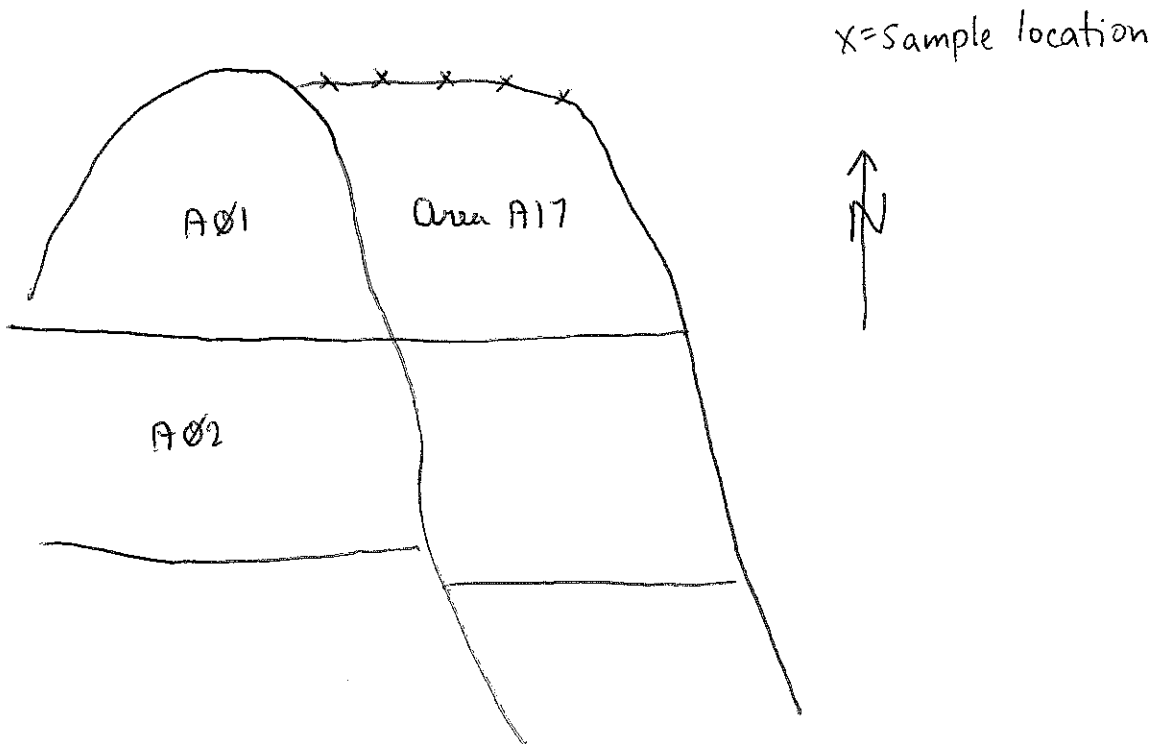
ERPIMS Values:

Sacode: \_\_\_\_\_

Lot Control#: \_\_\_\_\_

Comments: 183-A17-PN 0-1  
Composite of 5 sample pts

**Sketch Location:**



Logged BY / Date: M. G. L. 21 June 10

Reviewed BY / Date: E. McDonough 7/9/10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF063010-S-EMP

Location Code: E183-CS107  
 Sample Number: PEF0118  
 Sample Name: E183-CS107-DS-PEF0118-REG  
 Sampling Method: HA  
 Sample Type: DS                      Sample Purpose: REG  
 Equip: Hand auger

Task: 118166  
 Collection Date: 23-JUN-10  
 Collection Time: 15:45  
 Start Depth: 1  
 End Depth: 2  
 Sample Matrix: SOIL  
 Sample Team: RR/JG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4 oz	CWM	

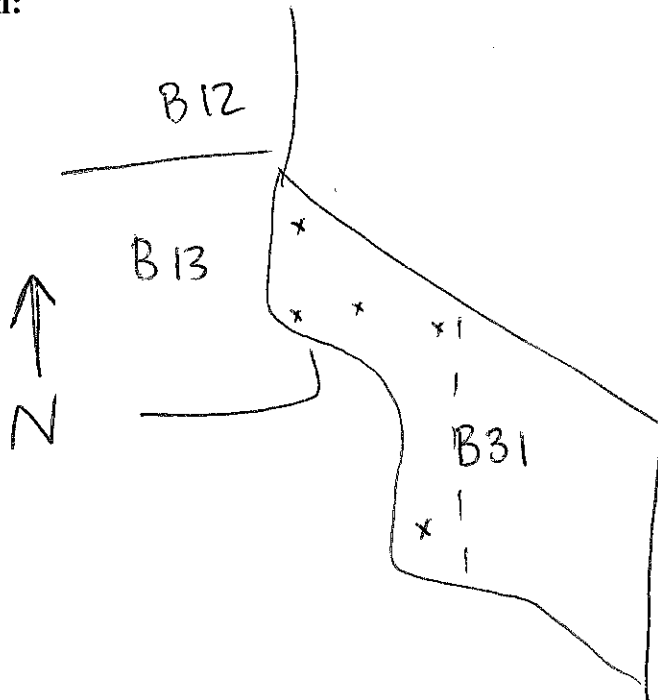
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-B31TW

5 pt. composite

**Sketch Location:**



Logged BY / Date: E. McDonough 6/30/10

Reviewed BY / Date: MJY 7-9-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF063010-S-EMP

Location Code: E183-CS108  
 Sample Number: PEF0119  
 Sample Name: E183-CS108-DS-PEF0119-REG  
 Sampling Method: HA  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 23-JUN-10  
 Collection Time: 16:25  
 Start Depth: ~~1~~  
 End Depth: ~~2~~  
 Sample Matrix: SOIL  
 Sample Team: RR/JG

Equip: Hand auger

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

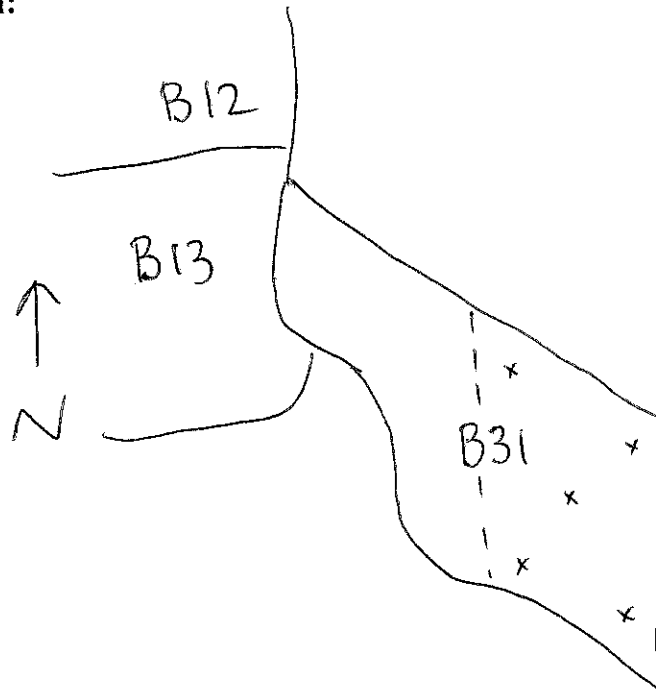
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-B31TE

5 pt. composite

**Sketch Location:**



Logged BY / Date: E. McDonough 6/30/10

Reviewed BY / Date: [Signature] 7-9-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF063010-S-EMP

Location Code: E183-CS109  
 Sample Number: PEF0120  
 Sample Name: E183-CS109-DS-PEF0120-REG  
 Sampling Method: HA  
 Sample Type: DS  
 Equip: Hand auger  
 Sample Purpose: REG

Task: 118166  
 Collection Date: 24-JUN-10  
 Collection Time: 13:50  
 Start Depth: 8'  
 End Depth: X2  
 Sample Matrix: SOIL  
 Sample Team: RR/JG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

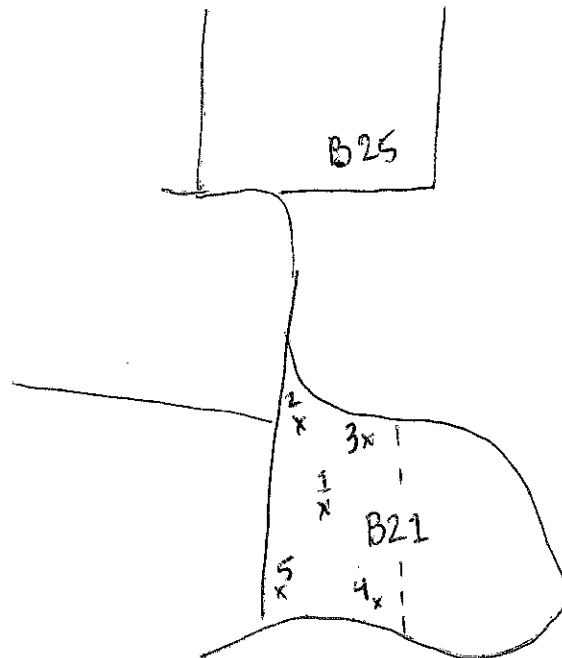
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-B21TW

3 pt. composite; refusal in W2 and W5

**Sketch Location:**



Logged BY / Date: E. McDonough 6/30/10

Reviewed BY / Date: MJG 7-9-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF063010-S-EMP

Location Code: **E183-CS110**  
 Sample Number: **PEF0121**  
 Sample Name: **E183-CS110-DS-PEF0121-REG**  
 Sampling Method: **HA**  
 Sample Type: **DS**      Sample Purpose: **REG**  
 Equip: *Hand auger*

Task: **118166**  
 Collection Date: **24-JUN-10**  
 Collection Time: **14:05**  
 Start Depth: ~~8~~ **1**  
 End Depth: ~~X~~ **2**  
 Sample Matrix: **SOIL**  
 Sample Team: **VB/OA**

Analytical Suite	Containers				Units	Type
	Flt	Ertn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

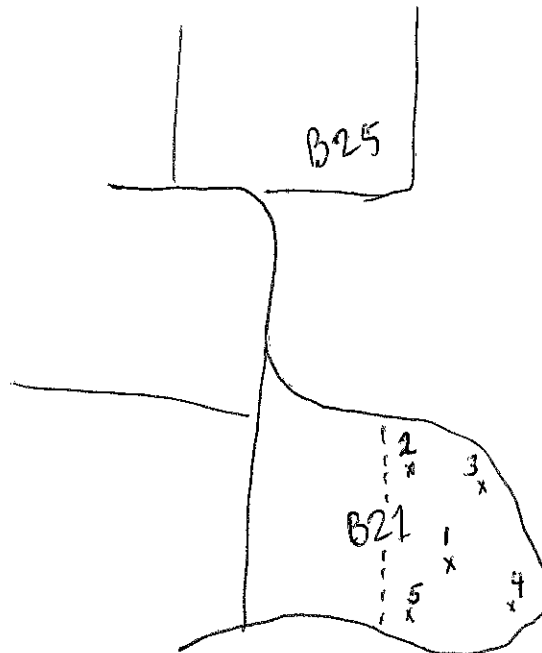
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-B21TE

*5 pt. composite*

**Sketch Location:**



Logged BY / Date: E. McDonough 6/30/10

Reviewed BY / Date: *[Signature]* 7-9-10





# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PEF063010-S-EMP

Location Code: E183-CS111  
 Sample Number: PEF0122  
 Sample Name: E183-CS111-DS-PEF0122-REG  
 Sampling Method: HA  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 23-JUN-10  
 Collection Time: 09:30  
 Start Depth: 0  
 End Depth: 1  
 Sample Matrix: SOIL  
 Sample Team: VB/OA

Equip: Hand auger

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4 oz	CWM	

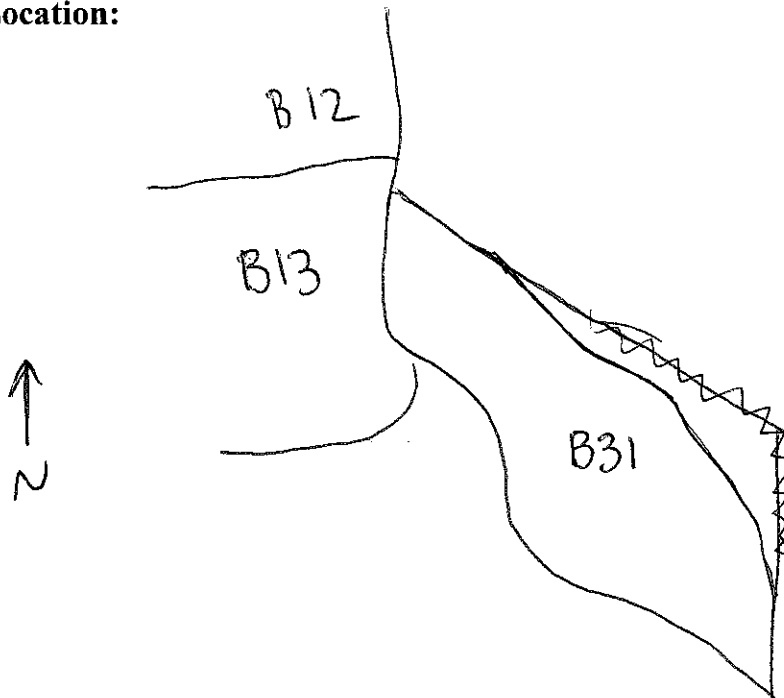
ERPIMS Values:  
 Sacode:  
 Lot Control#:

### Comments:

183-B31PE

5 pt. composite

### Sketch Location:



Logged BY / Date: E. McDonough 6/30/10

Reviewed BY / Date: MJY 7-9-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS112  
 Sample Number: PEF0123  
 Sample Name: E183-CS112-DS-PEF0123-REG  
 Sampling Method: ~~HA~~ DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 08-JUL-10  
 Collection Time: 10:20  
 Start Depth: 1' bgs  
 End Depth: 2'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers					
	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

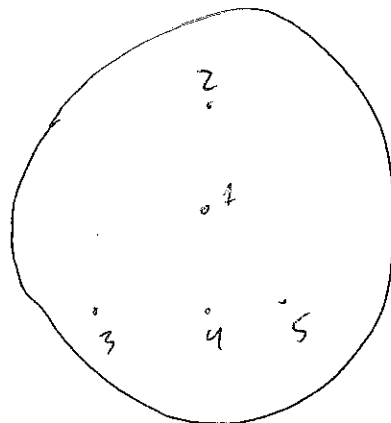
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-E01-T

5 pt. composite

**Sketch Location:**



AREA E01

Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: OK 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS113  
 Sample Number: PEF0124  
 Sample Name: E183-CS113-DS-PEF0124-REG  
 Sampling Method: <sup>EMP</sup> HA DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 08-JUL-10  
 Collection Time: 11:05  
 Start Depth: 1' <sup>bag</sup>  
 End Depth: 2'  
 Sample Matrix: SOIL  
 Sample Team: MG

**Containers**

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
 Sacode:  
 Lot Control#:

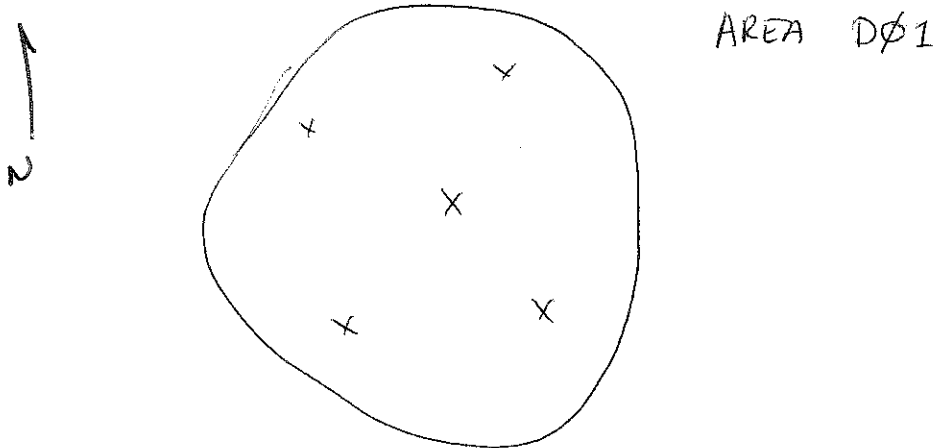
**Comments:**

183-D01-T

5 pt. composite

**Sketch Location:**

X=sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: OKC 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS114  
 Sample Number: PEF0125  
 Sample Name: E183-CS114-DS-PEF0125-REG  
 Sampling Method: ~~HA~~<sup>over</sup> DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 10:10  
 Start Depth: 1' bgs  
 End Depth: 2'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
 Sacode:  
 Lot Control#:

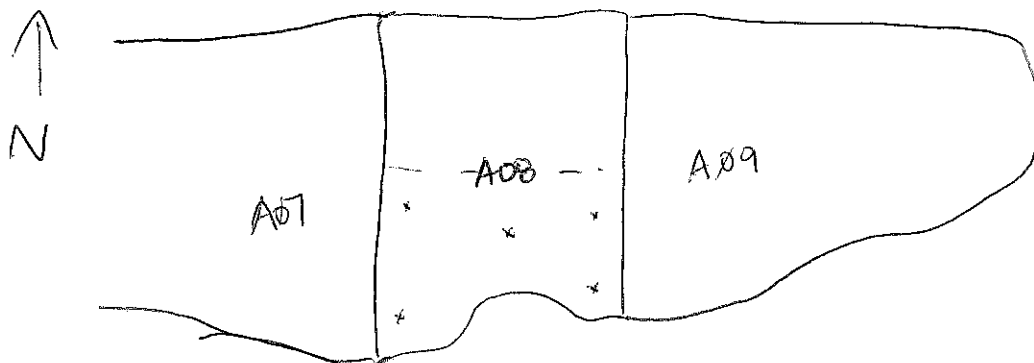
**Comments:**

183-A08-TS

5 pt. composite

**Sketch Location:**

x = sample location



Logged BY / Date: E. McDonough 7/12/10      Reviewed BY / Date: DeK 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS115  
 Sample Number: PEF0126  
 Sample Name: E183-CS115-DS-PEF0126-REG  
 Sampling Method: <sup>5m</sup> HA DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 09:50  
 Start Depth: 1' bgs  
 End Depth: 2'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4 oz	CWM	

ERPIMS Values:  
 Sacode:  
 Lot Control#:

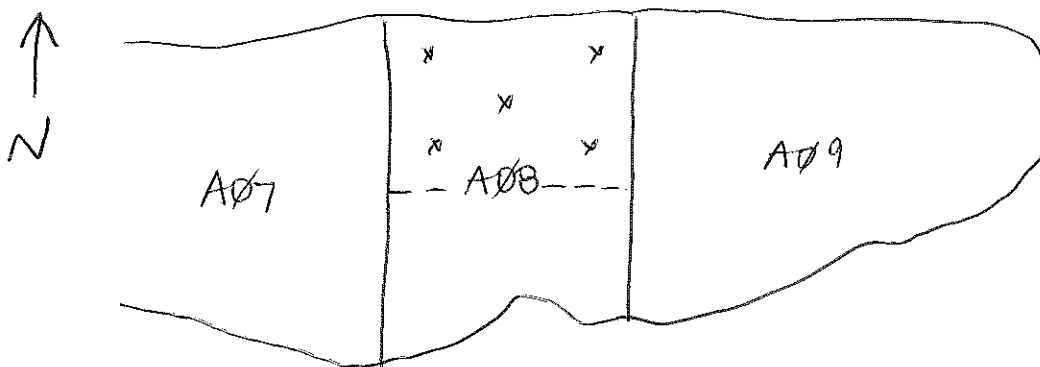
**Comments:**

183-A08-TN

5 pt. composite

**Sketch Location:**

X= sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: DeK

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS116  
 Sample Number: PEF0127  
 Sample Name: E183-CS116-DS-PEF0127-REG  
 Sampling Method: DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 14:00  
 Start Depth: 1' bgs  
 End Depth: 2'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers					
	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
 Sacode:  
 Lot Control#:

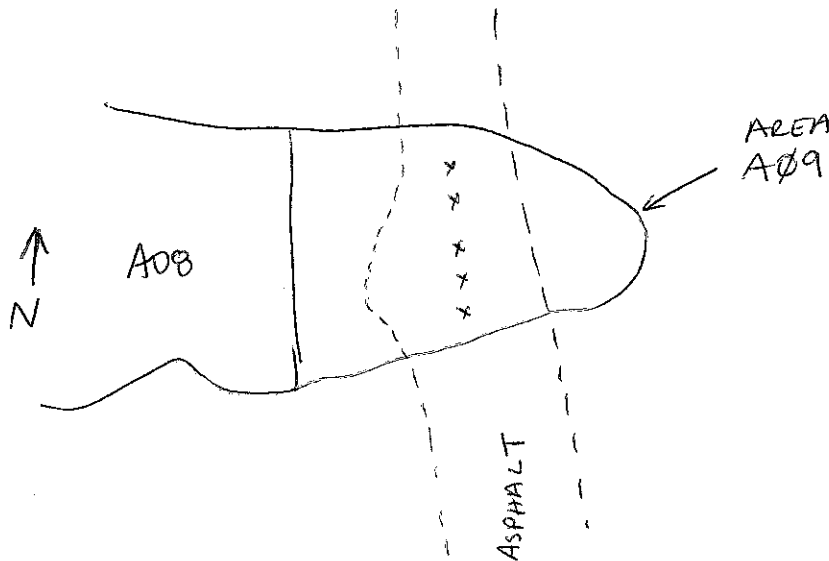
**Comments:**

183-A09-T Under Asphalt

5 pt. composite

**Sketch Location:**

x = sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: DeK 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS117  
 Sample Number: PEF0128  
 Sample Name: E183-CS117-DS-PEF0128-REG  
 Sampling Method: DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 14:25  
 Start Depth: 1' bgs  
 End Depth: 2' bgs  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers					
	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
 Sacode:  
 Lot Control#:

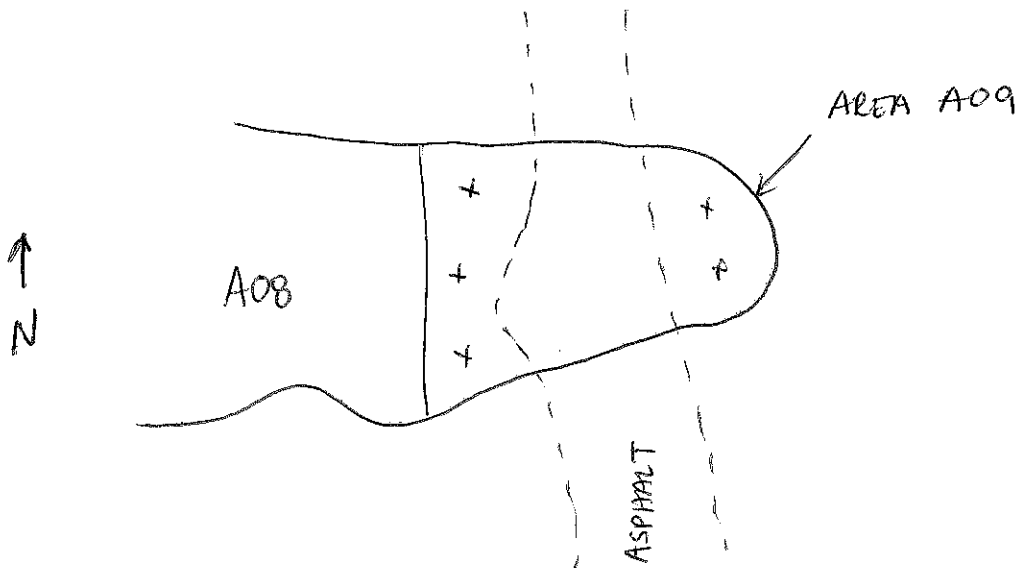
**Comments:**

183-A09-T Outside Asphalt.

5 pt. Composite

**Sketch Location:**

X= sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: Deke 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS118  
 Sample Number: PEF0129  
 Sample Name: E183-CS118-DS-PEF0129-REG  
 Sampling Method: DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 13:15  
 Start Depth: 0' bgs  
 End Depth: 1'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

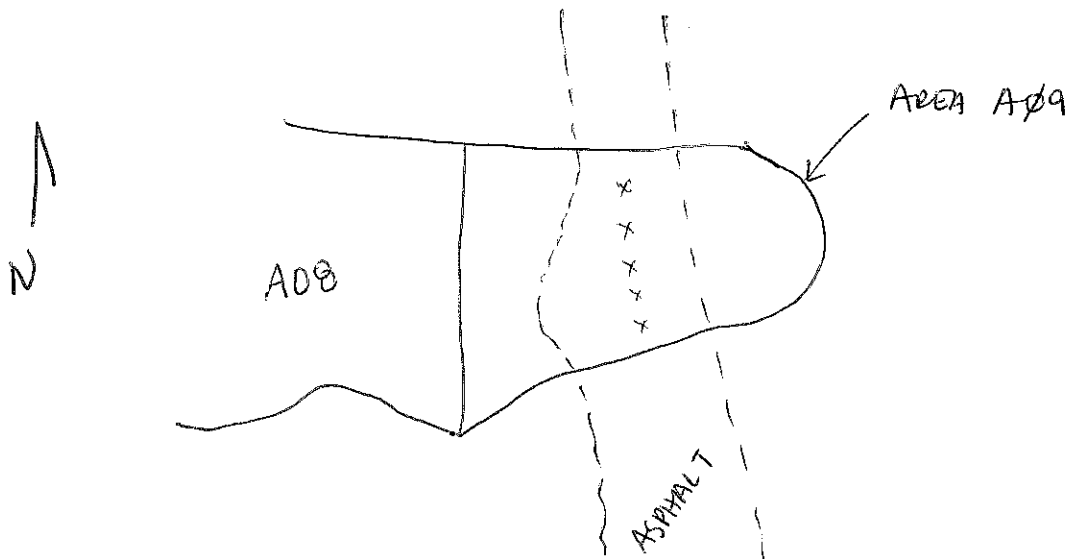
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-A09-T (part of TCLP Sample for Arsenic Only)

**Sketch Location:**

X=sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: Dex



# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS119  
 Sample Number: PEF0130  
 Sample Name: E183-CS119-DS-PEF0130-REG  
 Sampling Method: <sup>sw</sup>DP HA  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 10:00  
 Start Depth: 0' bgs  
 End Depth: 1'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
 Sacode:  
 Lot Control#:

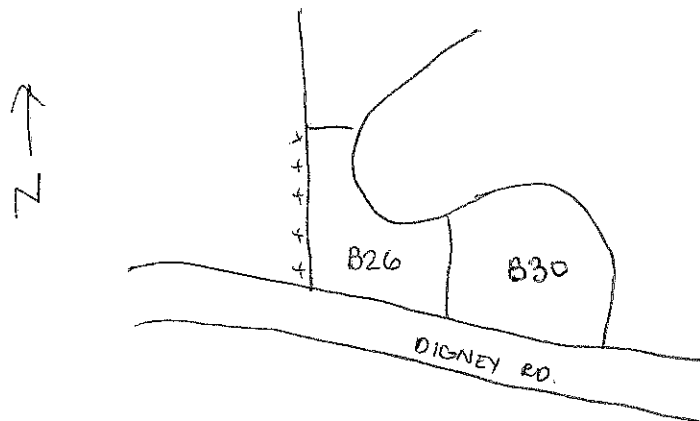
**Comments:**

183-B26-PW2

5 pt. composite

**Sketch Location:**

X = sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: 7-12-10 DEX

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: <b>E183-CS121</b>	Task: <b>118166</b>
Sample Number: <b>PEF0132</b>	Collection Date: <b>07-JUL-10</b>
Sample Name: <b>E183-CS121-DS-PEF0132-REG</b>	Collection Time: <b>10:20</b>
Sampling Method: <b>DP</b>	Start Depth: <b>0' bgs</b>
Sample Type: <b>DS</b>	End Depth: <b>1'</b>
Sample Purpose: <b>REG</b>	Sample Matrix: <b>SOIL</b>
	Sample Team: <b>MG</b>

		Containers				
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
Sacode:  
Lot Control#:

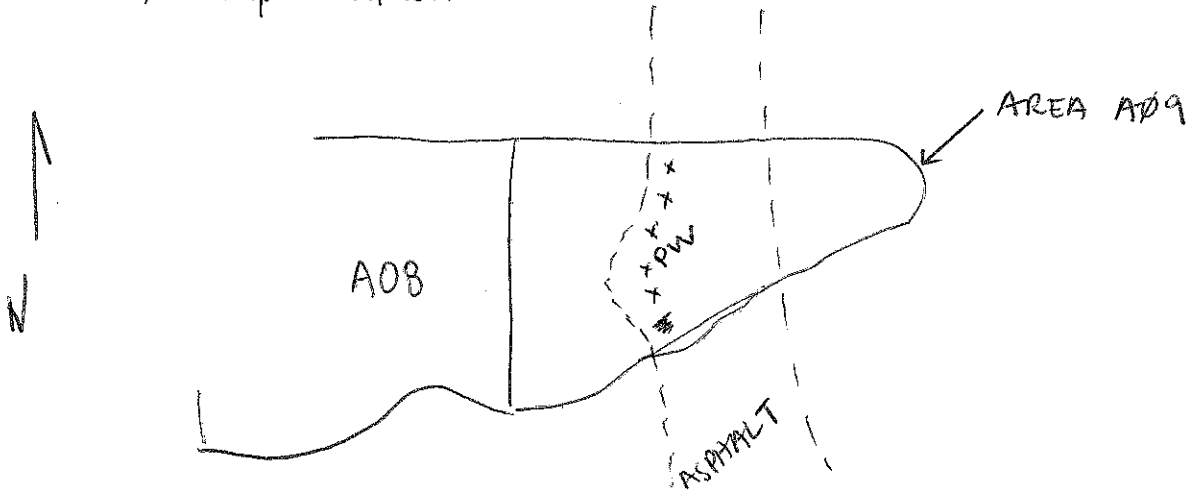
**Comments:**

183-A09-PW (Asphalt)

5 pt. composite

**Sketch Location:**

X = sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: Dex 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS122  
 Sample Number: PEF0133  
 Sample Name: E183-CS122-DS-PEF0133-REG  
 Sampling Method: <sup>W</sup>DP HA  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 10:40  
 Start Depth: 0' bgs  
 End Depth: 1'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

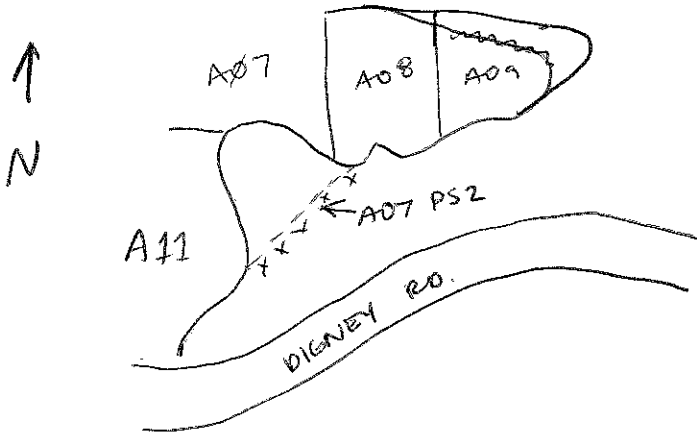
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-A07-PS2  
 5 pt. composite

**Sketch Location:**

X=sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: DeK 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS122  
 Sample Number: PEF0133-MS  
 Sample Name: E183-CS122-DS-PEF0133-MS-MS  
 Sampling Method: <sup>CW</sup> DP HA  
 Sample Type: DS                      Sample Purpose: MS

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 10:40  
 Start Depth: 0'  
 End Depth: 1' <sup>bgs</sup>  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-A07-PS2

5 pt. composite

**Sketch Location:**

See primary SCL

Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: OK 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS122  
Sample Number: PEF0133-MSD  
Sample Name: E183-CS122-DS-PEF0133-MSD-MSD  
Sampling Method: <sup>DP</sup> DP HA  
Sample Type: DS                      Sample Purpose: MSD

Task: 118166  
Collection Date: 07-JUL-10  
Collection Time: 10:40  
Start Depth: 0' bgs  
End Depth: 1' bgs  
Sample Matrix: SOIL  
Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
Sacode:  
Lot Control#:

**Comments:**

183-A07-PS2  
5 pt. composite

**Sketch Location:**

See primary SCL

Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: 7-12-10  
Ock

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS123  
 Sample Number: PEF0134  
 Sample Name: E183-CS123-DS-PEF0134-REG  
 Sampling Method: DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 15:45  
 Start Depth: 0' *bgs*  
 End Depth: 1'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

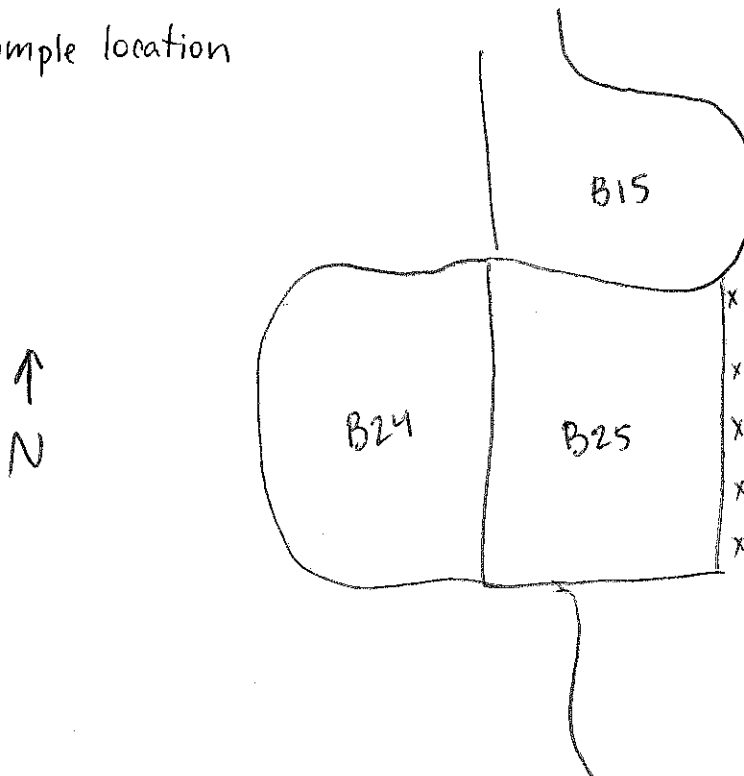
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-B25-PE2  
 5 pt. composite

**Sketch Location:**

X=sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: Deil 7-12-10  
7/12/10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: **E183-CS124**  
 Sample Number: **PEF0135**  
 Sample Name: **E183-CS124-DS-PEF0135-REG**  
 Sampling Method: **DP**  
 Sample Type: **DS**                      Sample Purpose: **REG**

Task: **118166**  
 Collection Date: **07-JUL-10**  
 Collection Time: **11:00**  
 Start Depth: **0'**  
 End Depth: **1' bgs**  
 Sample Matrix: **SOIL**  
 Sample Team: **MG**

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

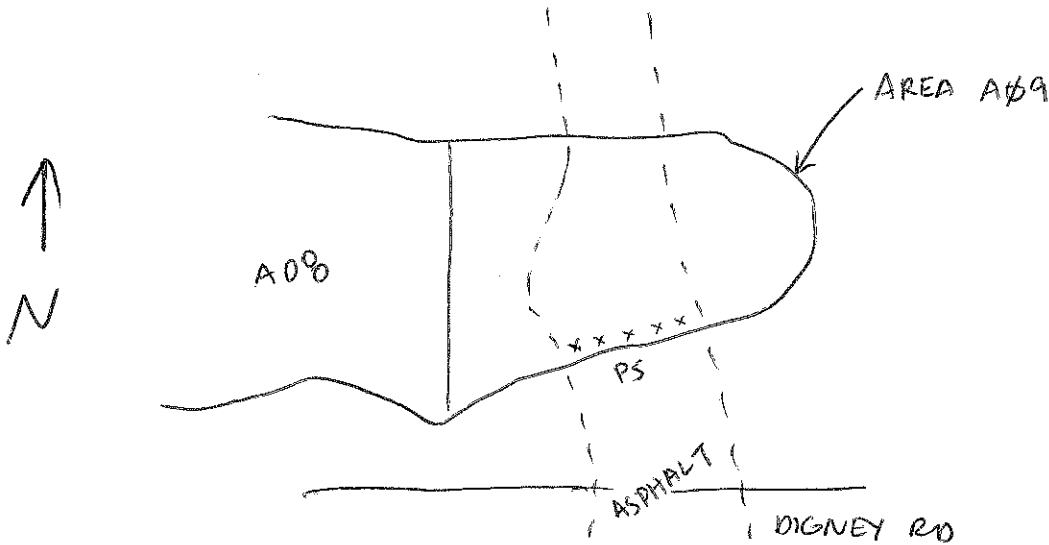
ERPIMS Values:  
 Sacode:  
 Lot Control#:

**Comments:**

183-A09-PS (Asphalt)  
 5 pt. composite

**Sketch Location:**

X=sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: DOK 7-12-10

# Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 183-070910-EMP

Location Code: E183-CS125  
 Sample Number: PEF0136  
 Sample Name: E183-CS125-DS-PEF0136-REG  
 Sampling Method: DP  
 Sample Type: DS                      Sample Purpose: REG

Task: 118166  
 Collection Date: 07-JUL-10  
 Collection Time: 12:55  
 Start Depth: 0' bgs  
 End Depth: 1'  
 Sample Matrix: SOIL  
 Sample Team: MG

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC	N	A	1	4	oz	CWM

ERPIMS Values:  
 Sacode:  
 Lot Control#:

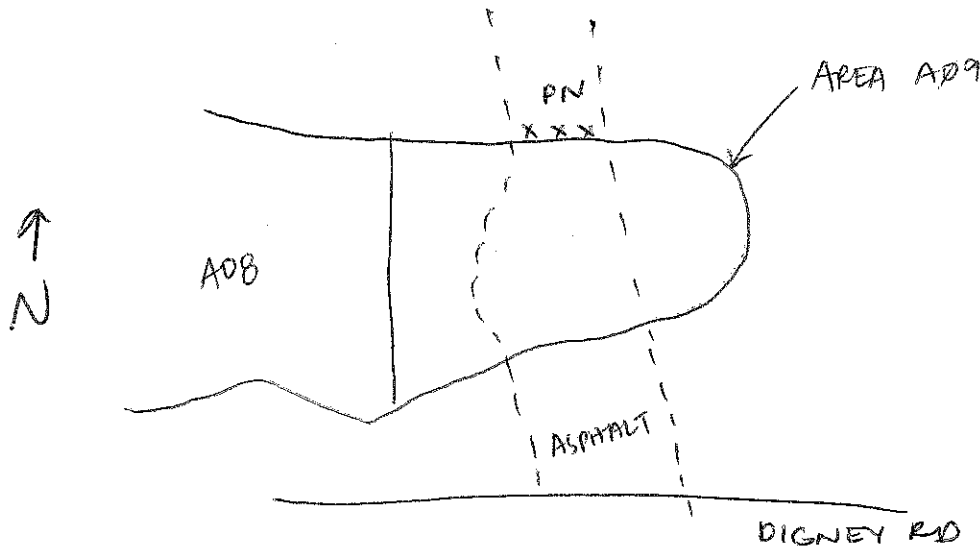
**Comments:**

183-A09-PN (Asphalt)

3 pt. composite

**Sketch Location:**

X=sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: Dak 7-12-10