

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-30	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6144	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:09
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.120900
Sample Tag: 01	Percent Solid: 90.7	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.474		0.102	0.0102

Microbac Laboratories Inc.

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-30	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PFG6144	Analytical Method: 6010C	Prep Date: 07/14/2011 12:26
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370342	Dilution: 1	Run Date: 07/15/2011 12:32
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.123216
Sample Tag: 01	Percent Solid: 90.7	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	8.68		0.769	0.384

Microbac Laboratories Inc.

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-30
Client ID: PFG6144
Matrix: Soil
Workgroup Number: WG370326
Collect Date: 13-JUL-11
Sample Tag: 01

Prep Method: D2216-90
Analytical Method: D2216-90
Analyst: JDH
Dilution: 1
Units: weight %

Instrument: BAL001
Prep Date: 07/15/2011 09:09
Cal Date:
Run Date: 07/15/2011 09:09
File ID: B1.370326-0130

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	90.7		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-31	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6145	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:11
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.121116
Sample Tag: 01	Percent Solid: 90.8	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.488		0.105	0.0105

Microbac Laboratories Inc.

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-31	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PFG6145	Analytical Method: 6010C	Prep Date: 07/14/2011 12:26
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370342	Dilution: 1	Run Date: 07/15/2011 12:35
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.123531
Sample Tag: 01	Percent Solid: 90.8	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	8.94		0.788	0.394

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-31
Client ID: PFG6145
Matrix: Soil
Workgroup Number: WG370326
Collect Date: 13-JUL-11
Sample Tag: 01

Prep Method: D2216-90
Analytical Method: D2216-90
Analyst: JDH
Dilution: 1
Units: weight %

Instrument: BAL001
Prep Date: 07/15/2011 09:09
Cal Date:
Run Date: 07/15/2011 09:09
File ID: B1.370326-0131

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	90.8		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-32	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6146	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:13
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.121313
Sample Tag: 01	Percent Solid: 91.1	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.391		0.106	0.0106

Microbac Laboratories Inc.

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-32	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PFG6146	Analytical Method: 6010C	Prep Date: 07/14/2011 12:26
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370342	Dilution: 1	Run Date: 07/15/2011 12:38
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.123846
Sample Tag: 01	Percent Solid: 91.1	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	5.94		0.832	0.416

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-32	Prep Method: D2216-90	Instrument: BAL001
Client ID: PFG6146	Analytical Method: D2216-90	Prep Date: 07/15/2011 09:09
Matrix: Soil	Analyst: JDH	Cal Date: _____
Workgroup Number: WG370326	Dilution: 1	Run Date: 07/15/2011 09:09
Collect Date: 13-JUL-11	Units: weight %	File ID: B1.370326-0132
Sample Tag: 01		

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	91.1		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-33	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6147	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:15
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.121517
Sample Tag: 01	Percent Solid: 91.8	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.360		0.102	0.0102

Microbac Laboratories Inc.

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-33
Client ID: PFG6147
Matrix: Soil
Workgroup Number: WG370342
Collect Date: 13-JUL-11
Sample Tag: 01
Prep Method: 3051A
Analytical Method: 6010C
Analyst: PDM
Dilution: 1
Units: mg/kg
Percent Solid: 91.8
Instrument: ICP-THERMO2
Prep Date: 07/14/2011 12:26
Cal Date: 07/15/2011 09:19
Run Date: 07/15/2011 12:42
File ID: T2.071511.124212

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	5.70		0.830	0.415

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-33	Prep Method: D2216-90	Instrument: BAL001
Client ID: PFG6147	Analytical Method: D2216-90	Prep Date: 07/15/2011 09:09
Matrix: Soil	Analyst: JDH	Cal Date: _____
Workgroup Number: WG370326	Dilution: 1	Run Date: 07/15/2011 09:09
Collect Date: 13-JUL-11	Units: weight %	File ID: B1.370326-0133
Sample Tag: 01		

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	91.8		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-34	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6148	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:17
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.121735
Sample Tag: 01	Percent Solid: 92.1	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.482		0.106	0.0106

Microbac Laboratories Inc.

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-34	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PFG6148	Analytical Method: 6010C	Prep Date: 07/14/2011 12:26
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370342	Dilution: 1	Run Date: 07/15/2011 12:45
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.124537
Sample Tag: 01	Percent Solid: 92.1	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	5.86		0.782	0.391

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-34
Client ID: PFG6148
Matrix: Soil
Workgroup Number: WG370326
Collect Date: 13-JUL-11
Sample Tag: 01

Prep Method: D2216-90
Analytical Method: D2216-90
Analyst: JDH
Dilution: 1
Units: weight %

Instrument: BAL001
Prep Date: 07/15/2011 09:09
Cal Date:
Run Date: 07/15/2011 09:09
File ID: B1.370326-0134

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	92.1		1.00	1.00

Microbac Laboratories Inc.

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-35	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6149	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:19
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.121932
Sample Tag: 01	Percent Solid: 94.3	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.148		0.103	0.0103



Microbac Laboratories Inc.

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-35
Client ID: PFG6149
Matrix: Soil
Workgroup Number: WG370342
Collect Date: 13-JUL-11
Sample Tag: 01
Prep Method: 3051A
Analytical Method: 6010C
Analyst: PDM
Dilution: 1
Units: mg/kg
Percent Solid: 94.3
Instrument: ICP-THERMO2
Prep Date: 07/14/2011 12:26
Cal Date: 07/15/2011 09:19
Run Date: 07/15/2011 12:48
File ID: T2.071511.124859

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	8.03		0.775	0.387

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-35
Client ID: PFG6149
Matrix: Soil
Workgroup Number: WG370326
Collect Date: 13-JUL-11
Sample Tag: 01

Prep Method: D2216-90
Analytical Method: D2216-90
Analyst: JDH
Dilution: 1
Units: weight %

Instrument: BAL001
Prep Date: 07/15/2011 09:09
Cal Date:
Run Date: 07/15/2011 09:09
File ID: B1.370326-0135

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	94.3		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-36	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6150	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:21
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.122117
Sample Tag: 01	Percent Solid: 94.4	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.165		0.0992	0.00992

Microbac Laboratories Inc.

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-36
Client ID: PFG6150
Matrix: Soil
Workgroup Number: WG370342
Collect Date: 13-JUL-11
Sample Tag: 01
Prep Method: 3051A
Analytical Method: 6010C
Analyst: PDM
Dilution: 1
Units: mg/kg
Percent Solid: 94.4
Instrument: ICP-THERMO2
Prep Date: 07/14/2011 12:26
Cal Date: 07/15/2011 09:19
Run Date: 07/15/2011 12:59
File ID: T2.071511.125910

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	8.58		0.782	0.391



Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-36	Prep Method: D2216-90	Instrument: BAL001
Client ID: PFG6150	Analytical Method: D2216-90	Prep Date: 07/15/2011 09:09
Matrix: Soil	Analyst: JDH	Cal Date: _____
Workgroup Number: WG370326	Dilution: 1	Run Date: 07/15/2011 09:09
Collect Date: 13-JUL-11	Units: weight %	File ID: B1.370326-0136
Sample Tag: 01		

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	94.4		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-37	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6151	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:28
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.122802
Sample Tag: 01	Percent Solid: 94.6	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.132		0.102	0.0102

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-37	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PFG6151	Analytical Method: 6010C	Prep Date: 07/14/2011 12:26
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370342	Dilution: 1	Run Date: 07/15/2011 13:02
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.130234
Sample Tag: 01	Percent Solid: 94.6	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	7.78		0.775	0.387

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-37
Client ID: PFG6151
Matrix: Soil
Workgroup Number: WG370326
Collect Date: 13-JUL-11
Sample Tag: 01
Prep Method: D2216-90
Analytical Method: D2216-90
Analyst: JDH
Dilution: 1
Units: weight %
Instrument: BAL001
Prep Date: 07/15/2011 09:09
Cal Date:
Run Date: 07/15/2011 09:09
File ID: B1.370326-0137

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	94.6		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-38	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6152	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:29
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.122945
Sample Tag: 01	Percent Solid: 96.4	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.0201	J	0.103	0.0103

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-38	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PFG6152	Analytical Method: 6010C	Prep Date: 07/14/2011 12:26
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370342	Dilution: 1	Run Date: 07/15/2011 13:05
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.130558
Sample Tag: 01	Percent Solid: 96.4	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	7.57		0.717	0.358

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-38
Client ID: PFG6152
Matrix: Soil
Workgroup Number: WG370326
Collect Date: 13-JUL-11
Sample Tag: 01

Prep Method: D2216-90
Analytical Method: D2216-90
Analyst: JDH
Dilution: 1
Units: weight %

Instrument: BAL001
Prep Date: 07/15/2011 09:09
Cal Date:
Run Date: 07/15/2011 09:09
File ID: B1.370326-0138

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	96.4		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-39	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6153	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:31
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.123127
Sample Tag: 01	Percent Solid: 96.3	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.0218	J	0.0982	0.00982

Microbac Laboratories Inc.

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-39	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PFG6153	Analytical Method: 6010C	Prep Date: 07/14/2011 12:26
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370342	Dilution: 1	Run Date: 07/15/2011 13:09
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.130925
Sample Tag: 01	Percent Solid: 96.3	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	7.79		0.777	0.389

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-39
Client ID: PFG6153
Matrix: Soil
Workgroup Number: WG370326
Collect Date: 13-JUL-11
Sample Tag: 01

Prep Method: D2216-90
Analytical Method: D2216-90
Analyst: JDH
Dilution: 1
Units: weight %

Instrument: BAL001
Prep Date: 07/15/2011 09:09
Cal Date:
Run Date: 07/15/2011 09:09
File ID: B1.370326-0139

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	96.3		1.00	1.00

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-40	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6154	Analytical Method: 7471B	Prep Date: 07/14/2011 12:28
Matrix: Soil	Analyst: PDM	Cal Date: 07/19/2011 11:29
Workgroup Number: WG370379	Dilution: 1	Run Date: 07/19/2011 12:33
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071911.123324
Sample Tag: 01	Percent Solid: 96.1	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.0268	J	0.0996	0.00996

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-40	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PFG6154	Analytical Method: 6010C	Prep Date: 07/14/2011 12:26
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370342	Dilution: 1	Run Date: 07/15/2011 13:12
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.131252
Sample Tag: 01	Percent Solid: 96.1	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	8.31		0.772	0.386

Microbac Laboratories Inc.

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-40	Prep Method: D2216-90	Instrument: BAL001
Client ID: PFG6154	Analytical Method: D2216-90	Prep Date: 07/15/2011 09:09
Matrix: Soil	Analyst: JDH	Cal Date: _____
Workgroup Number: WG370326	Dilution: 1	Run Date: 07/15/2011 09:09
Collect Date: 13-JUL-11	Units: weight %	File ID: B1.370326-0140
Sample Tag: 01		

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	96.1		1.00	1.00

Report Number: L11070371

Report Date : July 19, 2011

Sample Number: L11070371-41	Prep Method: 7471	Instrument: HYDRA
Client ID: PFG6155	Analytical Method: 7471B	Prep Date: 07/15/2011 12:27
Matrix: Soil	Analyst: PDM	Cal Date: 07/18/2011 11:21
Workgroup Number: WG370470	Dilution: 2	Run Date: 07/18/2011 11:49
Collect Date: 13-JUL-11	Units: mg/kg	File ID: HY.071811.114949
Sample Tag: DL01	Percent Solid: 90.7	

Analyte	CAS. Number	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	1.12		0.210	0.0210

Microbac Laboratories Inc.

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-41	Prep Method: 3051A	Instrument: ICP-THERMO2
Client ID: PF6155	Analytical Method: 6010C	Prep Date: 07/14/2011 13:23
Matrix: Soil	Analyst: PDM	Cal Date: 07/15/2011 09:19
Workgroup Number: WG370439	Dilution: 1	Run Date: 07/15/2011 17:09
Collect Date: 13-JUL-11	Units: mg/kg	File ID: T2.071511.170934
Sample Tag: 01	Percent Solid: 90.7	

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	26.0		0.805	0.403

Microbac Laboratories Inc.

Report Number: **L11070371**

Report Date : **July 19, 2011**

Sample Number: L11070371-41	Prep Method: D2216-90	Instrument: BAL001
Client ID: PFG6155	Analytical Method: D2216-90	Prep Date: 07/15/2011 09:09
Matrix: Soil	Analyst: JDH	Cal Date: _____
Workgroup Number: WG370326	Dilution: 1	Run Date: 07/15/2011 09:09
Collect Date: 13-JUL-11	Units: weight %	File ID: B1.370326-0141
Sample Tag: 01		

Analyte	CAS. Number	Result	Qual	RL	MDL
Percent Solids	10-02-6	90.7		1.00	1.00



ANALYSIS DATA SHEET

PFG0001

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Soil

Laboratory ID: 1006150-01

Sampled: 06/11/10 10:05

Received: 06/19/10 11:00

% Solids: 88.95

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	1040	0.649	2.16	1		SW6010C	0F23003	06/24/10 19:42

ANALYSIS DATA SHEET

PFG0002

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006150-02

Sampled: 06/11/10 12:10

Received: 06/19/10 11:00

% Solids: 89.53

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	269	0.677	2.26	1		SW6010C	0F23003	06/24/10 19:47

ANALYSIS DATA SHEET

PFG0003

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006150-03

Sampled: 06/11/10 12:30

Received: 06/19/10 11:00

% Solids: 90.44

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	663	0.657	2.19	1		SW6010C	0F23003	06/24/10 19:52

ANALYSIS DATA SHEET

PFG0004

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006150-04

Sampled: 06/11/10 12:30

Received: 06/19/10 11:00

% Solids: 91.03

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	592	0.653	2.18	1		SW6010C	0F23003	06/24/10 19:57

ANALYSIS DATA SHEET

PFG0005

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_003

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1006150-05

Sampled: 06/11/10 10:20

Received: 06/19/10 11:00

% Solids: 91.11

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	324	0.652	2.17	1		SW6010C	0F23003	06/24/10 20:02

ANALYSIS DATA SHEET

PFG0006

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-01

Sampled: 06/28/10 12:00

Received: 07/01/10 08:30

% Solids: 91.30

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.65	0.614	2.05	1		SW6010C	0G06004	07/07/10 18:38

ANALYSIS DATA SHEET

PFG0007

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-02

Sampled: 06/26/10 08:30

Received: 07/01/10 08:30

% Solids: 92.99

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	6.36	0.633	2.11	1		SW6010C	0G06004	07/07/10 18:43

ANALYSIS DATA SHEET

PFG0008

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-03

Sampled: 06/25/10 11:15

Received: 07/01/10 08:30

% Solids: 88.53

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	38.9	0.671	2.24	1		SW6010C	0G06004	07/07/10 18:48

ANALYSIS DATA SHEET

PFG0009

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-04

Sampled: 06/25/10 11:30

Received: 07/01/10 08:30

% Solids: 90.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	39.4	0.686	2.29	1		SW6010C	0G06004	07/07/10 18:54

ANALYSIS DATA SHEET

PFG0010

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-05

Sampled: 06/26/10 12:30

Received: 07/01/10 08:30

% Solids: 90.45

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.85	0.650	2.17	1		SW6010C	0G06004	07/07/10 19:13

ANALYSIS DATA SHEET

PFG0011

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-06

Sampled: 06/26/10 10:00

Received: 07/01/10 08:30

% Solids: 82.87

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	12.2	0.703	2.34	1		SW6010C	0G06004	07/07/10 19:18

ANALYSIS DATA SHEET

PFG0012

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-07

Sampled: 06/29/10 10:50

Received: 07/01/10 08:30

% Solids: 89.19

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.3	0.660	2.20	1		SW6010C	0G06004	07/07/10 19:23

ANALYSIS DATA SHEET

PFG0013

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-08

Sampled: 06/26/10 11:05

Received: 07/01/10 08:30

% Solids: 89.08

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	20.9	0.687	2.29	1		SW6010C	0G06004	07/07/10 19:49

ANALYSIS DATA SHEET

PFG0014

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-09

Sampled: 06/28/10 12:15

Received: 07/01/10 08:30

% Solids: 89.88

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	4.63	0.703	2.34	1		SW6010C	0G06004	07/07/10 19:54

ANALYSIS DATA SHEET

PFG0015

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-10

Sampled: 06/28/10 12:15

Received: 07/01/10 08:30

% Solids: 90.06

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	4.69	0.687	2.29	1		SW6010C	0G06004	07/07/10 20:00

ANALYSIS DATA SHEET

PFG0016

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-11

Sampled: 06/26/10 10:45

Received: 07/01/10 08:30

% Solids: 88.30

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	24.4	0.673	2.24	1		SW6010C	0G06004	07/07/10 20:05

ANALYSIS DATA SHEET

PFG0017

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-12

Sampled: 06/28/10 09:50

Received: 07/01/10 08:30

% Solids: 89.91

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	45.3	0.618	2.06	1		SW6010C	0G06004	07/07/10 20:10

ANALYSIS DATA SHEET

PFG0018

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-13

Sampled: 06/28/10 15:40

Received: 07/01/10 08:30

% Solids: 90.47

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.40	0.684	2.28	1		SW6010C	0G06004	07/07/10 20:15

ANALYSIS DATA SHEET

PF0019

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-14

Sampled: 06/28/10 15:50

Received: 07/01/10 08:30

% Solids: 89.74

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.6	0.682	2.27	1		SW6010C	0G06004	07/07/10 20:21

ANALYSIS DATA SHEET

PFG0020

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-15

Sampled: 06/25/10 09:45

Received: 07/01/10 08:30

% Solids: 90.76

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	25.2	0.630	2.10	1		SW6010C	0G06005	07/07/10 20:52

ANALYSIS DATA SHEET

PFG0021

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-16

Sampled: 06/28/10 11:30

Received: 07/01/10 08:30

% Solids: 88.86

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.85	0.643	2.14	1		SW6010C	0G06005	07/07/10 20:58

ANALYSIS DATA SHEET

PFG0022

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-17

Sampled: 06/28/10 11:10

Received: 07/01/10 08:30

% Solids: 89.52

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	15.2	0.657	2.19	1		SW6010C	0G06005	07/07/10 21:03

ANALYSIS DATA SHEET

PFG0023

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-18

Sampled: 06/28/10 11:05

Received: 07/01/10 08:30

% Solids: 89.62

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.20	0.669	2.23	1		SW6010C	0G06005	07/07/10 21:08

ANALYSIS DATA SHEET

PFG0024

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-19

Sampled: 06/25/10 09:40

Received: 07/01/10 08:30

% Solids: 87.49

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	35.8	0.693	2.31	1		SW6010C	0G06005	07/07/10 21:13

ANALYSIS DATA SHEET

PFG0025

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-20

Sampled: 06/25/10 09:50

Received: 07/01/10 08:30

% Solids: 88.93

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	19.2	0.643	2.14	1		SW6010C	0G06005	07/07/10 21:18

ANALYSIS DATA SHEET

PFG0026

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-21

Sampled: 06/25/10 09:50

Received: 07/01/10 08:30

% Solids: 88.70

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	19.8	0.663	2.21	1		SW6010C	0G06005	07/07/10 21:23

ANALYSIS DATA SHEET

PFG0027

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-22

Sampled: 06/26/10 08:10

Received: 07/01/10 08:30

% Solids: 86.91

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.54	0.719	2.40	1		SW6010C	0G06005	07/07/10 21:29

ANALYSIS DATA SHEET

PFG0028

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-23

Sampled: 06/26/10 09:30

Received: 07/01/10 08:30

% Solids: 86.37

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	12.4	0.688	2.29	1		SW6010C	0G06005	07/07/10 21:34

ANALYSIS DATA SHEET

PFG0029

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-24

Sampled: 06/26/10 08:20

Received: 07/01/10 08:30

% Solids: 87.06

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	15.0	0.710	2.37	1		SW6010C	0G06005	07/07/10 21:39

ANALYSIS DATA SHEET

PFG0030

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-25

Sampled: 06/26/10 09:40

Received: 07/01/10 08:30

% Solids: 86.98

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	18.1	0.690	2.30	1		SW6010C	0G06005	07/07/10 21:58

ANALYSIS DATA SHEET

PFG0031

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-26

Sampled: 06/26/10 08:45

Received: 07/01/10 08:30

% Solids: 85.16

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.2	0.750	2.50	1		SW6010C	0G06005	07/07/10 22:25

ANALYSIS DATA SHEET

PFG0032

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-27

Sampled: 06/26/10 08:50

Received: 07/01/10 08:30

% Solids: 85.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.41	0.750	2.50	1		SW6010C	0G06005	07/07/10 22:30

ANALYSIS DATA SHEET

PFG0033

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-28

Sampled: 06/26/10 12:15

Received: 07/01/10 08:30

% Solids: 88.67

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.7	0.684	2.28	1		SW6010C	0G06005	07/07/10 22:35

ANALYSIS DATA SHEET

PFG0034

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-29

Sampled: 06/26/10 10:20

Received: 07/01/10 08:30

% Solids: 89.76

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	20.7	0.675	2.25	1		SW6010C	0G06005	07/07/10 22:41

ANALYSIS DATA SHEET

PFG0035

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-30

Sampled: 06/26/10 10:15

Received: 07/01/10 08:30

% Solids: 88.72

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	22.9	0.663	2.21	1		SW6010C	0G06005	07/07/10 22:46

ANALYSIS DATA SHEET

PFG0036

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-31

Sampled: 06/29/10 09:40

Received: 07/01/10 08:30

% Solids: 92.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	17.3	0.609	2.03	1		SW6010C	0G06005	07/07/10 22:51

ANALYSIS DATA SHEET

PFG0037

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-32

Sampled: 06/29/10 09:40

Received: 07/01/10 08:30

% Solids: 91.47

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	17.2	0.619	2.06	1		SW6010C	0G06005	07/07/10 22:56

ANALYSIS DATA SHEET

PFG0038

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-33

Sampled: 06/26/10 12:05

Received: 07/01/10 08:30

% Solids: 87.73

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.27	0.684	2.28	1		SW6010C	0G06005	07/07/10 23:01

ANALYSIS DATA SHEET

PFG0039

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-34

Sampled: 06/26/10 12:00

Received: 07/01/10 08:30

% Solids: 88.78

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.76	0.656	2.19	1		SW6010C	0G06005	07/07/10 23:07

ANALYSIS DATA SHEET

PFG0040

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-35

Sampled: 06/30/10 08:40

Received: 07/01/10 08:30

% Solids: 91.65

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	88.0	0.648	2.16	1		SW6010C	0G06006	07/07/10 23:38

ANALYSIS DATA SHEET

PFG0041

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-36

Sampled: 06/30/10 09:25

Received: 07/01/10 08:30

% Solids: 87.22

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	19.6	0.702	2.34	1		SW6010C	0G06006	07/07/10 23:43

ANALYSIS DATA SHEET

PFG0042

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-37

Sampled: 06/30/10 09:15

Received: 07/01/10 08:30

% Solids: 86.53

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.62	0.722	2.41	1		SW6010C	0G06006	07/07/10 23:49

ANALYSIS DATA SHEET

PFG0043

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-38

Sampled: 06/29/10 15:45

Received: 07/01/10 08:30

% Solids: 89.58

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.51	0.670	2.23	1		SW6010C	0G06006	07/07/10 23:54

ANALYSIS DATA SHEET

PFG0044

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007067-01

Sampled: 07/08/10 19:20

Received: 07/10/10 11:00

% Solids: 88.23

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	12.6	0.654	2.18	1		SW6010C	0G13003	07/14/10 18:21

ANALYSIS DATA SHEET

PFG0045

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007067-02

Sampled: 07/08/10 18:25

Received: 07/10/10 11:00

% Solids: 88.03

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.03	0.662	2.21	1		SW6010C	0G13003	07/14/10 18:26

ANALYSIS DATA SHEET

PFG0046

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-01

Sampled: 07/13/10 12:00

Received: 07/17/10 10:30

% Solids: 90.22

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	320	0.646	2.15	1		SW6010C	0G20112	07/21/10 21:12

ANALYSIS DATA SHEET

PFG0047

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-02

Sampled: 07/13/10 15:00

Received: 07/17/10 10:30

% Solids: 85.75

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	42.5	0.729	2.43	1		SW6010C	0G20112	07/21/10 21:17

ANALYSIS DATA SHEET

PFG0048

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-03

Sampled: 07/08/10 19:55

Received: 07/17/10 10:30

% Solids: 85.92

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	12.8	0.720	2.40	1		SW6010C	0G20112	07/21/10 21:22

ANALYSIS DATA SHEET

PFG0049

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-04

Sampled: 07/08/10 19:35

Received: 07/17/10 10:30

% Solids: 86.76

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	64.7	0.699	2.33	1		SW6010C	0G20112	07/21/10 21:28

ANALYSIS DATA SHEET

PFG0050

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-05

Sampled: 07/13/10 08:40

Received: 07/17/10 10:30

% Solids: 85.15

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.0	0.678	2.26	1		SW6010C	0G20112	07/21/10 21:33

ANALYSIS DATA SHEET

PFG0051

Laboratory: Empirical Laboratories, LLC
 Client: Shaw E & I (I700)
 Matrix: Solid
 Sampled: 07/13/10 11:10
 % Solids: 86.66

SDG: RSA122_006
 Project: PBC at Redstone Arsenal RSA122 RSA183
 Laboratory ID: 1007113-06
 Received: 07/17/10 10:30

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.1	0.659	2.20	1		SW6010C	0G20112	07/21/10 21:38

ANALYSIS DATA SHEET

PFG0052

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-07

Sampled: 07/13/10 11:45

Received: 07/17/10 10:30

% Solids: 83.99

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	11.5	0.694	2.31	1		SW6010C	0G20112	07/21/10 21:43

ANALYSIS DATA SHEET

PFG0053

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-08

Sampled: 07/13/10 16:30

Received: 07/17/10 10:30

% Solids: 91.49

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	6.31	0.662	2.21	1		SW6010C	0G20112	07/21/10 21:49

ANALYSIS DATA SHEET

PFG0054

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-09

Sampled: 07/13/10 16:30

Received: 07/17/10 10:30

% Solids: 91.11

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	6.19	0.652	2.17	1		SW6010C	0G20112	07/21/10 21:54

ANALYSIS DATA SHEET

PFG0055

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-10

Sampled: 07/13/10 16:20

Received: 07/17/10 10:30

% Solids: 87.37

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.63	0.673	2.24	1		SW6010C	0G20112	07/21/10 21:59

ANALYSIS DATA SHEET

PFG0056

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-11

Sampled: 07/13/10 16:10

Received: 07/17/10 10:30

% Solids: 87.10

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	8.27	0.644	2.15	1		SW6010C	0G20112	07/21/10 22:18

ANALYSIS DATA SHEET

PFG0057

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-12

Sampled: 07/13/10 09:20

Received: 07/17/10 10:30

% Solids: 82.95

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	19.5	0.709	2.36	1		SW6010C	0G20112	07/21/10 22:45

ANALYSIS DATA SHEET

PFG0058

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-13

Sampled: 07/16/10 09:15

Received: 07/17/10 10:30

% Solids: 73.82

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	52.7	0.829	2.76	1		SW6010C	0G20112	07/21/10 22:51

ANALYSIS DATA SHEET

PFG0061

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-01

Sampled: 09/15/10 11:03

Received: 09/18/10 11:00

% Solids: 89.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	50.3	0.618	2.06	1		SW6010C	0122001	09/23/10 20:42

ANALYSIS DATA SHEET

PFG0063

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-02

Sampled: 09/16/10 08:10

Received: 09/18/10 11:00

% Solids: 90.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	38.5	0.611	2.04	1		SW6010C	0122001	09/23/10 20:47

ANALYSIS DATA SHEET

PFG0064

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-03

Sampled: 09/15/10 11:16

Received: 09/18/10 11:00

% Solids: 88.33

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	24.4	0.641	2.14	1		SW6010C	0122001	09/23/10 20:51

ANALYSIS DATA SHEET

PFG0065

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-04

Sampled: 09/14/10 10:55

Received: 09/18/10 11:00

% Solids: 90.49

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	12.8	0.656	2.19	1		SW6010C	0122001	09/23/10 20:56

ANALYSIS DATA SHEET

PFG0066

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-05

Sampled: 09/16/10 12:25

Received: 09/18/10 11:00

% Solids: 95.68

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	1.60	0.660	2.20	1	J	SW6010C	0122001	09/23/10 21:20

ANALYSIS DATA SHEET

PFG0067

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-06

Sampled: 09/13/10 16:15

Received: 09/18/10 11:00

% Solids: 84.54

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.78	0.732	2.44	1		SW6010C	0122001	09/23/10 21:24

ANALYSIS DATA SHEET

PFG0068

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-07

Sampled: 09/15/10 08:45

Received: 09/18/10 11:00

% Solids: 88.69

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.02	0.697	2.32	1		SW6010C	0122001	09/23/10 21:29

ANALYSIS DATA SHEET

PF0069

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-08

Sampled: 09/13/10 15:15

Received: 09/18/10 11:00

% Solids: 88.69

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	48.5	0.644	2.15	1		SW6010C	0122001	09/23/10 21:34

ANALYSIS DATA SHEET

PFG0070

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-09

Sampled: 09/16/10 15:00

Received: 09/18/10 11:00

% Solids: 80.04

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	250	0.694	2.31	1		SW6010C	0122001	09/23/10 21:38

ANALYSIS DATA SHEET

PFG0071

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-10

Sampled: 09/16/10 08:25

Received: 09/18/10 11:00

% Solids: 88.78

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.4	0.638	2.13	1		SW6010C	0122001	09/23/10 21:43

ANALYSIS DATA SHEET

PFG0072

Laboratory: Empirical Laboratories, LLC
 Client: Shaw E & I (I700)
 Matrix: Solid
 Sampled: 09/16/10 08:25
 % Solids: 88.49

SDG: RSA122_009
 Project: PBC at Redstone Arsenal RSA122 RSA183
 Laboratory ID: 1009138-11
 Received: 09/18/10 11:00

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	6.51	0.671	2.24	1		SW6010C	0122001	09/23/10 22:00

ANALYSIS DATA SHEET

PFG0073

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-12

Sampled: 09/16/10 08:45

Received: 09/18/10 11:00

% Solids: 89.46

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	110	0.684	2.28	1		SW6010C	0122001	09/23/10 22:05

ANALYSIS DATA SHEET

PFG0074

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-13

Sampled: 09/15/10 16:30

Received: 09/18/10 11:00

% Solids: 87.92

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	145	0.682	2.27	1		SW6010C	0122001	09/23/10 22:10

ANALYSIS DATA SHEET

PF0075

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-14

Sampled: 09/15/10 13:40

Received: 09/18/10 11:00

% Solids: 86.11

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	1800	0.697	2.32	1		SW6010C	0122001	09/23/10 22:14

ANALYSIS DATA SHEET

PFG0076

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-15

Sampled: 09/16/10 14:10

Received: 09/18/10 11:00

% Solids: 83.04

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	2360	0.730	2.43	1		SW6010C	0122001	09/23/10 22:19

ANALYSIS DATA SHEET

PFG0077

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-16

Sampled: 09/13/10 15:30

Received: 09/18/10 11:00

% Solids: 87.31

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	9.27	0.708	2.36	1		SW6010C	0122001	09/23/10 22:23

ANALYSIS DATA SHEET

PF0078

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-17

Sampled: 09/15/10 09:04

Received: 09/18/10 11:00

% Solids: 87.52

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.38	0.653	2.18	1		SW6010C	0122001	09/23/10 22:28

ANALYSIS DATA SHEET

PFG0079

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-18

Sampled: 09/14/10 10:35

Received: 09/18/10 11:00

% Solids: 90.71

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	37.1	0.648	2.16	1		SW6010C	0122001	09/23/10 22:32

ANALYSIS DATA SHEET

PFG0080

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-19

Sampled: 09/14/10 08:30

Received: 09/18/10 11:00

% Solids: 90.17

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	13.3	0.640	2.13	1		SW6010C	0122001	09/23/10 22:37

ANALYSIS DATA SHEET

PFG0081

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-20

Sampled: 09/16/10 10:20

Received: 09/18/10 11:00

% Solids: 88.22

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	28.2	0.680	2.27	1		SW6010C	0122001	09/23/10 22:42

ANALYSIS DATA SHEET

PFG0082

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-21

Sampled: 09/16/10 15:30

Received: 09/18/10 11:00

% Solids: 90.12

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	6.78	0.634	2.11	1		SW6010C	0122002	09/23/10 23:10

ANALYSIS DATA SHEET

PFG0083

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-22

Sampled: 09/16/10 15:30

Received: 09/18/10 11:00

% Solids: 90.28

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	7.45	0.639	2.13	1		SW6010C	0122002	09/23/10 23:14

ANALYSIS DATA SHEET

PFG0084

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_009

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009138-23

Sampled: 09/14/10 15:50

Received: 09/18/10 11:00

% Solids: 87.00

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.3	0.639	2.13	1		SW6010C	0122002	09/23/10 23:19

ANALYSIS DATA SHEET

PFG0085

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_010

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1010186-01

Sampled: 10/19/10 11:10

Received: 10/22/10 08:34

% Solids: 78.74

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	177	0.762	2.54	1		SW6010C	0J26003	10/27/10 20:12

ANALYSIS DATA SHEET

PFG0086

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_010

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1010186-02

Sampled: 10/19/10 09:10

Received: 10/22/10 08:34

% Solids: 89.41

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	10.9	0.671	2.24	1		SW6010C	0J26003	10/27/10 20:17

ANALYSIS DATA SHEET

PFG0087

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_010

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1010186-03

Sampled: 10/21/10 09:40

Received: 10/22/10 08:34

% Solids: 87.76

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	21.9	0.684	2.28	1		SW6010C	0J26003	10/27/10 20:21

ANALYSIS DATA SHEET

PF0088

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_010

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1010186-04

Sampled: 10/20/10 10:10

Received: 10/22/10 08:34

% Solids: 86.75

CAS NO.	Analyte	Conc. (mg/Kg dry)	MDL	RL	D.F.	Q	Method	Batch	Analyzed
7440-38-2	Arsenic	34.3	0.692	2.31	1		SW6010C	0J26003	10/27/10 20:45

ANALYSIS DATA SHEET

PFG9003

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-39

Sampled: 06/26/10 08:20

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 10:03
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 15:50
7440-39-3	Barium TCLP	1.87	0.100	1.60	1		SW6010C	0G08003	07/08/10 15:50
7440-43-9	Cadmium TCLP	0.0195	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 15:50
7440-47-3	Chromium TCLP	0.0243	0.0200	0.100	1	J	SW6010C	0G08003	07/08/10 15:50
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 15:50
7782-49-2	Selenium TCLP	0.0316	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 15:50
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 15:50

ANALYSIS DATA SHEET

PF9004

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-40

Sampled: 06/29/10 14:20

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 10:04
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 15:55
7440-39-3	Barium TCLP	1.94	0.100	1.60	1		SW6010C	0G08003	07/08/10 15:55
7440-43-9	Cadmium TCLP	0.0379	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 15:55
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 15:55
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 15:55
7782-49-2	Selenium TCLP	0.0385	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 15:55
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 15:55

ANALYSIS DATA SHEET

PF9005

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-41

Sampled: 06/28/10 11:50

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 10:05
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:00
7440-39-3	Barium TCLP	1.79	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:00
7440-43-9	Cadmium TCLP	0.0177	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:00
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:00
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 16:00
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G08003	07/08/10 16:00
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:00

ANALYSIS DATA SHEET

PF9006

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-42

Sampled: 06/28/10 09:40

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 10:06
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:06
7440-39-3	Barium TCLP	1.78	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:06
7440-43-9	Cadmium TCLP	0.0174	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:06
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:06
7439-92-1	Lead TCLP	0.0507	0.0150	0.0300	1		SW6010C	0G08003	07/08/10 16:06
7782-49-2	Selenium TCLP	0.0330	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 16:06
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:06

ANALYSIS DATA SHEET

PF9007

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-43

Sampled: 06/25/10 11:45

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 10:06
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:11
7440-39-3	Barium TCLP	1.69	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:11
7440-43-9	Cadmium TCLP	0.0179	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:11
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:11
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 16:11
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G08003	07/08/10 16:11
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:11

ANALYSIS DATA SHEET

PF9008

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-44

Sampled: 06/26/10 10:40

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 10:07
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:16
7440-39-3	Barium TCLP	2.05	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:16
7440-43-9	Cadmium TCLP	0.0180	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:16
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:16
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 16:16
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G08003	07/08/10 16:16
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:16

ANALYSIS DATA SHEET

PF9009

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-45

Sampled: 06/29/10 13:30

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 10:08
7440-38-2	Arsenic TCLP	0.140	0.0300	0.100	1		SW6010C	0G08003	07/08/10 16:22
7440-39-3	Barium TCLP	1.81	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:22
7440-43-9	Cadmium TCLP	0.0215	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:22
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:22
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 16:22
7782-49-2	Selenium TCLP	0.0347	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 16:22
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:22

ANALYSIS DATA SHEET**PF9010**Laboratory: Empirical Laboratories, LLCSDG: RSA122_004Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SolidLaboratory ID: 1007005-46Sampled: 06/30/10 08:30Received: 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 10:09
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:27
7440-39-3	Barium TCLP	1.94	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:27
7440-43-9	Cadmium TCLP	0.0166	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:27
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:27
7439-92-1	Lead TCLP	0.0254	0.0150	0.0300	1	J	SW6010C	0G08003	07/08/10 16:27
7782-49-2	Selenium TCLP	0.0375	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 16:27
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:27

ANALYSIS DATA SHEET

PF9011

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007067-03

Sampled: 07/06/10 16:00

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 14:53
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G14003	07/14/10 20:38
7440-39-3	Barium TCLP	0.486	0.0500	0.400	1		SW6010C	0G14003	07/14/10 20:38
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0G14003	07/14/10 20:38
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G14003	07/15/10 13:54
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G14003	07/14/10 20:38
7782-49-2	Selenium TCLP	0.0308	0.0300	0.0600	1	J	SW6010C	0G14003	07/14/10 20:38
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G14003	07/14/10 20:38

ANALYSIS DATA SHEET

PF9012

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-14

Sampled: 07/08/10 19:55

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 13:05
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:39
7440-39-3	Barium TCLP	1.10	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:39
7440-43-9	Cadmium TCLP	0.0259	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:39
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:45
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 18:39
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G22002	07/22/10 18:39
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:39

ANALYSIS DATA SHEET

PF9013

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-15

Sampled: 07/13/10 11:00

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 13:06
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:44
7440-39-3	Barium TCLP	0.538	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:44
7440-43-9	Cadmium TCLP	0.0264	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:44
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:50
7439-92-1	Lead TCLP	0.0158	0.0150	0.0300	1	J	SW6010C	0G22002	07/22/10 18:44
7782-49-2	Selenium TCLP	0.0352	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 18:44
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:44

ANALYSIS DATA SHEET

PF9014

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-16

Sampled: 07/13/10 11:50

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 13:07
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 19:10
7440-39-3	Barium TCLP	0.593	0.0500	0.400	1		SW6010C	0G22002	07/22/10 19:10
7440-43-9	Cadmium TCLP	0.0252	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 19:10
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 10:15
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 19:10
7782-49-2	Selenium TCLP	0.0373	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 19:10
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 19:10

ANALYSIS DATA SHEET

PF9015

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-17

Sampled: 07/13/10 16:15

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 13:08
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 19:15
7440-39-3	Barium TCLP	0.626	0.0500	0.400	1		SW6010C	0G22002	07/22/10 19:15
7440-43-9	Cadmium TCLP	0.0246	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 19:15
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 10:21
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 19:15
7782-49-2	Selenium TCLP	0.0458	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 19:15
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 19:15

ANALYSIS DATA SHEET

PF9016

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-18

Sampled: 07/12/10 15:30

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		0.000800	0.00200	1	U	SW7470A	0G22003	07/22/10 13:09
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 19:20
7440-39-3	Barium TCLP	0.635	0.0500	0.400	1		SW6010C	0G22002	07/22/10 19:20
7440-43-9	Cadmium TCLP	0.0256	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 19:20
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 10:26
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 19:20
7782-49-2	Selenium TCLP	0.0383	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 19:20
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 19:20

ANALYSIS DATA SHEET

PF9001

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_001

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Soil

Laboratory ID: 1006101-01

Sampled: 06/11/10 09:30

Received: 06/12/10 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	0F17001	06/17/10 11:38
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0F16722	06/17/10 14:11
7440-39-3	Barium TCLP	1.16	0.0500	0.400	1		SW6010C	0F16722	06/17/10 14:11
7440-43-9	Cadmium TCLP	0.0167	0.0100	0.0500	1	J	SW6010C	0F16722	06/17/10 14:11
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F16722	06/17/10 14:11
7439-92-1	Lead TCLP	0.0151	0.0150	0.0300	1	J	SW6010C	0F16722	06/17/10 14:11
7782-49-2	Selenium TCLP	0.0326	0.0300	0.0600	1	J	SW6010C	0F16722	06/17/10 14:11
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F16722	06/17/10 14:11

ANALYSIS DATA SHEET**PF9002**Laboratory: Empirical Laboratories, LLCSDG: RSA122_001Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal 2010Matrix: SoilLaboratory ID: 1006101-02Sampled: 06/11/10 11:40Received: 06/12/10 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	0F17001	06/17/10 11:39
7440-38-2	Arsenic TCLP	0.263	0.0300	0.100	1		SW6010C	0F16722	06/17/10 14:17
7440-39-3	Barium TCLP	1.23	0.0500	0.400	1		SW6010C	0F16722	06/17/10 14:17
7440-43-9	Cadmium TCLP	0.0165	0.0100	0.0500	1	J	SW6010C	0F16722	06/17/10 14:17
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0F16722	06/17/10 14:17
7439-92-1	Lead TCLP	0.0176	0.0150	0.0300	1	J	SW6010C	0F16722	06/17/10 14:17
7782-49-2	Selenium TCLP	0.0380	0.0300	0.0600	1	J	SW6010C	0F16722	06/17/10 14:17
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0F16722	06/17/10 14:17

ANALYSIS DATA SHEET

PF9003

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-39

Sampled: 06/26/10 08:20

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 10:03
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 15:50
7440-39-3	Barium TCLP	1.87	0.100	1.60	1		SW6010C	0G08003	07/08/10 15:50
7440-43-9	Cadmium TCLP	0.0195	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 15:50
7440-47-3	Chromium TCLP	0.0243	0.0200	0.100	1	J	SW6010C	0G08003	07/08/10 15:50
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 15:50
7782-49-2	Selenium TCLP	0.0316	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 15:50
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 15:50

ANALYSIS DATA SHEET

PF9004

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-40

Sampled: 06/29/10 14:20

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 10:04
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 15:55
7440-39-3	Barium TCLP	1.94	0.100	1.60	1		SW6010C	0G08003	07/08/10 15:55
7440-43-9	Cadmium TCLP	0.0379	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 15:55
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 15:55
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 15:55
7782-49-2	Selenium TCLP	0.0385	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 15:55
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 15:55

ANALYSIS DATA SHEET

PF9005

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-41

Sampled: 06/28/10 11:50

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 10:05
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:00
7440-39-3	Barium TCLP	1.79	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:00
7440-43-9	Cadmium TCLP	0.0177	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:00
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:00
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 16:00
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G08003	07/08/10 16:00
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:00

ANALYSIS DATA SHEET

PF9006

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-42

Sampled: 06/28/10 09:40

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 10:06
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:06
7440-39-3	Barium TCLP	1.78	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:06
7440-43-9	Cadmium TCLP	0.0174	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:06
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:06
7439-92-1	Lead TCLP	0.0507	0.0150	0.0300	1		SW6010C	0G08003	07/08/10 16:06
7782-49-2	Selenium TCLP	0.0330	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 16:06
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:06

ANALYSIS DATA SHEET**PF9007**Laboratory: Empirical Laboratories, LLCSDG: RSA122_004Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SolidLaboratory ID: 1007005-43Sampled: 06/25/10 11:45Received: 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 10:06
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:11
7440-39-3	Barium TCLP	1.69	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:11
7440-43-9	Cadmium TCLP	0.0179	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:11
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:11
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 16:11
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G08003	07/08/10 16:11
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:11

ANALYSIS DATA SHEET

PF9008

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-44

Sampled: 06/26/10 10:40

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 10:07
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:16
7440-39-3	Barium TCLP	2.05	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:16
7440-43-9	Cadmium TCLP	0.0180	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:16
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:16
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 16:16
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G08003	07/08/10 16:16
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:16

ANALYSIS DATA SHEET

PF9009

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_004

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007005-45

Sampled: 06/29/10 13:30

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 10:08
7440-38-2	Arsenic TCLP	0.140	0.0300	0.100	1		SW6010C	0G08003	07/08/10 16:22
7440-39-3	Barium TCLP	1.81	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:22
7440-43-9	Cadmium TCLP	0.0215	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:22
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:22
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G08003	07/08/10 16:22
7782-49-2	Selenium TCLP	0.0347	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 16:22
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:22

ANALYSIS DATA SHEET**PF9010**Laboratory: Empirical Laboratories, LLCSDG: RSA122_004Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SolidLaboratory ID: 1007005-46Sampled: 06/30/10 08:30Received: 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 10:09
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G08003	07/08/10 16:27
7440-39-3	Barium TCLP	1.94	0.100	1.60	1		SW6010C	0G08003	07/08/10 16:27
7440-43-9	Cadmium TCLP	0.0166	0.0100	0.0500	1	J	SW6010C	0G08003	07/08/10 16:27
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G08003	07/08/10 16:27
7439-92-1	Lead TCLP	0.0254	0.0150	0.0300	1	J	SW6010C	0G08003	07/08/10 16:27
7782-49-2	Selenium TCLP	0.0375	0.0300	0.0600	1	J	SW6010C	0G08003	07/08/10 16:27
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G08003	07/08/10 16:27

ANALYSIS DATA SHEET

PF9011

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_005

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal 2010

Matrix: Solid

Laboratory ID: 1007067-03

Sampled: 07/06/10 16:00

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 14:53
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G14003	07/14/10 20:38
7440-39-3	Barium TCLP	0.486	0.0500	0.400	1		SW6010C	0G14003	07/14/10 20:38
7440-43-9	Cadmium TCLP		0.0100	0.0500	1	U	SW6010C	0G14003	07/14/10 20:38
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G14003	07/15/10 13:54
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G14003	07/14/10 20:38
7782-49-2	Selenium TCLP	0.0308	0.0300	0.0600	1	J	SW6010C	0G14003	07/14/10 20:38
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G14003	07/14/10 20:38

ANALYSIS DATA SHEET

PF9012

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-14

Sampled: 07/08/10 19:55

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 13:05
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:39
7440-39-3	Barium TCLP	1.10	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:39
7440-43-9	Cadmium TCLP	0.0259	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:39
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:45
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 18:39
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW6010C	0G22002	07/22/10 18:39
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:39

ANALYSIS DATA SHEET

PF9013

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-15

Sampled: 07/13/10 11:00

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 13:06
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 18:44
7440-39-3	Barium TCLP	0.538	0.0500	0.400	1		SW6010C	0G22002	07/22/10 18:44
7440-43-9	Cadmium TCLP	0.0264	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 18:44
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 09:50
7439-92-1	Lead TCLP	0.0158	0.0150	0.0300	1	J	SW6010C	0G22002	07/22/10 18:44
7782-49-2	Selenium TCLP	0.0352	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 18:44
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 18:44

ANALYSIS DATA SHEET

PF9014

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-16

Sampled: 07/13/10 11:50

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 13:07
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 19:10
7440-39-3	Barium TCLP	0.593	0.0500	0.400	1		SW6010C	0G22002	07/22/10 19:10
7440-43-9	Cadmium TCLP	0.0252	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 19:10
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 10:15
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 19:10
7782-49-2	Selenium TCLP	0.0373	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 19:10
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 19:10

ANALYSIS DATA SHEET

PF9015

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-17

Sampled: 07/13/10 16:15

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 13:08
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 19:15
7440-39-3	Barium TCLP	0.626	0.0500	0.400	1		SW6010C	0G22002	07/22/10 19:15
7440-43-9	Cadmium TCLP	0.0246	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 19:15
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 10:21
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 19:15
7782-49-2	Selenium TCLP	0.0458	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 19:15
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 19:15

ANALYSIS DATA SHEET

PF9016

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_006

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1007113-18

Sampled: 07/12/10 15:30

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		0.000800	0.00200	1	U	SW7470A	0G22003	07/22/10 13:09
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW6010C	0G22002	07/22/10 19:20
7440-39-3	Barium TCLP	0.635	0.0500	0.400	1		SW6010C	0G22002	07/22/10 19:20
7440-43-9	Cadmium TCLP	0.0256	0.0100	0.0500	1	J	SW6010C	0G22002	07/22/10 19:20
7440-47-3	Chromium TCLP		0.0200	0.100	1	U	SW6010C	0G22002	07/23/10 10:26
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW6010C	0G22002	07/22/10 19:20
7782-49-2	Selenium TCLP	0.0383	0.0300	0.0600	1	J	SW6010C	0G22002	07/22/10 19:20
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW6010C	0G22002	07/22/10 19:20

ANALYSIS DATA SHEET

PFG9017

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_008

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009137-01

Sampled: 09/13/10 15:45

Received: 09/18/10 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	SW1311_7470A	0I22003	09/23/10 13:41
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:31
7440-39-3	Barium TCLP	0.623	0.0500	0.400	1		SW1311_6010C	0I22017	09/23/10 19:31
7440-43-9	Cadmium TCLP	0.0162	0.0100	0.0500	1	J	SW1311_6010C	0I22017	09/23/10 19:31
7440-47-3	Chromium TCLP	0.0486	0.0200	0.100	1	Y J	SW1311_6010C	0I22017	09/23/10 19:31
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW1311_6010C	0I22017	09/23/10 19:31
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW1311_6010C	0I22017	09/28/10 12:33
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:31

ANALYSIS DATA SHEET

PFG9018

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_008

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009137-02

Sampled: 09/16/10 14:10

Received: 09/18/10 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	SW1311_7470A	0I22003	09/23/10 13:42
7440-38-2	Arsenic TCLP	0.826	0.0300	0.100	1		SW1311_6010C	0I22017	09/23/10 19:35
7440-39-3	Barium TCLP	0.616	0.0500	0.400	1		SW1311_6010C	0I22017	09/23/10 19:35
7440-43-9	Cadmium TCLP	0.0142	0.0100	0.0500	1	J	SW1311_6010C	0I22017	09/23/10 19:35
7440-47-3	Chromium TCLP		0.0200	0.100	1	Y U	SW1311_6010C	0I22017	09/23/10 19:35
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW1311_6010C	0I22017	09/23/10 19:35
7782-49-2	Selenium TCLP	0.0342	0.0300	0.0600	1	J	SW1311_6010C	0I22017	09/28/10 12:38
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:35

ANALYSIS DATA SHEET

PF9019

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_008

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009137-03

Sampled: 09/16/10 08:45

Received: 09/18/10 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	SW1311_7470A	0I22003	09/23/10 13:42
7440-38-2	Arsenic TCLP	0.116	0.0300	0.100	1		SW1311_6010C	0I22017	09/23/10 19:40
7440-39-3	Barium TCLP	0.795	0.0500	0.400	1		SW1311_6010C	0I22017	09/23/10 19:40
7440-43-9	Cadmium TCLP	0.0150	0.0100	0.0500	1	J	SW1311_6010C	0I22017	09/23/10 19:40
7440-47-3	Chromium TCLP		0.0200	0.100	1	Y U	SW1311_6010C	0I22017	09/23/10 19:40
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW1311_6010C	0I22017	09/23/10 19:40
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW1311_6010C	0I22017	09/28/10 12:43
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:40

ANALYSIS DATA SHEET**PFG9020**Laboratory: Empirical Laboratories, LLCSDG: RSA122_008Client: Shaw E & I (I700)Project: PBC at Redstone Arsenal RSA122 RSA183Matrix: SolidLaboratory ID: 1009137-04Sampled: 09/16/10 10:20Received: 09/18/10 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	SW1311_7470A	0I22003	09/23/10 13:45
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:45
7440-39-3	Barium TCLP	0.987	0.0500	0.400	1		SW1311_6010C	0I22017	09/23/10 19:45
7440-43-9	Cadmium TCLP	0.0164	0.0100	0.0500	1	J	SW1311_6010C	0I22017	09/23/10 19:45
7440-47-3	Chromium TCLP		0.0200	0.100	1	Y U	SW1311_6010C	0I22017	09/23/10 19:45
7439-92-1	Lead TCLP		0.0300	0.0300	1	M U	SW1311_6010C	0I22017	09/23/10 19:45
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW1311_6010C	0I22017	09/28/10 12:47
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:45

ANALYSIS DATA SHEET

PFG9021

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_008

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009137-05

Sampled: 09/16/10 09:55

Received: 09/18/10 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	SW1311_7470A	0I22003	09/23/10 13:46
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:50
7440-39-3	Barium TCLP	0.473	0.0500	0.400	1		SW1311_6010C	0I22017	09/23/10 19:50
7440-43-9	Cadmium TCLP	0.0254	0.0100	0.0500	1	J	SW1311_6010C	0I22017	09/23/10 19:50
7440-47-3	Chromium TCLP		0.0200	0.100	1	Y U	SW1311_6010C	0I22017	09/23/10 19:50
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW1311_6010C	0I22017	09/23/10 19:50
7782-49-2	Selenium TCLP		0.0300	0.0600	1	U	SW1311_6010C	0I22017	09/28/10 12:52
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:50

ANALYSIS DATA SHEET

PFG9022

Laboratory: Empirical Laboratories, LLC

SDG: RSA122_008

Client: Shaw E & I (I700)

Project: PBC at Redstone Arsenal RSA122 RSA183

Matrix: Solid

Laboratory ID: 1009137-06

Sampled: 09/14/10 15:35

Received: 09/18/10 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	SW1311_7470A	0I22003	09/23/10 13:47
7440-38-2	Arsenic TCLP		0.0300	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:54
7440-39-3	Barium TCLP	0.647	0.0500	0.400	1		SW1311_6010C	0I22017	09/23/10 19:54
7440-43-9	Cadmium TCLP	0.0152	0.0100	0.0500	1	J	SW1311_6010C	0I22017	09/23/10 19:54
7440-47-3	Chromium TCLP		0.0200	0.100	1	Y U	SW1311_6010C	0I22017	09/23/10 19:54
7439-92-1	Lead TCLP		0.0150	0.0300	1	U	SW1311_6010C	0I22017	09/23/10 19:54
7782-49-2	Selenium TCLP	0.0362	0.0300	0.0600	1	J	SW1311_6010C	0I22017	09/28/10 12:57
7440-22-4	Silver TCLP		0.0100	0.100	1	U	SW1311_6010C	0I22017	09/23/10 19:54



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF06112010-S-ELAE

Page 1 of 2

Project Number: 118166

Samples Shipment Date: 11 JUN 2010

Bill To: Joyce McGee

Project Name: Redstone- PBC

Lab Destination: Futch/ELAB, Inc.

312 Directors Drive
Knoxville

TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Marcia McGinity

Report To: Joyce McGee

312 Directors Drive
Knoxville

TN 37923

Turnaround Time:

Normal

Carrier/Waybill No.: Fed Ex7936 2930 6822

Special Instructions: NORMAL TAT

Possible Hazard Identification:

Non-hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal:

Return to Client Disposal by Lab

Archive

(mos.)

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

1. Received By
(Signature/Affiliation) *1235*

Date: *6-11-10*
Time: *1235*

2. Relinquished By
(Signature/Affiliation)

2. Received By
(Signature/Affiliation)

Date: *6/12/10*
Time: *09:00*

3. Relinquished By
(Signature/Affiliation)

3. Received By
(Signature/Affiliation) *Ally*

Date: *6/12/10*
Time: *09:00*

Comments: RSA-183 SOIL SAMPLES

2.10c

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
61	PEF0021 E183-CS19-DS-PEF0021	08 JUN 2010	13:00	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B				N
62	PEF0022 E183-CS20-DS-PEF0022	10 JUN 2010	11:20	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B				N
63	PEF0023 E183-CS21-DS-PEF0023	10 JUN 2010	11:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B				N
64	PEF0024 E183-CS22-DS-PEF0024	10 JUN 2010	14:00	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B				N
65	PEF0025 E183-CS23-DS-PEF0025	08 JUN 2010	11:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B				N
66	PEF0026 E183-CS23-DS-PEF0026	08 JUN 2010	11:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B				N
67	PEF0027 E183-CS24-DS-PEF0027	10 JUN 2010	14:55	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B				N
68	PEF0028 E183-CS25-DS-PEF0028	10 JUN 2010	16:05	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B				N

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF06112010-S-ELAE
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fill	Condition On Receipt
1006102 -09 PEF0029	E183-CS26-DS-PEF0029	10 JUN 2010	16:35	4 oz CW/MG	None except cool to 4 C	Arsenic by SW-6010B		N	
-10 PEF9009	E183-SPL09-SO-PEF9009	10 JUN 2010	13:25	4 oz CW/MG	None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N	
-11 PEF9010	E183-SPL10-SO-PEF9010	10 JUN 2010	10:55	4 oz CW/MG	None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N	
-12 PEF9011	E183-SPL11-SO-PEF9011	10 JUN 2010	15:35	4 oz CW/MG	None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N	
-13 PEF9012	E183-SPL12-SO-PEF9012	09 JUN 2010	11:15	4 oz CW/MG	None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N	
-14 PEF9013	E183-SPL13-SO-PEF9013	08 JUN 2010	10:25	4 oz CW/MG	None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N	

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Project Number: 118166

Samples Shipment Date: 18 JUN 2010

Bill To: Joyce McGee

Project Name: Redstone- PBC

Lab Destination: Futch/ELAB, Inc.

312 Directors Drive
Knoxville

TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Marcia McGinnity

Report To: Joyce McGee

312 Directors Drive

TN 37923

Turnaround Time:

Normal

Carrier/Waybill No.: Fed Ex 7936 5002 4005

Knoxville

TN 37923

Special Instructions: NORMAL TAT

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) *B. R.*

Date: *6-18-10*
Time: *12:15*

Date:
Time:

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

Date:
Time:

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

Date: *6/19/10*
Time: *11:00*

Comments: RSA-183 SOIL SAMPLES

1006149

3.39c

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units Fill	CID	Condition On Receipt
-01	PEF0047 E-183-CS43-DS-PEF0047	17 JUN 2010	09:15	4 oz CW/MG	1	None except cool to 4 C	Arsenic by SW-6010B		N		
-02	PEF0048 E-183-CS43-DS-PEF0048	17 JUN 2010	09:15	4 oz CW/MG	1	None except cool to 4 C	Arsenic by SW-6010B		N		
-03	PEF0049 E-183-CS44-DS-PEF0049	17 JUN 2010	09:30	4 oz CW/MG	1	None except cool to 4 C	Arsenic by SW-6010B		N		
-04	PEF0050 E-183-CS45-DS-PEF0050	16 JUN 2010	13:15	4 oz CW/MG	1	None except cool to 4 C	Arsenic by SW-6010B		N		
-05	PEF0051 E-183-CS46-DS-PEF0051	16 JUN 2010	12:50	4 oz CW/MG	1	None except cool to 4 C	Arsenic by SW-6010B		N		
-06	PEF0052 E-183-CS47-DS-PEF0052	16 JUN 2010	11:10	4 oz CW/MG	1	None except cool to 4 C	Arsenic by SW-6010B		N		
-07	PEF0052-MS E-183-CS47-DS-PEF0052-MS	16 JUN 2010	11:10	4 oz CW/MG	1	None except cool to 4 C	Arsenic by SW-6010B		N		
-08	PEF0052-MSD E-183-CS47-DS-PEF0052-MSD	16 JUN 2010	11:10	4 oz CW/MG	1	None except cool to 4 C	Arsenic by SW-6010B		N		



Shaw E&I, Inc.

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF06182010-S-ELAE

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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
-02	PEF0053 E183-CS48-DS-PEF0053	16 JUN 2010	10:55	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-08	PEF0054 E183-CS49-DS-PEF0054	16 JUN 2010	16:15	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-09	PEF0055 E183-CSS0-DS-PEF0055	16 JUN 2010	15:50	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-10	PEF0056 E183-CSS1-DS-PEF0056	17 JUN 2010	10:40	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-11	PEF0057 E183-CSS2-DS-PEF0057	17 JUN 2010	10:25	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-12	PEF0058 E183-CSS3-DS-PEF0058	16 JUN 2010	08:20	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-13	PEF0059 E183-CSS3-DS-PEF0059	16 JUN 2010	08:20	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-14	PEF0060 E183-CSS4-DS-PEF0060	15 JUN 2010	09:40	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-15	PEF0061 E183-CSS5-DS-PEF0061	16 JUN 2010	08:55	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-16	PEF0062 E183-CSS6-DS-PEF0062	15 JUN 2010	10:10	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-17	PEF0063 E183-CSS7-DS-PEF0063	15 JUN 2010	12:30	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-18	PEF0064 E183-CSS8-DS-PEF0064	15 JUN 2010	11:20	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-19	PEF0065 E183-CSS9-DS-PEF0065	14 JUN 2010	16:30	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-20	PEF0066 E183-CSS0-DS-PEF0066	14 JUN 2010	15:55	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-21	PEF0067 E183-CSS1-DS-PEF0067	16 JUN 2010	14:35	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-22	PEF0068 E183-CSS2-DS-PEF0068	16 JUN 2010	09:55	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-23	PEF0069 E183-CSS3-DS-PEF0069	16 JUN 2010	14:20	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-24	PEF0070 E183-CSS3-DS-PEF0070	16 JUN 2010	14:20	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-25	PEF0071 E183-CSS4-DS-PEF0071	16 JUN 2010	13:35	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-26	PEF0072 E183-CSS5-DS-PEF0072	16 JUN 2010	09:40	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-27	PEF0073 E183-CSS6-DS-PEF0073	17 JUN 2010	11:40	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-28	PEF0074 E183-CSS7-DS-PEF0074	17 JUN 2010	12:05	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-29	PEF0074MS E183-CSS7-DS-PEF0074MS	17 JUN 2010	12:05	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-30	PEF0075 E183-CSS7-DS-PEF0075	17 JUN 2010	12:05	4 oz CWMMG	1 None except cool to 4 C	Arsenic by SW-6010B					
-31	PEF9021 E183-SPL21-SO-PEF9021	16 JUN 2010	12:15	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					
-32	PEF9022 E183-SPL22-SO-PEF9022	15 JUN 2010	11:40	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					
-33	PEF9023 E183-SPL23-SO-PEF9023	16 JUN 2010	10:40	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					
-34	PEF9024 E183-SPL24-SO-PEF9024	16 JUN 2010	16:00	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					
-35	PEF9025 E183-SPL25-SO-PEF9025	17 JUN 2010	09:00	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					
-36	PEF9026 E183-SPL26-SO-PEF9026	17 JUN 2010	10:30	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A					



Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PEF06182010-S-ELAE
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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
36 PEF9027	E183-SPL27-SO-PEF9027	17 JUN 2010	11:50	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

Project Number: 118186 Samples Shipment Date: 18 JUN 2010 Bill To: Joyce McGee
 Project Name: Redstone- PBC Lab Destination: Futch/ELAB, Inc. 312 Directors Drive
 Knoxville TN 37923
 Sample Coordinator: Brian Rhodes Lab Contact: Marcia McGinnity
 Turnaround Time: *Normal* Project Contact: Marcia McGinnity Report To: Joyce McGee
 312 Directors Drive
 Knoxville TN 37923
 Carrier/Waybill No.: Fed Ex7936 5002 4005

Special Instructions: **NORMAL TAT** *PBC CONTRACT*

Possible Hazard Identification:

Non-hazard Flammable Skin Irritant Poison B Unknown Radiological Return to Client Disposal by Lab Archive (mos.)

1. Relinquished By *BA* Date: *6-18-10* 1. Received By Date: Time: *1240* (Signature/Affiliation) (Signature/Affiliation) Time: Time:

2. Relinquished By Date: 2. Received By Date: Time: (Signature/Affiliation) (Signature/Affiliation) Time: Time:

3. Relinquished By Date: 3. Received By Date: *6/18/10* Time: *11:00* (Signature/Affiliation) (Signature/Affiliation) Time: Time:

Comments: RSA-122 SOIL SAMPLES *3.3°C*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
-01	PF6G0001	F122-C501-DS-PF6G0001	11 JUN 2010	10:05	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B			N	
-02	PF6G0002	F122-C502-DS-PF6G0002	11 JUN 2010	12:10	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B			N	
-03	PF6G0003	F122-C503-DS-PF6G0003	11 JUN 2010	12:30	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B			N	
-04	PF6G0004	F122-C503-DS-PF6G0004	11 JUN 2010	12:30	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B			N	
-05	PF6G0005	F122-C504-DS-PF6G0005	11 JUN 2010	10:20	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010B			N	

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Project Number: 118166 Samples Shipment Date: 30 JUN 2010 Bill To: Kim Pinkston
 312 Directors Drive
 Knoxville TN 37923

Project Name: Redstone- PBC Lab Destination: Empirical Laboratories, LLC

Sample Coordinator: Brian Rhodes Lab Contact: Kim Kostzer

Turnaround Time: Project Contact: Kim Kostzer

5 Day Turn Carrier/Waybill No.: Fed Ex/793686009186

Report To: Carleton Edmonds
 312 Directors Drive
 Knoxville TN 37923

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 *DeK* Date: 6-30-10 1. Received By Date: Time: 1700 Time: Signature/Affiliation) Signature/Affiliation)

2. Relinquished By Date: 2. Received By Date: Time: Time: Signature/Affiliation) Signature/Affiliation)

3. Relinquished By Date: 3. Received By Date: 7/1/10 Time: Time: 08:30 Signature/Affiliation) Signature/Affiliation)

Comments: 5 DAY TURN

4.10c

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr	Preservative	Requested Testing Program	Sample Vol	Units Fill	CID	Condition On Receipt
-01	PF60006	F122-CS06-DS-PF60006	28 JUN 2010	12:00	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010C			N
-62	PF60007	F122-CS06-DS-PF60007	26 JUN 2010	08:30	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010C			N
-63	PF60008	F122-CS07-DS-PF60008	25 JUN 2010	11:15	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010C			N
-64	PF60009	F122-CS08-DS-PF60009	25 JUN 2010	11:30	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010C			N
-65	PF60010	F122-CS09-DS-PF60010	26 JUN 2010	12:30	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010C			N
-66	PF60011	F122-CS10-DS-PF60011	26 JUN 2010	10:00	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010C			N
-67	PF60012	F122-CS11-DS-PF60012	29 JUN 2010	10:50	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010C			N
-68	PF60012-MS	F122-CS11-DS-PF60012-MS	29 JUN 2010	10:50	4 oz CWMG	1	None except cool to 4 C	Arsenic by SW-6010C			N



Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No.: PFG063010-S-EMP
Page 2 of 3

1609005

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fill	CID	Condition On Receipt
-67	PFG0012-MSD	F122-CS11-DS-PFG0012-MSD	29 JUN 2010	10:50	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-68	PFG0013	F122-CS12-DS-PFG0013	26 JUN 2010	11:05	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-69	PFG0014	F122-CS13-DS-PFG0014	28 JUN 2010	12:15	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-70	PFG0015	F122-CS14-DS-PFG0015	28 JUN 2010	12:15	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-71	PFG0016	F122-CS14-DS-PFG0016	26 JUN 2010	10:45	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-72	PFG0017	F122-CS15-DS-PFG0017	28 JUN 2010	09:50	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-73	PFG0018	F122-CS16-DS-PFG0018	28 JUN 2010	15:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-74	PFG0019	F122-CS17-DS-PFG0019	28 JUN 2010	15:50	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-75	PFG0020	F122-CS18-DS-PFG0020	25 JUN 2010	09:45	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-76	PFG0021	F122-CS19-DS-PFG0021	28 JUN 2010	11:30	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-77	PFG0022	F122-CS20-DS-PFG0022	28 JUN 2010	11:10	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-78	PFG0023	F122-CS21-DS-PFG0023	28 JUN 2010	11:05	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-79	PFG0024	F122-CS22-DS-PFG0024	25 JUN 2010	09:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-80	PFG0025	F122-CS23-DS-PFG0025	25 JUN 2010	09:50	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-81	PFG0026	F122-CS23-DS-PFG0026	25 JUN 2010	09:50	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-82	PFG0027	F122-CS24-DS-PFG0027	26 JUN 2010	08:10	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-83	PFG0028	F122-CS25-DS-PFG0028	26 JUN 2010	09:30	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-84	PFG0029	F122-CS26-DS-PFG0029	26 JUN 2010	08:20	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-85	PFG0030	F122-CS27-DS-PFG0030	26 JUN 2010	09:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-86	PFG0030-MSD	F122-CS27-DS-PFG0030-MSD	26 JUN 2010	09:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-87	PFG0031	F122-CS28-DS-PFG0031	26 JUN 2010	08:45	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-88	PFG0032	F122-CS29-DS-PFG0032	26 JUN 2010	08:50	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-89	PFG0033	F122-CS30-DS-PFG0033	26 JUN 2010	12:15	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-90	PFG0034	F122-CS31-DS-PFG0034	26 JUN 2010	10:20	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-91	PFG0035	F122-CS32-DS-PFG0035	26 JUN 2010	10:15	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-92	PFG0036	F122-CS33-DS-PFG0036	29 JUN 2010	09:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-93	PFG0037	F122-CS33-DS-PFG0037	29 JUN 2010	09:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-94	PFG0038	F122-CS34-DS-PFG0038	26 JUN 2010	12:05	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-95	PFG0039	F122-CS35-DS-PFG0039	26 JUN 2010	12:00	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-96	PFG0040	F122-CS36-DS-PFG0040	30 JUN 2010	08:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-97	PFG0041	F122-CS37-DS-PFG0041	30 JUN 2010	09:25	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-98	PFG0042	F122-CS38-DS-PFG0042	30 JUN 2010	09:15	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N
-99	PFG0043	F122-CS39-DS-PFG0043	29 JUN 2010	15:45	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C		N



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PFG063010-S-EMP
Page 3 of 3

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
100 7805 - 39 PFG9003	F122-SPL03-SO-PFG9003	26 JUN 2010	08:20	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N		
- 40 PFG9004	F122-SPL04-SO-PFG9004	29 JUN 2010	14:20	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N		
- 41 PFG9005	F122-SPL05-SO-PFG9005	28 JUN 2010	11:50	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N		
- 42 PFG9006	F122-SPL06-SO-PFG9006	28 JUN 2010	09:40	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N		
- 43 PFG9007	F122-SPL07-SO-PFG9007	25 JUN 2010	11:45	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N		
- 44 PFG9008	F122-SPL08-SO-PFG9008	26 JUN 2010	10:40	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N		
- 45 PFG9009	F122-SPL09-SO-PFG9009	29 JUN 2010	13:30	4 oz CWMMG	1 None except cool to 4 C	TCLP Leachates by SW-6010B and 7470A		N		
- 46 PFG9010	F122-SPL10-SO-PFG9010	30 JUN 2010	08:30	4 oz CWMMG	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: 122-071610-EMP

Page 1 of 2

Project Number: 118166

Samples Shipment Date: 16 JUL 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

TN 37923

5 Day

Carrier/Waybill No.: Fed Ex/793732990449

Knoxville

TN 37923

Special Instructions: 5 Day Turn on all Samples (Saturday Delivery)

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 *Delc*
(Signature/Affiliation) Date: *7-16-10*
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) Date:
Time:

Comments: 5 Day Turn on all Samples

Sample No	Sample Name	Sample Date	Sample Time	Container	Ct	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PF-G0046	F-122-CS42-DS-PF-G0046	13 JUL 2010	12:00	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C				N	
PF-G0047	F-122-CS43-DS-PF-G0047	13 JUL 2010	15:00	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C				N	
PF-G0048	F-122-CS44-DS-PF-G0048	08 JUL 2010	19:55	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C				N	
PF-G0049	F-122-CS45-DS-PF-G0049	08 JUL 2010	19:35	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C				N	
PF-G0050	F-122-CS46-DS-PF-G0050	13 JUL 2010	08:40	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C				N	
PF-G0051	F-122-CS47-DS-PF-G0051	13 JUL 2010	11:10	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C				N	
PF-G0052	F-122-CS48-DS-PF-G0052	13 JUL 2010	11:45	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C				N	
PF-G0053	F-122-CS49-DS-PF-G0053	13 JUL 2010	16:30	4 oz CWMMG	1	None except cool to 4 C	Arsenic by SW-6010C				N	

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-071610-EMP

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PF-G0054	F122-CS49-DS-PFG0054	13 JUL 2010	16:30	4 oz CW/MG	1	Arsenic by SW-6010C			N		
PF-G0055	F122-CS90-DS-PFG0055	13 JUL 2010	16:20	4 oz CW/MG	1	Arsenic by SW-6010C			N		
PF-G0056	F122-CS51-DS-PFG0056	13 JUL 2010	16:10	4 oz CW/MG	1	Arsenic by SW-6010C			N		
PF-G0056-MS	F122-CS51-DS-PFG0056-MS	13 JUL 2010	16:10	4 oz CW/MG	1	Arsenic by SW-6010C			N		
PF-G0056-MSD	F122-CS51-DS-PFG0056-MSD	13 JUL 2010	16:10	4 oz CW/MG	1	Arsenic by SW-6010C			N		
PF-G0057	F122-CS52-DS-PFG0057	13 JUL 2010	09:20	4 oz CW/MG	1	Arsenic by SW-6010C			N		
PF-G0058	F122-CS53-DS-PFG0058	16 JUL 2010	09:15	4 oz CW/MG	1	Arsenic by SW-6010C			N		
PF-G9012	F122-SPL13-SO-PFG9012	08 JUL 2010	19:55	4 oz CW/MG	1	TCLP Leachates by SW-6010B and Z470A			N		
PF-G9013	F122-SPL13-SO-PFG9013	13 JUL 2010	11:00	4 oz CW/MG	1	TCLP Leachates by SW-6010B and Z470A			N		
PF-G9014	F122-SPL14-SO-PFG9014	13 JUL 2010	11:50	4 oz CW/MG	1	TCLP Leachates by SW-6010B and Z470A			N		
PF-G9015	F122-SPL15-SO-PFG9015	13 JUL 2010	16:15	4 oz CW/MG	1	TCLP Leachates by SW-6010B and Z470A			N		
PF-G9016	F122-SPL16-SO-PFG9016	12 JUL 2010	15:30	4 oz CW/MG	1	TCLP Leachates by SW-6010B and Z470A			N		



ANALYSIS REQUEST AND
CHAIN-OF-CUSTODY RECORD

REFERENCE COC NO: **PF908182010-S-EL4B**

PAGE 1 OF 1

Project Name/No: Redstone PBC - 118166 **PSA-122**
 Sample Team Member: Emily Dameron
 Project Center: Knoxville
 Project Manager: Jack Keisch
 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 5789 5758**

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
PF90059	Soil	6/25/10 1445	4oz jar	4oz	none	Arsenic by SM-6010C		
PF90060	Soil	6/28/10 1445	4oz jar	4oz	none	Arsenic by SM-6010C		

Special Instructions: _____

Possible Hazard Identification: _____

Non-haz: Flammable: _____ Poison B: _____

Turnaround Time: _____ Level of QC Required: _____

Return to Client: Disposal by Lab: Archive: _____

Normal: _____ Rush: 7-10 day **5 day TAT**

Project Specific: _____

1. Relinquished by: _____ Date: **8/18/10**

2. Relinquished by: **Shaw E&I** Time: **1400**

1. Received by: _____ Date: _____

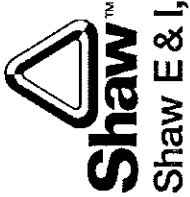
2. Received by: _____ Date: _____

3. Relinquished by: _____ Date: _____

2. Received by: _____ Date: _____

Time: _____

Comments: _____



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Project Number: 118166

Samples Shipment Date: 24 JUN 2011

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Microbac Laboratories, Inc

312 Directors Drive
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Stephanie Mossburg

Report To: Carleton Edmonds

Project Contact: ~~Kim Koetzer~~

312 Directors Drive

Turnaround Time: **72 hrs**

Carrier/Waybill No.: UPS/1Z4016632210118423

Knoxville TN 37923

Special Instructions: 72 hr TAT

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 *C. McDonough*

Date: 6-24-11
Time: 11:30

1. Received By

(S)  **Microbac OVD**

221000016080

Date:
Time:

2. Relinquished By

Date:
Time:

2. Received: 06/25/2011 11:03
By: BRENDA GREENMALT

Date:
Time:

3. Relinquished By

Date:
Time:

Brenda Greenmalt

Date:
Time:

Comments: Soil samples from RSA-122 Dig.

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PF-G6016	122F1PCS40-1-SS-PFG6016	23 JUN 2011	15:55	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6017	122F1PCS40-1-SS-PFG6017	23 JUN 2011	15:55	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6018	122F1PCS41-1-SS-PFG6018	23 JUN 2011	17:45	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6069	122F1F-1-DS-PFG6069	23 JUN 2011	17:20	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6070	122F2F-1-DS-PFG6070	23 JUN 2011	17:55	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6115A	122FCOMP-02-DS-PFG6115A	24 JUN 2011	09:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		



Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-06242011-S-MB
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PF66115B	122FCOMP-02-DS-PF66115B	24 JUN 2011	09:10	2 oz CWIM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66115C	122FCOMP-02-DS-PF66115C	24 JUN 2011	09:10	2 oz CWIM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66124	122F1P0SFF-1-SS-PF66124	24 JUN 2011 23	18:20	2 oz CWIM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		

GMV



Microbac OVD

Received: 06/25/2011 11:03
By: BRENDA GREENHALT

22:0000016080

Brenda Greenwalt



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-06212011-S-MBL
Page 1 of 2

Project Number: 118166 Samples Shipment Date: 21 JUN 2011
 Project Name: Redstone- PBC Lab Destination: Microbac Laboratories, Inc
 Sample Coordinator: Brian Rhodes Lab Contact: Stephanie Mossburg
 Turnaround Time: **72 hrs** Project Contact: ~~Kim Keester~~
 Carrier/Waybill No.: UPS/1Z4016632210117693
 Bill To: Kim Pinkston 312 Directors Drive TN 37923
 Report To: Carleton Edmonds 312 Directors Drive TN 37923

Special Instructions: 72 HOUR TAT

Possible Hazard Identification:

Non-hazard Flammable Skin Irritant Poison B Unknown Radiological Return to Client Disposal by Lab Archive (mos.)

1. Relinquished By *E. McDonough* **Date:** 6-21-11 **Microbac OVD** **Date:** **Time:** **Time:** 221000015908
 (Signature/Affiliation) **Time:** 13:00 Received: 06/22/2011 09:41
 By: BRENDA GREENMALT
2. Relinquished By **Date:** **Time:** **Date:** **Time:** **Date:** **Time:**
 (Signature/Affiliation) **Time:** **Time:** *Brenda Greenmalt*
3. Relinquished By **Date:** **Time:** (Signature/Affiliation)

Comments: RSA-122 SOIL SAMPLES

Sample No	Sample Name	Sample Date	Sample Time	Container	Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PF-G6009	1228PCS66-1-SS-PF-G6009	20 JUN 2011	15:40	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6010	1228PCS79-1-SS-PF-G6010	20 JUN 2011	16:55	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6011	1228PCSXX-1-SS-PF-G6011	18 JUN 2011	11:00	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6055	122821F-1-DS-PF-G6055	18 JUN 2011	10:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6113A	1228COMP-03-DS-PF-G6113A	20 JUN 2011	17:15	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF-G6113B	1228COMP-03-DS-PF-G6113B	20 JUN 2011	17:15	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-06212011-S-MBLU
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fill	CID	Condition On Receipt
PFG6113C	122B20MP-03-DS-PFG6113C	20 JUN 2011	17:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6118	122B22F-1-DS-PFG6118	20 JUN 2011	14:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6119	122B23F-1-DS-PFG6119	20 JUN 2011	15:45	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6120	122B24F-1-DS-PFG6120	20 JUN 2011	17:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6121	122B24F-1-DS-PFG6121	20 JUN 2011	17:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6122	122B25F-1-DS-PFG6122	20 JUN 2011	17:00	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		



Microbac OVD

Received: 06/22/2011 09:41
By: BRENDA GREENWALT

Brenda Greenwalt

221000015908



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-06152011-S-MB
Page 1 of 2

Project Number: 118166

Samples Shipment Date: 15 JUN 2011

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Microbac Laboratories, Inc

312 Directors Drive
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Stephanie Mossburg

Report To: Carleton Edmonds

Project Contact: Kim Kostzer

312 Directors Drive

Carrier/Waybill No.: UPS#1Z4016632210117684

Knoxville TN 37923

Special Instructions: 72 hr TAT on these samples.

Possible Hazard Identification:

Non-hazard	Flammable	Skin Irritant	Poison B	Radiological	Unknown	Return to Client	Disposal by Lab	Archive	(mos.)

1. Relinquished By *[Signature]*

Date: 15 June 11
Time: 1110

1. Received By
(Signature/Affiliation)

2. Relinquished By *[Signature]*

Date:
Time:

2. Re (Signature)

Microbac OVD

Received: 06/16/2011 09:47
D.V. CITIZENNE DALIGU

3. Relinquished By *[Signature]*

Date:
Time:

3. Re (Signature)

[Signature]

Date:
Time:
ate:
me:
ate:
me:

221000015768

Comments: Soil Samples from RSA-122 Dig Site.

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PFG6012	122DPCS61-1-SS-PFG6012	14 JUN 2011	15:55	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PFG6013	122DPCS63-1-SS-PFG6013	15 JUN 2011	08:30	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PFG6066	122D2F-1-DS-PFG6066	15 JUN 2011	07:35	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PFG6114A	122DCOMP-02-DS-PFG6114A	15 JUN 2011	07:35	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PFG6114A-MS	122DCOMP-02-DS-PFG6114A-MS	15 JUN 2011	07:35	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PFG6114A-MSD	122DCOMP-02-DS-PFG6114A-MSD	15 JUN 2011	07:35	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		

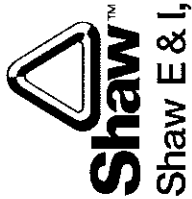


Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-06152011-S-MB
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PF66114B	122DCOMP-02-DS-PF66114B	15 JUN 2011	07:35	2 oz CWM	None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B				N
PF66114C	122DCOMP-02-DS-PF66114C	15 JUN 2011	07:35	2 oz CWM	None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B				N



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-06032011-S-MBLI
Page 1 of 2

Project Number: 118166

Samples Shipment Date: 03 JUN 2011

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Microbac Laboratories, Inc

312 Directors Drive
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Stephanie Mossburg

Report To: Carleton Edmonds

Project Contact: Kim Kostzer

312 Directors Drive

Turnaround Time: **72 hr TAT**

Carrier/Waybill No.: UPS/1Z4016632210117666

TN 37923

Special Instructions: 72 HOUR TAT

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 *E. McDonough*

Date: 6-3-11
Time: 11:30

1. Received By (S)



Microbac OVD 221000015451

Date:
Time:

2. Relinquished By

Date:
Time:

2. (S) Received: 06/06/2011 09:44

D.V. CITIZENS DETACH

Date:
Time:

3. Relinquished By

Date:
Time:

3. (S) *Suzanne Rough*

Date:
Time:

Comments: RSA-122 SOIL SAMPLES

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PFG6045	122B13F-1-DS-PFG6045	01 JUN 2011	15:50	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PFG6045-MS	122B13F-1-DS-PFG6045-MS	01 JUN 2011	15:50	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PFG6045-MSD	122B13F-1-DS-PFG6045-MSD	01 JUN 2011	15:50	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PFG6052	122B19F-1-DS-PFG6052	01 JUN 2011	13:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PFG6056	122B2F-1-DS-PFG6056	01 JUN 2011	15:50	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PFG6056-MS	122B2F-1-DS-PFG6056-MS	01 JUN 2011	15:50	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		



Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-06032011-S-MBL

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PF6056-MSD	122B2F-1-DS-PFG6056-MSD	01 JUN 2011	15:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF6060	122B6F-1-DS-PFG6060	03 JUN 2011	09:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF6112A	122BCOMP-02-DS-PFG6112A	03 JUN 2011	09:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF6112B	122BCOMP-02-DS-PFG6112B	03 JUN 2011	09:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF6112C	122BCOMP-02-DS-PFG6112C	03 JUN 2011	09:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-05182011-S-MB
Page 1 of 2

Project Number: 118166

Samples Shipment Date: 18 MAY 2011

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Microbac Laboratories, Inc

312 Directors Drive
Knoxville

TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Stephanie Mossburg

Report To: Carleton Edmonds

Turnaround Time:

Project Contact: Kim Kostzer

312 Directors Drive

TN 37923

Carrier/Waybill No.: UPS/1Z4016332210117700

Special Instructions: 72hr TAT on these 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 *Elena McDonough*
(Signature/Affiliation) Date: 5.18.11 Time: 14:50

Microbac OVD

221000015017

Date: _____
Time: _____

2. Relinquished By
(Signature/Affiliation) Date: _____
Time: _____

Received: 05/19/2011 09:41

By: BRENDA GREENWALT

Date: _____
Time: _____

3. Relinquished By
(Signature/Affiliation) Date: _____
Time: _____

Brenda Greenwalt
(Signature/Affiliation)

Date: _____
Time: _____

Comments: Soil Samples from RSA-122.

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PF6044	122B12F-1-DS-PF6044	16 MAY 2011	15:50	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6047	122B15F-1-DS-PF6047	17 MAY 2011	12:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6048	122B16F-1-DS-PF6048	17 MAY 2011	12:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6049	122B17F-1-DS-PF6049	17 MAY 2011	12:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6050	122B18F-1-DS-PF6050	17 MAY 2011	12:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6051	122B18F-1-DS-PF6051	17 MAY 2011	12:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PFG6066	122D1F-1-DS-PFG6066	18 MAY 2011	08:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6066-MS	122D1F-1-DS-PFG6066-MS	18 MAY 2011	08:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6066-MSD	122D1F-1-DS-PFG6066-MSD	18 MAY 2011	08:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6106A	122DCOMP-01-DS-PFG6106A	18 MAY 2011	08:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6106B	122DCOMP-01-DS-PFG6106B	18 MAY 2011	08:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6106C	122DCOMP-01-DS-PFG6106C	18 MAY 2011	08:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG6111	122B12F-1-DS-PFG6111	16 MAY 2011	15:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		



Microbac OVD

Received: 05/19/2011 09:41
By: BRENDA GREENMALT

221000015017

Brenda Greenmalt



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-04272011-S-MB
Page 1 of 2

Project Number: 118166

Samples Shipment Date: 27 APR 2011

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Microbac Laboratories, Inc

312 Directors Drive
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Stephanie Mossburg

Report To: Carleton Edmonds

Turnaround Time:

Project Contact: Kim Kostzer


312 Directors Drive
Knoxville TN 37923

Carrier/Waybill No.: UPS/1Z4106632210117620

Special Instructions: Normal TAT

Possible Hazard Identification:

Non-hazard Flammable Skin Irritant Poison B Unknown Radiological Return to Client Disposal by Lab Archive (mos.)

1. Relinquished By *[Signature]* Date: 27 Apr 11 Time: 1400
(Signature/Affiliation)  Microbac OVD
Received: 04/28/2011 10:42
By: BRENDA GREENWALT
2. Relinquished By _____ Date: _____ Time: _____
(Signature/Affiliation)
3. Relinquished By *[Signature]* Date: _____ Time: _____
(Signature/Affiliation) Brenda Beunwalt

Comments: Normal TAT

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units Fill	CID	Condition On Receipt
PF66039	122A1F-1-DS-PF66039	08 APR 2011	09:05	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PF66040	122A2E-1-DS-PF66040	08 APR 2011	13:50	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PF66102A	122A1COMP-01-DS-PF66102A	08 APR 2011	09:05	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PF66102B	122A1COMP-01-DS-PF66102B	08 APR 2011	09:05	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PF66102B-MS	122A1COMP-01-DS-PF66102B-MS	08 APR 2011	09:05	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		
PF66102B-MSD	122A1COMP-01-DS-PF66102B-MSD	08 APR 2011	09:05	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B		N		



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-04272011-S-MB
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PF66102C	122A1COMP-01-DS-PF66102C	09 APR 2011	09:05	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66103A	122A2COMP-01-DS-PF66103A	09 APR 2011	13:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66103B	122A2COMP-01-DS-PF66103B	09 APR 2011	13:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66103C	122A2COMP-01-DS-PF66103C	09 APR 2011	13:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		

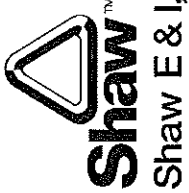


Microbac OVD

Received: 04/28/2011 10:42
By: BRENDA GREENMALT

221000014422

Brenda Greenmalt



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-05232011-S-MB
Page 1 of 1

Project Number: 118166

Samples Shipment Date: 23 MAY 2011

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Microbac Laboratories, Inc

312 Directors Drive
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Stephanie Mossburg

Report To: Carleton Edmonds

Turnaround Time:

Project Contact: Kim Kostzer

312 Directors Drive

Knoxville TN 37923

Carrier/Waybill No.: UPS/1Z4016632210117657

Special Instructions: 72 HR TAT

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 *M. G. J. A.*

Date: 23 May 11
Time: 1400

1. Received By
(Signature/Affiliation)



Microbac OVD

2. Relinquished By

Date:
Time:

2. Received By
(Signature/Affiliation)

Received: 05/24/2011 09:50
By: JANE THOMPSON

3. Relinquished By

Date:
Time:

3. Received By
(Signature/Affiliation)

Jane Thompson

Comments: Soil Samples from RSA-122.

Sample No	Sample Name	Sample Date	Sample Time	Container	Qty	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PFG6006	122BPC33-1-SS-PFG6006	21 MAY 2011	13:00	2 oz CWMM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6104A	122A3COMP-01-DS-PFG6104A	19 MAY 2011	15:05	2 oz CWMM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6104B	122A3COMP-01-DS-PFG6104B	19 MAY 2011	15:05	2 oz CWMM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6104C	122A3COMP-01-DS-PFG6104C	19 MAY 2011	15:05	2 oz CWMM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PFG-041911-S-MBLM
Page 1 of 1

Project Number: 118166
Project Name: Redstone- PBC
Sample Coordinator: Brian Rhodes
Turnaround Time: 72 hours

Samples Shipment Date: 19 APR 2011
Lab Destination: Microbac Laboratories, Inc
Lab Contact: Stephanie Mossburg
Project Contact: ~~Kim Kestzer~~
Carrier/Waybill No.: UPS/1Z4016632210117719

Bill To: Kim Pinkston
312 Directors Drive
Knoxville TN 37923

Report To: Carleton Edmonds
312 Directors Drive
Knoxville TN 37923

Special Instructions: 72 HOUR TAT

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 E. McDonough
(Signature/Affiliation)

Date: 4-19-11
Time: 15:00

1. Re (Signature) Microbac OVD
Received: 04/21/2011 09:41
By: BRENDA GREENWALT

Date: _____
Time: _____

2. Relinquished By _____
(Signature/Affiliation)

Date: _____
Time: _____

2. Re (Signature) _____

Date: _____
Time: _____

3. Relinquished By _____
(Signature/Affiliation)

Date: _____
Time: _____

3. Re (Signature/Affiliation) Brenda Greenwalt

Date: _____
Time: _____

Comments: RSA-122 soil samples

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PFG6042	122B10F-1-DS-PFG6042	19 APR 2011	09:00	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PFG6105A	122BCOMP-01-DS-PFG6105A	19 APR 2011	09:00	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PFG6105B	122BCOMP-01-DS-PFG6105B	19 APR 2011	09:00	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PFG6105C	122BCOMP-01-DS-PFG6105C	19 APR 2011	09:00	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PFG02242011-S-MB
Page 1 of 2

Project Number: 118166

Samples Shipment Date: 24 FEB 2011

Bill To: Kim Pinkston

Project Name: Redstone- PBC

Lab Destination: Microbac Laboratories, Inc

312 Directors Drive
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Stephanie Mossburg

Report To: Carleton Edmonds

Turnaround Time:

Project Contact: Kim Kostzer

312 Directors Drive

Carrier/Waybill No.: UPS/1Z 401 663 22 1011 6729

Knoxville TN 37923

Special Instructions: 72 HOUR 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 *E. McDonough*
(Signature/Affiliation)

Date: 2/24/11
Time: 16:00

1. Received By

(Signature/Affiliation)

Received: 02/25/2011 10:42

BY: JANE THOMPSON



Microbac OVD

221000012660

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Received: 02/25/2011 10:42

BY: JANE THOMPSON

Jane Thompson

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

3. Received By
(Signature/Affiliation)

DATE:

Comments: RSA-122 SOIL SAMPLES

Sample No	Sample Name	Sample Date	Sample Time	Sample Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PFG6014	122EPCS16-1-SS-PFG6014	23 FEB 2011	15:00	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010 and Mercury by 7470A		N			
PFG6015	122EPCS17-1-SS-PFG6015	23 FEB 2011	15:15	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010 and Mercury by 7470A		N			
PFG6067	122EIF-1-DS-PFG6067	23 FEB 2011	14:15	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010 and Mercury by 7470A		N			
PFG6068	122EZF-1-DS-PFG6068	23 FEB 2011	14:30	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010 and Mercury by 7470A		N			
PFG6107A	122ECOMP-01-DS-PFG6107A	23 FEB 2011	14:30	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010 and Mercury by 7470A		N			
PFG6107B	122ECOMP-01-DS-PFG6107B	23 FEB 2011	14:30	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010 and Mercury by 7470A		N			



Shaw E&I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PFG02242011-S-MB
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PFG6107C	122ECCOMP-01-DS-PFG6107C	23 FEB 2011	14:30	2 oz CWM	1 None except cool to 4 C	7470A Arsenic by 6010 and Mercury by 7470A			N	
PFG9060	122-TCLP01-SO-PFG9060	24 FEB 2011	13:45	8 oz CWM	1 None except cool to 4 C	TCLP ARSENIC ONLY BY 1311/6010C			N	



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PFG02282011-S-MB
Page 1 of 2

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

Samples Shipment Date: 28 FEB 2011
Lab Destination: Microbac Laboratories, Inc
Lab Contact: Stephanie Mossburg
Project Contact: Kim Kostzer
Carrier/Waybill No.: UPS/ 17 40 663 22 101 6710

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

Special Instructions: 72 HOUR 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 *E. McDonough*
(Signature/Affiliation)
Date: 2/28/11
Time: 15:00

2. Received By
(Signature/Affiliation)
3. Received By
(Signature/Affiliation)



Microbac OVD

Received: 03/01/2011 09:47
By: ROBIN KLINGER

Robin J. Klinger
Date: 221000012709

Comments: RSA-122 SOIL SAMPLES

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fil	CID	Condition On Receipt
PFG6019	122F2PCS30-1-SS-PFG6019	24 FEB 2011	13:45	2 oz CWM	1	None except cool to 4 C	ARSENIC BY 6010B, MERCURY BY 7471B			N		
PFG6020	122F2PCS34-1-SS-PFG6020	28 FEB 2011	11:05	2 oz CWM	1	None except cool to 4 C	ARSENIC BY 6010B, MERCURY BY 7471B			N		
PFG6021	122F2PCS35-1-SS-PFG6021	24 FEB 2011	13:30	2 oz CWM	1	None except cool to 4 C	ARSENIC BY 6010B, MERCURY BY 7471B			N		
PFG6071	122F3F-1-DS-PFG6071	25 FEB 2011	13:20	2 oz CWM	1	None except cool to 4 C	ARSENIC BY 6010B, MERCURY BY 7471B			N		
PFG6072	122F3F-1-DS-PFG6072	25 FEB 2011	13:20	2 oz CWM	1	None except cool to 4 C	ARSENIC BY 6010B, MERCURY BY 7471B			N		
PFG6073	122F4F-1-DS-PFG6073	24 FEB 2011	15:00	2 oz CWM	1	None except cool to 4 C	ARSENIC BY 6010B, MERCURY BY 7471B			N		



Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PFG02282011-S-MB
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fill	CID	Condition On Receipt
PFG6074	122F5F-1-DS-PFG6074	24 FEB 2011	15:15	2 oz CWM	1 None except cool to 4 C	7471B ARSENIC BY 6010B, MERCURY BY 7471B		N		
PFG6108A	122FCOMP-01-DS-PFG6108A	25 FEB 2011	13:20	2 oz CWM	1 None except cool to 4 C	7471B ARSENIC BY 6010B, MERCURY BY 7471B		N		
PFG6108B	122FCOMP-01-DS-PFG6108B	25 FEB 2011	13:20	2 oz CWM	1 None except cool to 4 C	7471B ARSENIC BY 6010B, MERCURY BY 7471B		N		
PFG6108C	122FCOMP-01-DS-PFG6108C	25 FEB 2011	13:20	2 oz CWM	1 None except cool to 4 C	7471B ARSENIC BY 6010B, MERCURY BY 7471B		N		
PFG9070	122-PH01-SO-PFG9070	28 FEB 2011	10:30	2 oz CWM	1 None except cool to 4 C	pH by SW-9045C in soil		N		
PFG9071	122-PH02-SO-PFG9071	28 FEB 2011	10:45	2 oz CWM	1 None except cool to 4 C	pH by SW-9045C in soil		N		



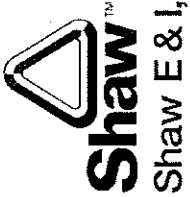
Microbac OVD

Received: 03/01/2011 09:47

By: ROBIN KLINGER

Robin J. Klinger

221000012709



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PFG03032011-S-MB
Page 1 of 2

Project Number: 118166

Samples Shipment Date: 03 MAR 2011

Bill To: Kim Pinkston

Project Name: Redstone-PBC

Lab Destination: Microbac Laboratories, Inc

312 Directors Drive
Knoxville TN 37923

Sample Coordinator: Brian Rhodes

Lab Contact: Stephanie Mossburg

Report To: Carleton Edmonds

Project Contact: Kim Kostzer

312 Directors Drive

Knoxville TN 37923

Carrier/Waybill No.: ~~Fed-Ex~~ UPS / 1Z 4G1 663 22 1011 6587
MM

Special Instructions: 72 HOUR TAT

Possible Hazard Identification:

Non-hazard | Flammable | Skin Irritant

Poison B | Unknown

Sample Disposal:

Return to Client | Disposal by Lab | Archive | (mos.)

1. Relinquished By *Michael Hill*
(Signature/Affiliation)

Date: 3/7/2011
Time: 1400

1. Received By

(Signature/Affiliation)

Date: 221000012823

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Received: 03/04/2011 09:43
BY: JANE THOMPSON

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

3. Received By
(Signature/Affiliation)

Jane K. Thompson
Microbac OVD

Comments: RSA-122 SOIL SAMPLES

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PFG6022	122GPCS19-1-SS-PFG6022	02 MAR 2011	12:25	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6023	122GPCS20-1-SS-PFG6023	03 MAR 2011	9:00	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6024	122GPCS21-1-SS-PFG6024	03 MAR 2011	9:15	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6075	122G1F-1-DS-PFG6075	02 MAR 2011	12:25	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6076	122G2F-1-DS-PFG6076	03 MAR 2011	8:35	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6077	122G3F-1-DS-PFG6077	03 MAR 2011	8:50	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	



Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: PFG03032011-S-MB
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PFG6109A	122GCCOMP-01-DS-PFG6109A	03 MAR 2011	8:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PFG6109B	122GCCOMP-01-DS-PFG6109B	03 MAR 2011	8:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PFG6109C	122GCCOMP-01-DS-PFG6109C	03 MAR 2011	8:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PFG6109C-MS	122GCCOMP-01-DS-PFG6109C-MS	03 MAR 2011	8:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PFG6109C-MSD	122GCCOMP-01-DS-PFG6109C-MSD	03 MAR 2011	8:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Project Number: 118166
 Project Name: Redstone- PBC
 Sample Coordinator: Brian Rhodes
 Turnaround Time: 72 hours

Samples Shipment Date: 06 APR 2011
 Lab Destination: Microbac Laboratories, Inc
 Lab Contact: Stephanie Mossburg
 Project Contact: ~~Kim Kuster~~
 Carrier/Waybill No.: UPS/1Z4016632210116630

Bill To: Kim Pinkston
 312 Directors Drive
 Knoxville TN 37923

Report To: Carleton Edmonds
 312 Directors Drive
 Knoxville TN 37923

Special Instructions: 72 HOUR TAT

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: *Cleaver Madenough*
 (Signature/Affiliation) Date: 4/6/11 Time: 12:30
 Microbac OVD
 Received: 04/07/2011 09:45
 By: ROBIN KLINGER

2. Relinquished By: _____
 (Signature/Affiliation) Date: _____ Time: _____

3. Relinquished By: _____
 (Signature/Affiliation) Date: _____ Time: _____

Comments: RSA-122 SOIL SAMPLES

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PF66079	122H15F-1-DS-PF66079	05 APR 2011	15:20	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF66080	122H15F-1-DS-PF66080	02 APR 2011	12:45	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF66081	122H15F-1-DS-PF66081	02 APR 2011	12:15	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF66083	122H15F-1-DS-PF66083	05 APR 2011	15:55	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF66084	122H15F-1-DS-PF66084	05 APR 2011	15:55	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF66085	122H16F-1-DS-PF66085	05 APR 2011	15:35	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		



Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-040611-S-MBLM
Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PFG6086	122H17F-1-DS-PFG6086	02 APR 2011	12:05	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG610A	122HCOMP-01-DS-PFG610A	05 APR 2011	15:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG610B	122HCOMP-01-DS-PFG610B	05 APR 2011	15:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PFG610C	122HCOMP-01-DS-PFG610C	05 APR 2011	15:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		



Microbac OVD

Received: 04/07/2011 09:45
By: ROBIN KLINGER

Robin J. Klinger

221000013872



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-071311-S-MBLM
Page 1 of 3

Project Number: 118166 Samples Shipment Date: 13 JUL 2011
 Project Name: Redstone- PBC Lab Destination: Microbac Laboratories, Inc
 Sample Coordinator: Brian Rhodes Lab Contact: Stephanie Mossburg
 Turnaround Time: 72 hrs Project Contact: Kim-Keetzer
 Carrier/Waybill No.: UPS/1Z4016632210118503/6542

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

Special Instructions: 72 HOUR TAT

Possible Hazard Identification:

Non-hazard Flammable Skin Irritant Poison B Unknown Radiological

Return to Client Disposal by Lab Archive (mos.)

1. Relinquished By
 (Signature/Affiliation) *Eleanor McDonough*

Date: 7-13-11
 Time: 13:20

2. Relinquished By
 (Signature/Affiliation)

Date:
 Time:

3. Relinquished By
 (Signature/Affiliation)

Date:
 Time:

1. Received By
 (Signature/Affiliation)

Date: 221000016764

2. Received By
 (Signature/Affiliation)

Received: 07/14/2011 10:04
 D.V. CHITNAME DOLICU
Rulog 7/21/11

3. Received By
 (Signature/Affiliation)

Dyanne Rulog RLH



Microbac OVD

Comments: RSA-122 SOIL SAMPLES

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PFG6035	1221PCOMPA-SS-PFG6035	12 JUL 2011	14:25	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6036	1221PCOMP-SS-PFG6036	12 JUL 2011	14:25	2 oz CWM	1	None except cool to 4 C	Arsenic by 5010C and Mercury by 7471B			N	
PFG6037	1221PCOMP-C-SS-PFG6037	12 JUL 2011	14:25	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6039	1221F-1-DS-PFG6039	12 JUL 2011	13:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6100	1221E-1-DS-PFG6100	12 JUL 2011	08:15	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	
PFG6101	1221B-1-DS-PFG6101	12 JUL 2011	08:30	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N	



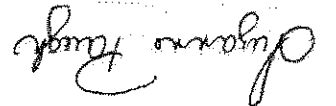
Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-071311-S-MBLM

Page 2 of 3

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units	Fill	CID	Condition On Receipt
PF68111A	122ICOMP-01-DS-PF68111A	12 JUL 2011	13:10	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68111B	122ICOMP-01-DS-PF68111B	12 JUL 2011	13:10	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68111C	122ICOMP-01-DS-PF68111C	12 JUL 2011	13:10	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68116	122ISF-1-DS-PF68116	12 JUL 2011	08:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68125	122A1PCOMPA-SS-PF68125	12 JUL 2011	12:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68126	122A1PCOMP-SS-PF68126	12 JUL 2011	12:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68127	122A1PCOMP-SS-PF68127	12 JUL 2011	12:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68128	122A2PCOMPA-SS-PF68128	13 JUL 2011	07:25	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68129	122A2PCOMP-SS-PF68129	13 JUL 2011	07:25	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68130	122A2PCOMP-SS-PF68130	13 JUL 2011	07:25	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68131	122A3PCOMPA-SS-PF68131	13 JUL 2011	07:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68132	122A3PCOMP-SS-PF68132	13 JUL 2011	07:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68133	122A3PCOMP-SS-PF68133	13 JUL 2011	07:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68134	122DPCOMPA-SS-PF68134	13 JUL 2011	07:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68135	122DPCOMP-SS-PF68135	13 JUL 2011	07:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68136	122DPCOMP-SS-PF68136	13 JUL 2011	07:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68137	122EPCOMPA-SS-PF68137	13 JUL 2011	07:40	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68138	122EPCOMP-SS-PF68138	13 JUL 2011	07:40	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68139	122EPCOMP-SS-PF68139	13 JUL 2011	07:40	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68140	122F1PCOMPA-SS-PF68140	13 JUL 2011	07:45	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68141	122F1COMP-SS-PF68141	13 JUL 2011	07:45	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68142	122F1COMP-SS-PF68142	13 JUL 2011	07:45	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		
PF68143	122F2PCOMPA-SS-PF68143	13 JUL 2011	07:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N		


 Received: 07/14/2011 10:04
 P... CLIMATE DIVISION
Microbac OVD
 221000016764



Shaw E & I, Inc.

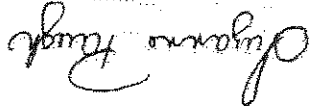
ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-071311-S-MBLM

Page 3 of 3

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PF6144	122FPCOMP-B-SS-PF6144	13 JUL 2011	07:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6145	122FPCOMP-C-SS-PF6145	13 JUL 2011	07:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6146	122GPCOMP-A-SS-PF6146	13 JUL 2011	07:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6147	122GPCOMP-B-SS-PF6147	13 JUL 2011	07:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6148	122GPCOMP-C-SS-PF6148	13 JUL 2011	07:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6149	122HPCOMP-A-SS-PF6149	13 JUL 2011	08:05	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6150	122HPCOMP-B-SS-PF6150	13 JUL 2011	08:05	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6151	122HPCOMP-C-SS-PF6151	13 JUL 2011	08:05	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6152	122BPCOMP-A-SS-PF6152	13 JUL 2011	8:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6153	122BPCOMP-B-SS-PF6153	13 JUL 2011	8:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6154	122BPCOMP-C-SS-PF6154	13 JUL 2011	8:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	
PF6155	BASE OF STOCK/PILE-SS-PF6155	13 JUL 2011	12:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B			N	

221000016764


 Received: 07/14/2011 10:04
 Dyanne Hough
 Microbac OVD





ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-071311-S-MBLM
Page 1 of 3

Project Number: 118166
Project Name: Redstone- PBC
Sample Coordinator: Brian Rhodes
Turnaround Time: 72 hrs

Samples Shipment Date: 13 JUL 2011
Lab Destination: Microbac Laboratories, Inc
Lab Contact: Stephanie Mossburg
Project Contact: ~~Kim Keeszer~~

Bill To: Kim Pinkston
312 Directors Drive
Knoxville TN 37923

Report To: Carleton Edmonds
312 Directors Drive
Knoxville TN 37923

Carrier/Waybill No.: UPS/1Z4016632210118503/0542

Special Instructions: 72 HOUR TAT

Possible Hazard Identification:

Non-hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal:

Return to Client Disposal by Lab Archive (mos.)

1. Relinquished By *Eleanor McDonough*
(Signature/Affiliation)
Date: 7-13-11
Time: 13:20

2. Received By
(Signature/Affiliation)
Date:
Time:

Date:
221000016565

Microbac OVD

Received: 07/14/2011 10:04
D.V. GUZMANE DOLICH

Dyanne Rugh

3. Relinquished By
(Signature/Affiliation)
Date:
Time:

Comments: RSA-122 SOIL SAMPLES

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	FI	CID	Condition On Receipt
PF6035	122IPCOMPA-SS-PF6035	12 JUL 2011	14:25	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6036	122IPCOMPB-SS-PF6036	12 JUL 2011	14:25	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6037	122IPCOMPC-SS-PF6037	12 JUL 2011	14:25	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6099	122IF-1-DS-PF6099	12 JUL 2011	13:10	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6100	122IF-1-DS-PF6100	12 JUL 2011	08:15	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		
PF6101	122IF-1-DS-PF6101	12 JUL 2011	08:30	2 oz CWM	1	None except cool to 4 C	Arsenic by 6010C and Mercury by 7471B			N		



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-071311-S-MBLM
Page 2 of 3

Shaw E & I, Inc.

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PF6611A	122ICOMP-01-DS-PF6611A	12 JUL 2011	13:10	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF6611B	122ICOMP-01-DS-PF6611B	12 JUL 2011	13:10	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF6611C	122ICOMP-01-DS-PF6611C	12 JUL 2011	13:10	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66116	1221B-1-DS-PF66116	12 JUL 2011	08:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66125	122A1PCOMPA-SS-PF66125	12 JUL 2011	12:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66126	122A1PCOMP-SS-PF66126	12 JUL 2011	12:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66127	122A1PCOMP-SS-PF66127	12 JUL 2011	12:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66128	122A2PCOMPA-SS-PF66128	13 JUL 2011	07:25	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66129	122A2PCOMP-SS-PF66129	13 JUL 2011	07:25	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66130	122A2PCOMP-SS-PF66130	13 JUL 2011	07:25	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66131	122A3COMPA-SS-PF66131	13 JUL 2011	07:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66132	122A3COMP-SS-PF66132	13 JUL 2011	07:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66133	122A3COMP-SS-PF66133	13 JUL 2011	07:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66134	122DPCOMPA-SS-PF66134	13 JUL 2011	07:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66135	122DPCOMP-SS-PF66135	13 JUL 2011	07:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66136	122DPCOMP-SS-PF66136	13 JUL 2011	07:35	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66137	122EPCOMPA-SS-PF66137	13 JUL 2011	07:40	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66138	122EPCOMP-SS-PF66138	13 JUL 2011	07:40	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66139	122EPCOMP-SS-PF66139	13 JUL 2011	07:40	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66140	122F1PCOMPA-SS-PF66140	13 JUL 2011	07:45	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66141	122F1COMP-SS-PF66141	13 JUL 2011	07:45	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66142	122F1COMP-SS-PF66142	13 JUL 2011	07:45	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66143	122F2PCOMPA-SS-PF66143	13 JUL 2011	07:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 122-071311-S-MBLM
Page 3 of 3

Shaw E & I, Inc.

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units Fil	CID	Condition On Receipt
PF66144	122F2PCOMP-SS-PFG6144	13 JUL 2011	07:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66145	122F2PCOMP-SS-PFG6145	13 JUL 2011	07:50	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66146	122GPCOMPA-SS-PFG6146	13 JUL 2011	07:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66147	122GPCOMP-SS-PFG6147	13 JUL 2011	07:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66148	122GPCOMP-SS-PFG6148	13 JUL 2011	07:55	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66149	122HPCOMPA-SS-PFG6149	13 JUL 2011	08:05	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66150	122HPCOMP-SS-PFG6150	13 JUL 2011	08:05	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66151	122HPCOMP-SS-PFG6151	13 JUL 2011	08:05	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66152	122BPCOMPA-SS-PFG6152	13 JUL 2011	8:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66153	122BPCOMP-SS-PFG6153	13 JUL 2011	8:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66154	122BPCOMP-SS-PFG6154	13 JUL 2011	8:15	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		
PF66155	BASE OF STOCKPILE-SS-PFG6155	13 JUL 2011	12:30	2 oz CWM	1 None except cool to 4 C	7471B Arsenic by 6010C and Mercury by 7471B		N		



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-110411-5-MBLM

Location Code: 122A1PCS24-1

Task: 118166

Sample Number: PFG6000

Collection Date: 9 Apr 11

Sample Name: 122A1PCS24-1-SO-PFG6000-REG

Collection Time: 0925

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: MJS

(TB) (ER) (FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

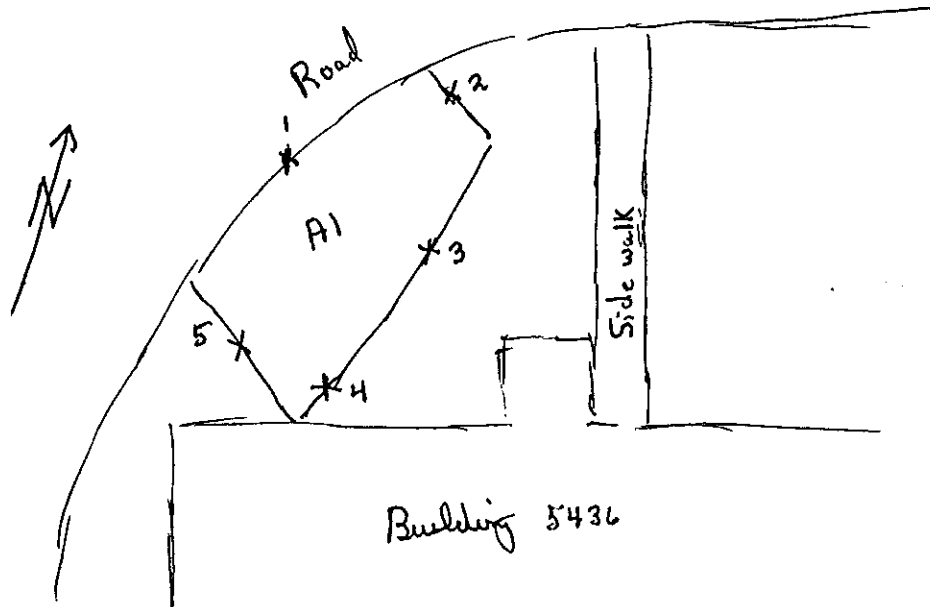
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collect five point composite from excavation perimeter @ 0-1 bgs

Sketch Location:



Logged BY / Date: MJS / 9 Apr 11

Reviewed BY / Date: E. McDonough 6.6.11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-110411-5-MBLM

Location Code: 122A1PCS24-1

Task: 118166

Sample Number: PFG6001

Collection Date: 9 Apr 11

Sample Name: 122A1PCS24-1-SO-PFG6001-FD

Collection Time: 0925

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SS

Sample Purpose: FD

End Depth: 1' bgs

Sampling Equip: _____

Sample Matrix: SO

QC Partners:

Sample Team: *MJS*

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

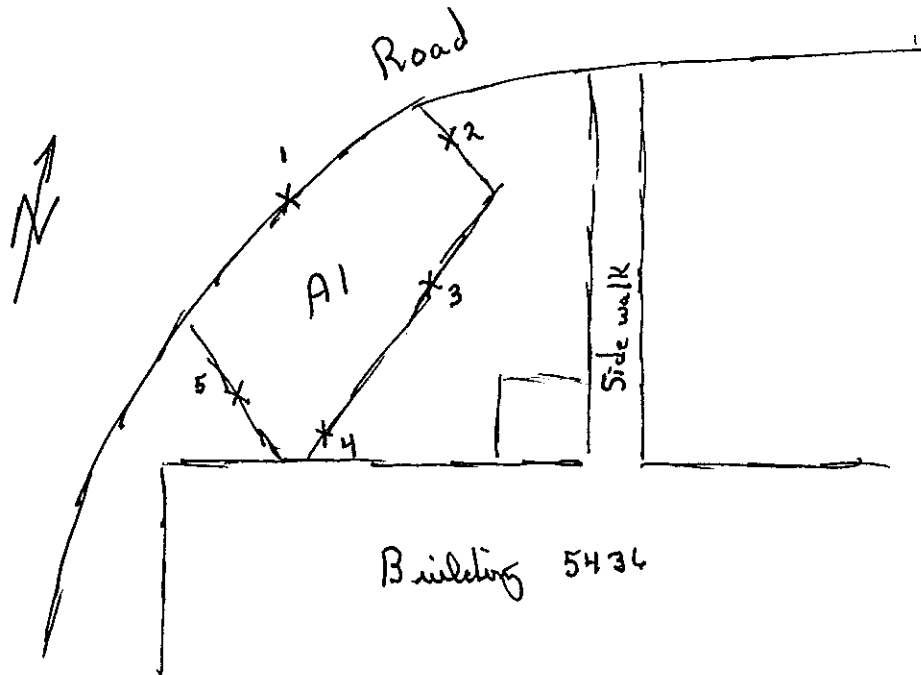
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected five point composite from excavation perimeter @ 0-1 bgs

Sketch Location:



Logged BY / Date: *MJS* / 9 Apr 11

Reviewed BY / Date: *E. McDough* 6.6.11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

Location Code: 122A1F-1

Task: 118166

Sample Number: PFG6038

Collection Date: 9 Apr 11

Sample Name: 122A1F-1-SO-PFG6038-REG

Collection Time: 0905

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: MML

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

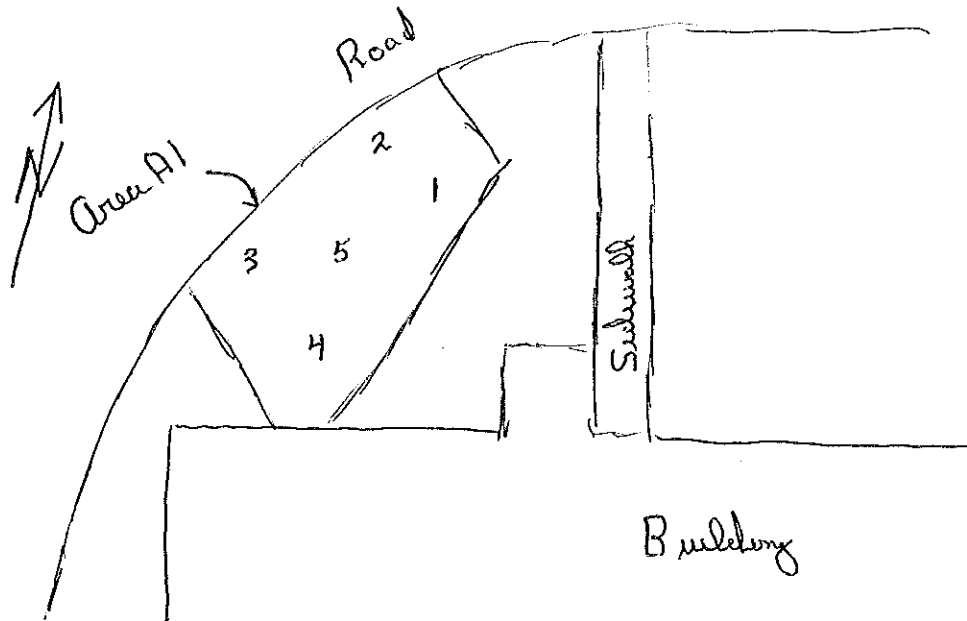
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from presurveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MML / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4/28/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MB

Location Code: 122A1F-1

Task: 118166

Sample Number: PFG6039

Collection Date: 9 Apr 11

Sample Name: 122A1F-1-SO-PFG6039-FD

Collection Time: 0905

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: FD

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

(TB) _____

(ER) _____

(FB) _____

Sample Team: MM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz.	CWM

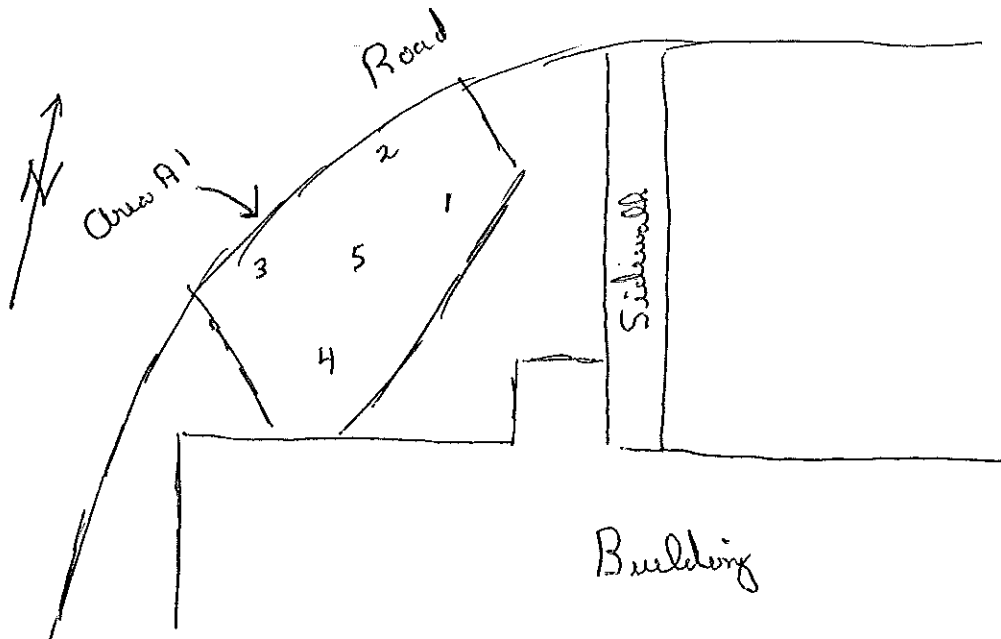
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from pressurized locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: M. Zulu / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

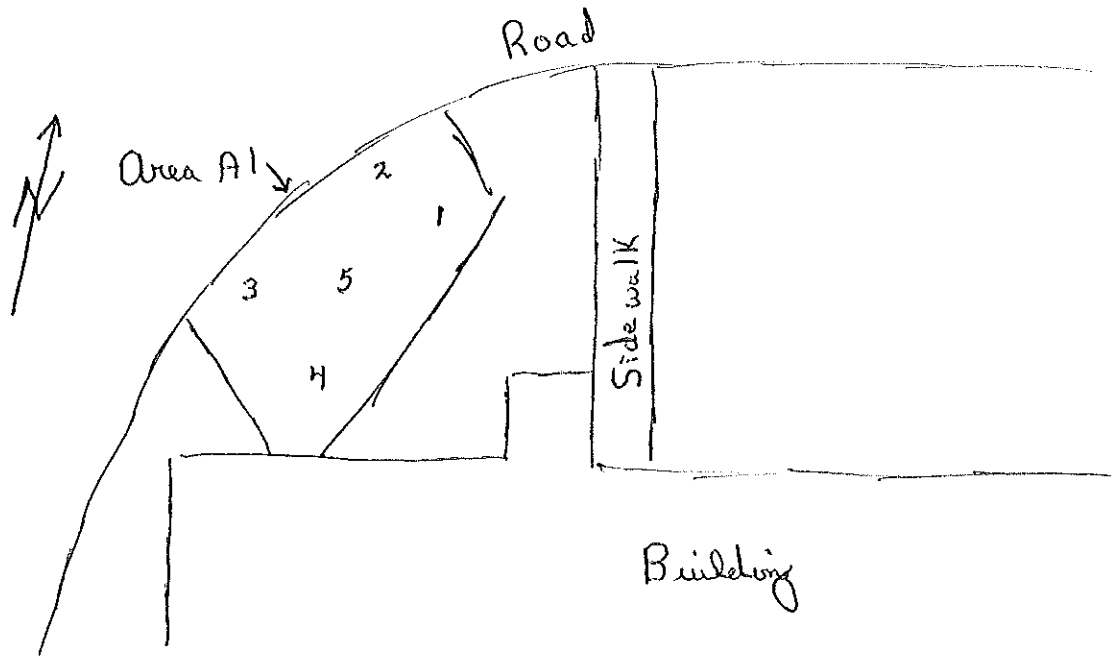
Location Code: **122A1COMP-01** Task: **118166**
 Sample Number: **PFG6102A** Collection Date: 9 Apr 11
 Sample Name: **122A1COMP-01-DS-PFG6102A-REG** Collection Time: 0905
 Sampling Method: **GRAB** Start Depth: 1' bgs
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 1' bgs
 Sampling Equip: SS spoon, bowl, sieve Sample Matrix: **SOIL**
 QC Partners: _____ Sample Team: MMJ
 (TB) _____ (ER) _____ (FB) _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collect five point composite sample from pre-surveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MMJ / 9 Apr 11 Reviewed BY / Date: E. McDonough / 4-28-11

Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

REA / COC Number: 122-04272011-S-MBLM

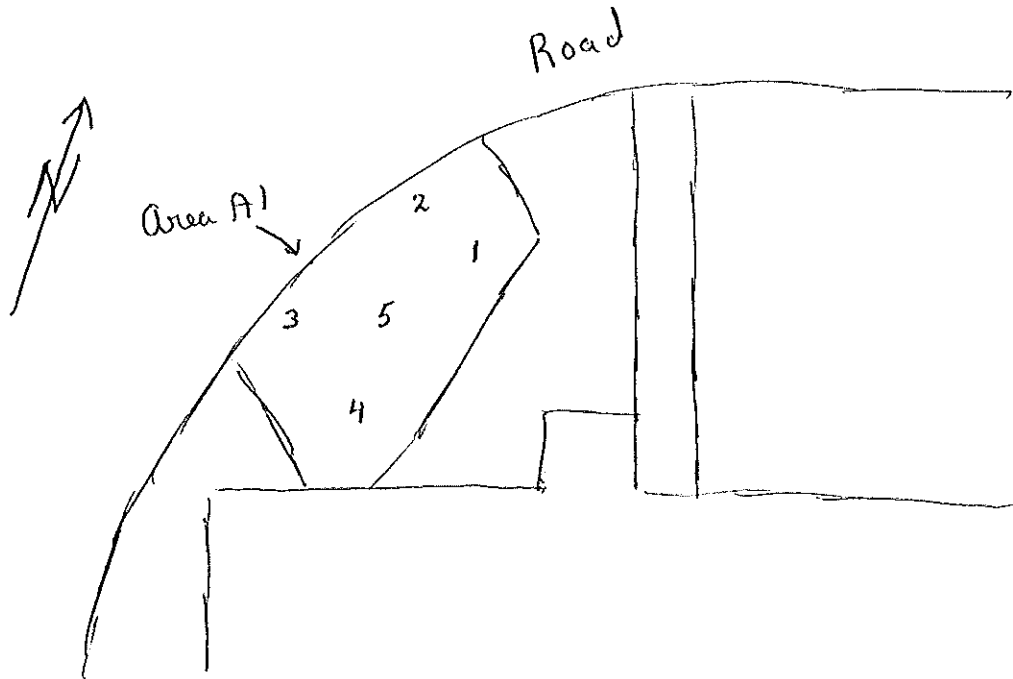
Location Code: 122A1COMP-01
Sample Number: PFG6102B
Sample Name: 122A1COMP-01-DS-PFG6102B-REG
Sampling Method: GRAB
Sample Type: DS
Sampling Equip: SS spoon, bowl, sieve
QC Partners: (TB) (ER) (FB)
Task: 118166
Collection Date: 9 Apr 11
Collection Time: 0905
Start Depth: 1' bgs
End Depth: 1' bgs
Sample Matrix: SOIL
Sample Team: *MLK*

Analytical Suite	Containers			Units	Type
	Flt	Frtn	Qty		
ARSENIC-MERCURY	N	A	1	2	oz CWM

ERPIMS Values:
Sacode: _____
Lot Control#: _____

Comments: *Collect five point composite sample from presurveyed locations on the excavation floor @ 1' bgs*

Sketch Location:



Logged BY / Date: *MLK / 9 Apr 11* Reviewed BY / Date: *E. McDonough / 4-28-11*

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: 122-04272011-S-MBLM

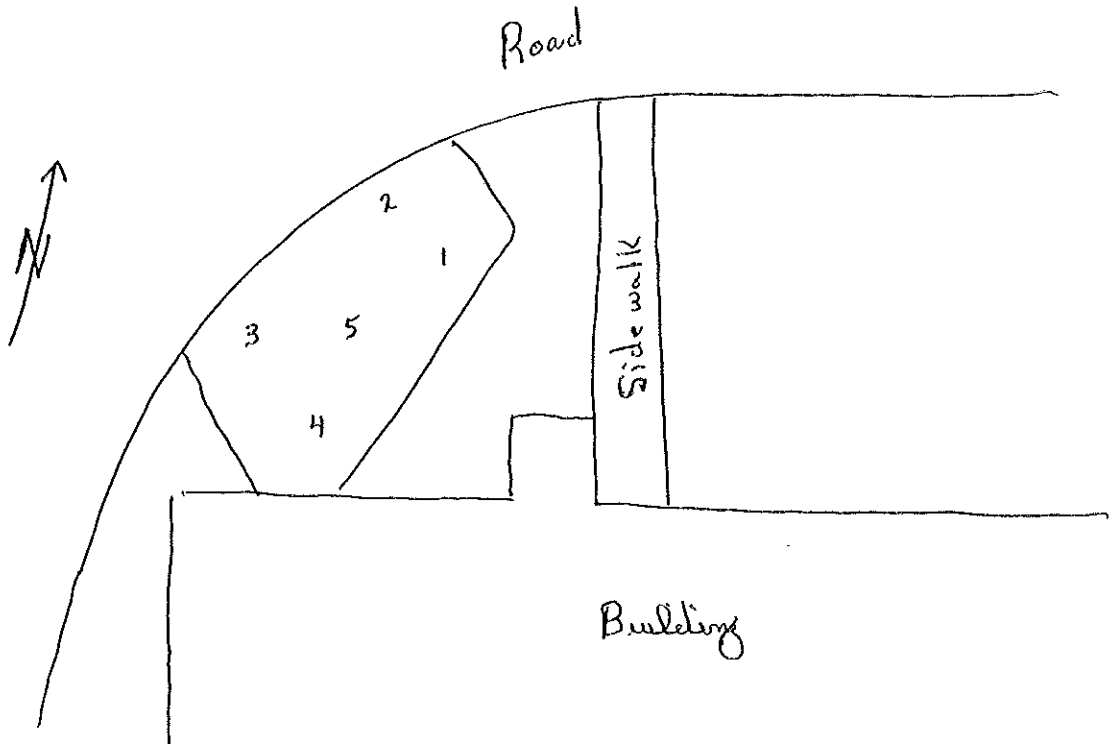
Location Code: **122A1COMP-01** Task: **118166**
 Sample Number: **PFG6102B-MS** Collection Date: 9 Apr 11
 Sample Name: **122A1COMP-01-DS-PFG6102B-MS** Collection Time: 0905
 Sampling Method: **GRAB** Start Depth: 1' bgs
 Sample Type: **DS** Sample Purpose: **MS** End Depth: 1' bgs
 Sampling Equip: SS spoon, bowl, sieve Sample Matrix: **SOIL**
 QC Partners: _____ Sample Team: MM
 (TB) _____ (ER) _____ (FB) _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collect five point composite sample from presurveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

Location Code: **122A1COMP-01**

Task: **118166**

Sample Number: **PFG6102B-MSD**

Collection Date: 9 Apr 11

Sample Name: **122A1COMP-01-DS-PFG6102B-MSD**

Collection Time: 0905

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **MSD**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

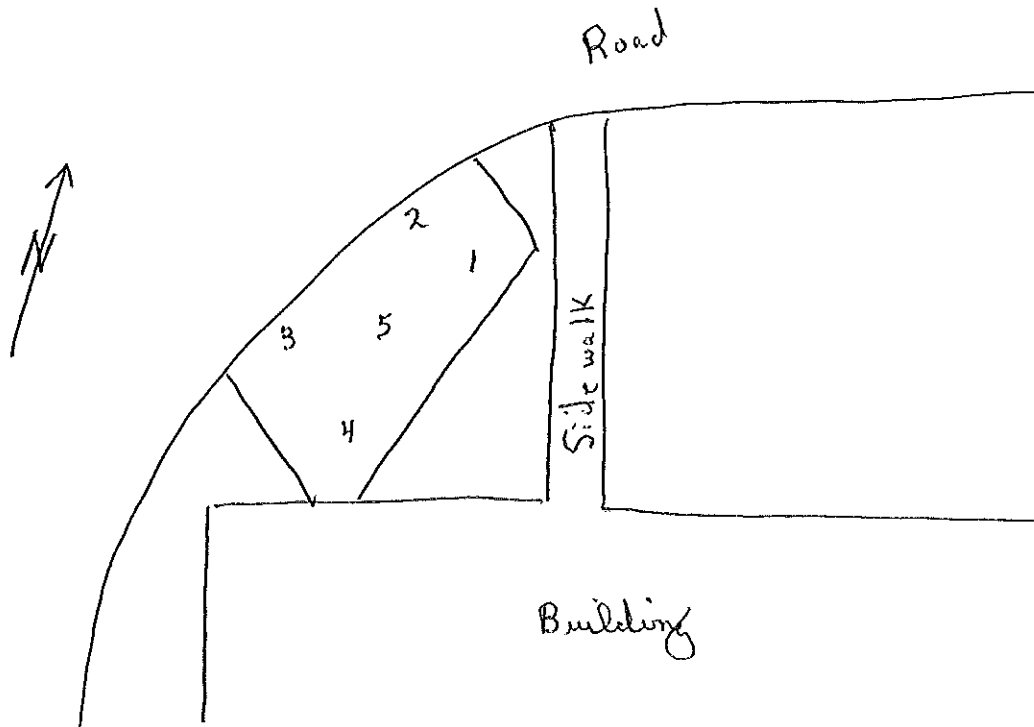
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from presurveyed location on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: M. Melu / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-09272011-5-MBLM

Location Code: 122A1COMP-01

Task: 118166

Sample Number: PFG6102C

Collection Date: 9 Apr 11

Sample Name: 122A1COMP-01-DS-PFG6102C-REG

Collection Time: 0905

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(FB) (ER) (FB) Sample Team: MZ

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

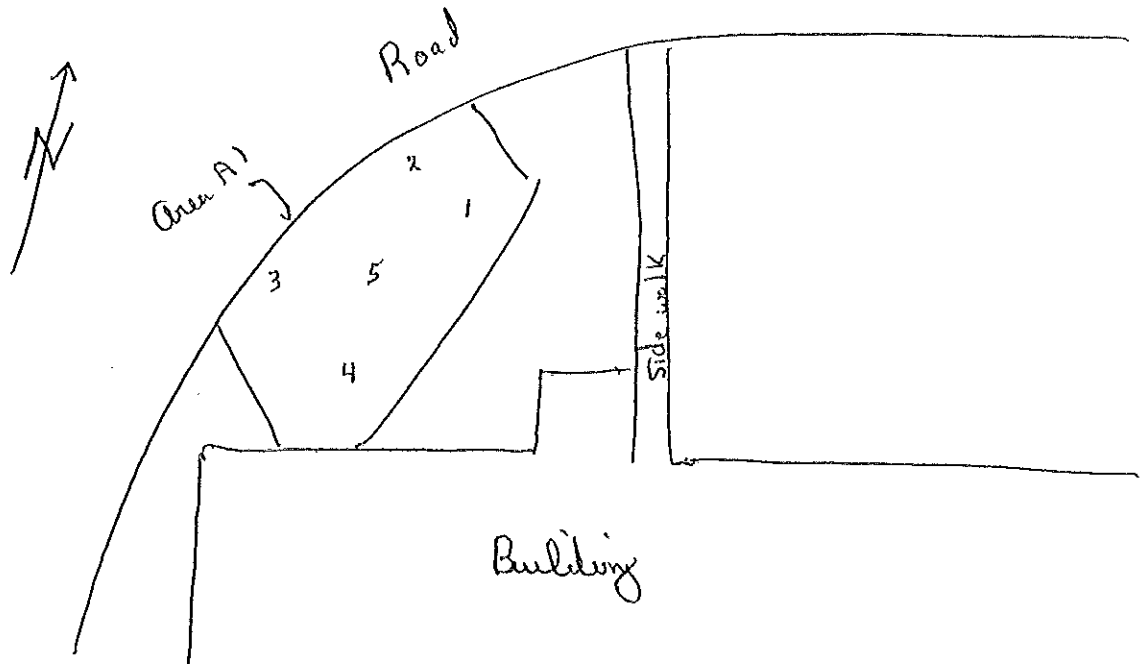
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collect five point composite sample from presurvey location on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: M. G. / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-110411-S-MBLM

Location Code: 122A2PCS28-1

Task: 118166

Sample Number: PFG6003

Collection Date: 9 Apr 11

Sample Name: 122A2PCS28-1-SO-PFG6003-REG

Collection Time: 1425

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: *[Signature]*

(TB) (ER) (FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

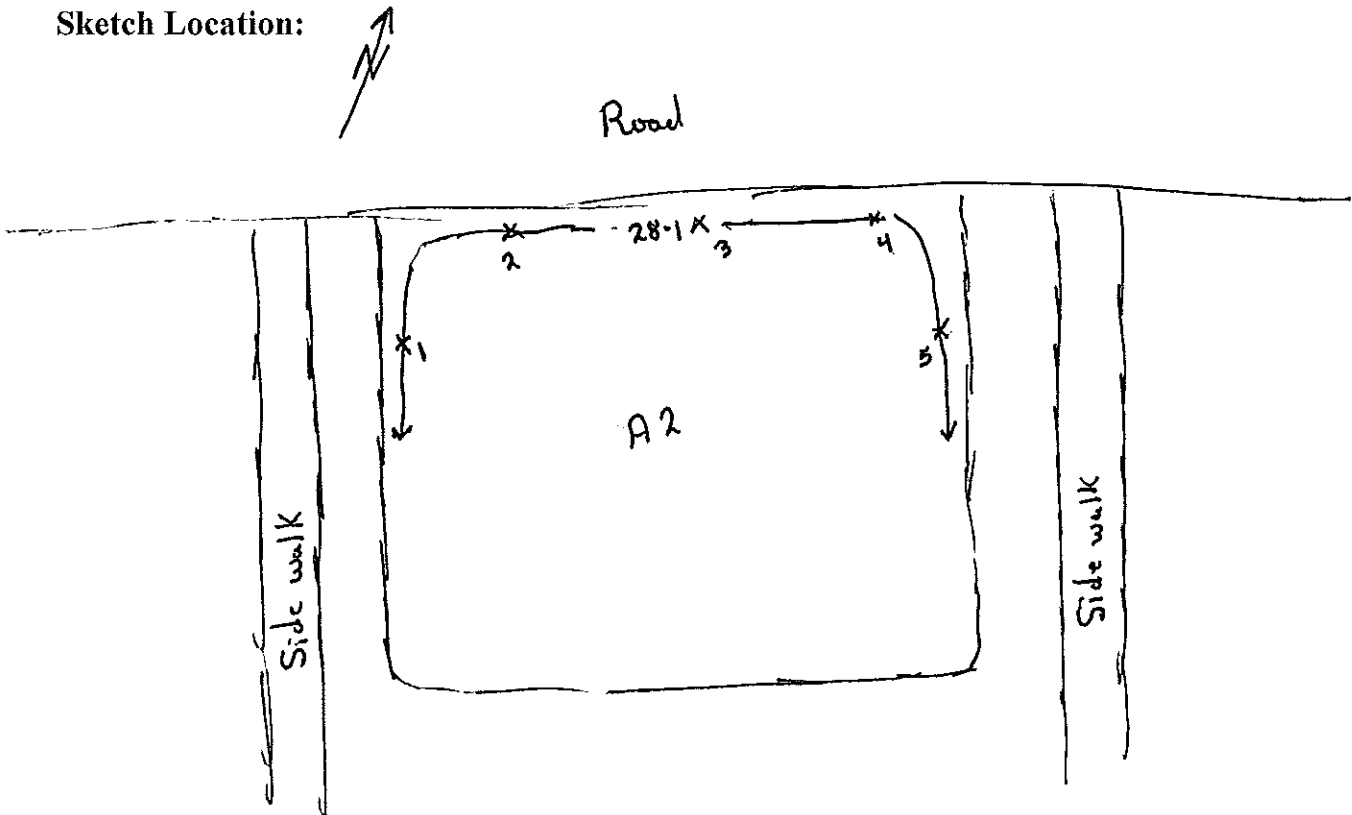
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite from excavation perimeter @ 0-1 bgs

Sketch Location:



Logged BY / Date: *[Signature]* / 9 Apr 11

Building 5436

Reviewed BY / Date: *[Signature]* 6.6.11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-110411-S-MBLM

Location Code: 122A2PCS29-1

Task: 118166

Sample Number: PFG6004

Collection Date: 9 Apr 11

Sample Name: 122A2PCS29-1-SO-PFG6004-REG

Collection Time: 1410

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: *ML*

(TB) _____ (ER) _____ (FB) _____

Containers

ERPIMS Values:

Analytical Suite Flt Frtn Qty Size Units Type

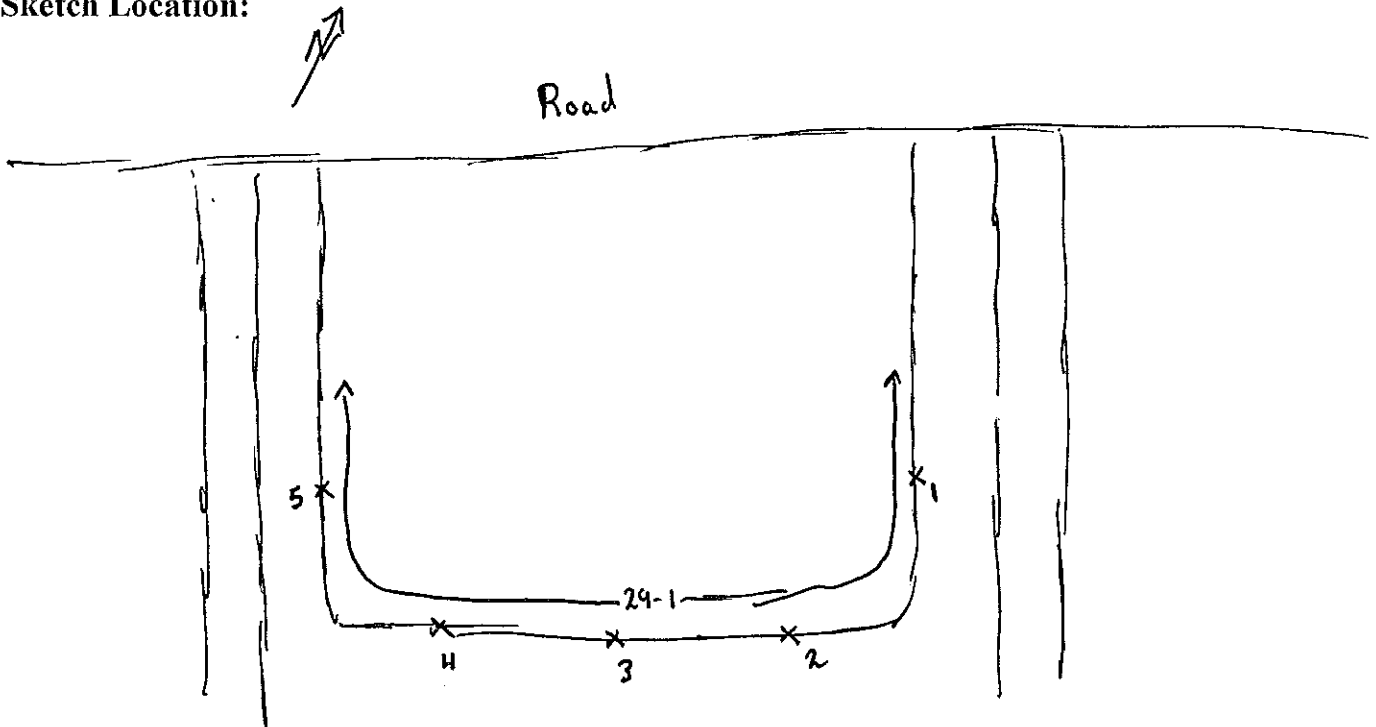
Sacode: _____

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

Lot Control#: _____

Comments: Collect five point composite from excavation perimeter @ 0-1 bgs

Sketch Location:



Building 5436

Logged BY / Date: *ML* / 9 Apr 11

Reviewed BY / Date: *G.M. Donogh* 6.6.11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-5-MBLM

Location Code: 122A2F-1

Task: 118166

Sample Number: PFG6040

Collection Date: 9 Apr 11

Sample Name: 122A2F-1-SO-PFG6040-REG

Collection Time: 1350

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: JMK

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

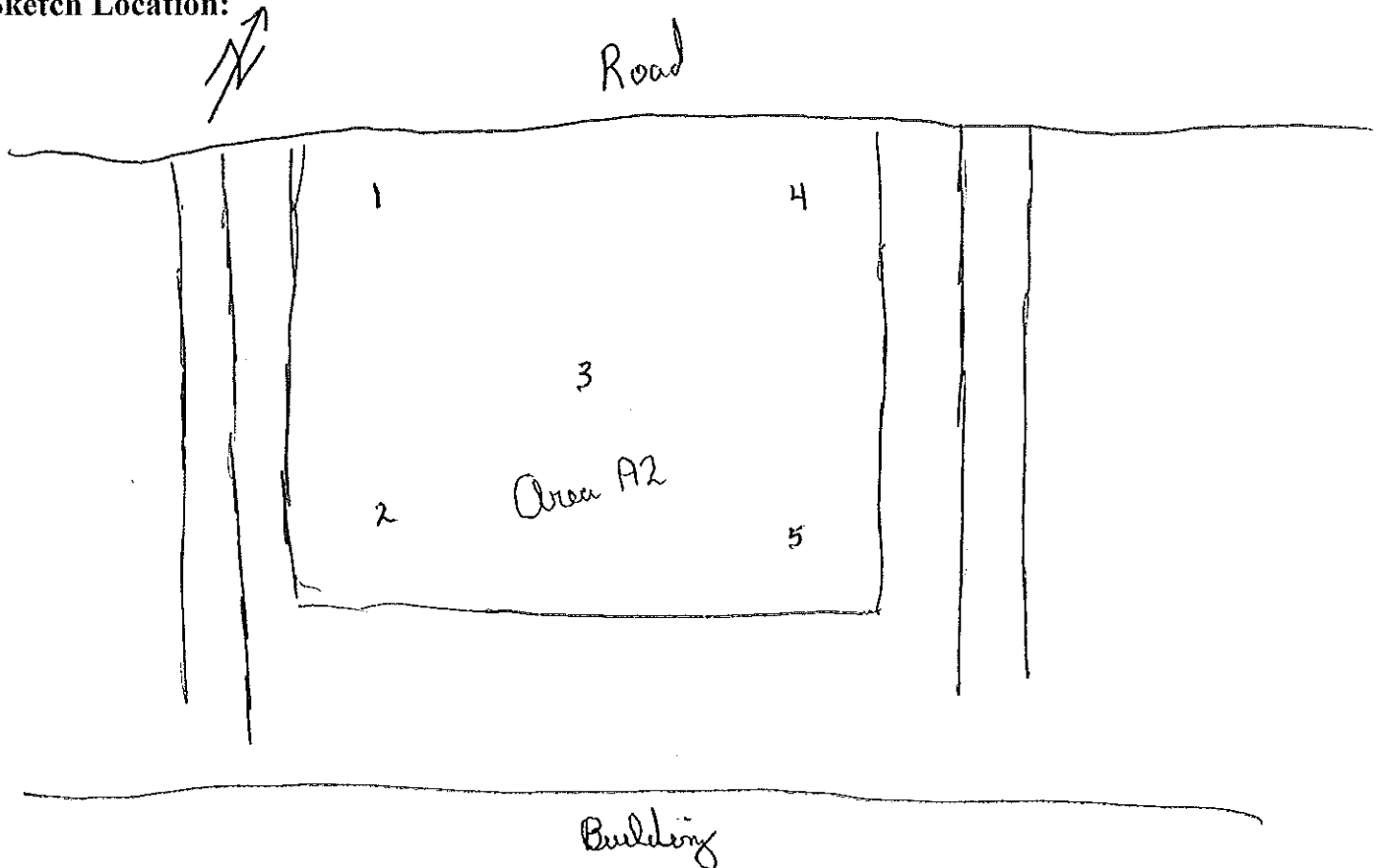
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collect five point composite sample from pressurized location on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: JMK / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

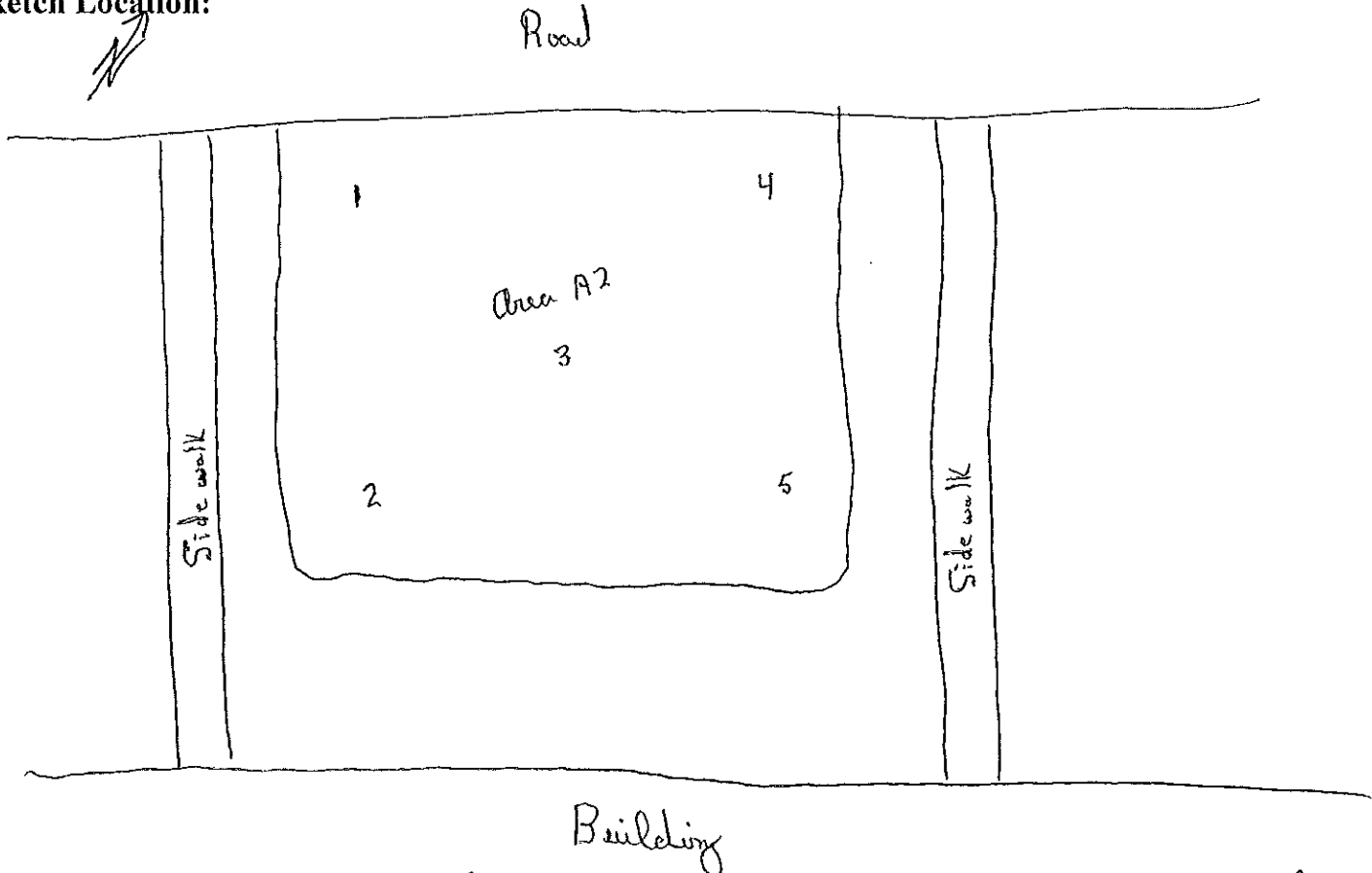
Location Code: 122A2COMP-01
 Sample Number: PFG6103A
 Sample Name: 122A2COMP-01-DS-PFG6103A-REG
 Sampling Method: GRAB
 Sample Type: DS
 Sampling Equip: SS spoon, bowl, sieve
 QC Partners: (TB) (ER) (FB)
 Task: 118166
 Collection Date: 09/11 09 Apr 11
 Collection Time: 1350
 Start Depth: 1' bgs
 End Depth: 1' bgs
 Sample Matrix: SOIL
 Sample Team: MML

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: Collected five point composite sample from presurveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MML / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11

Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

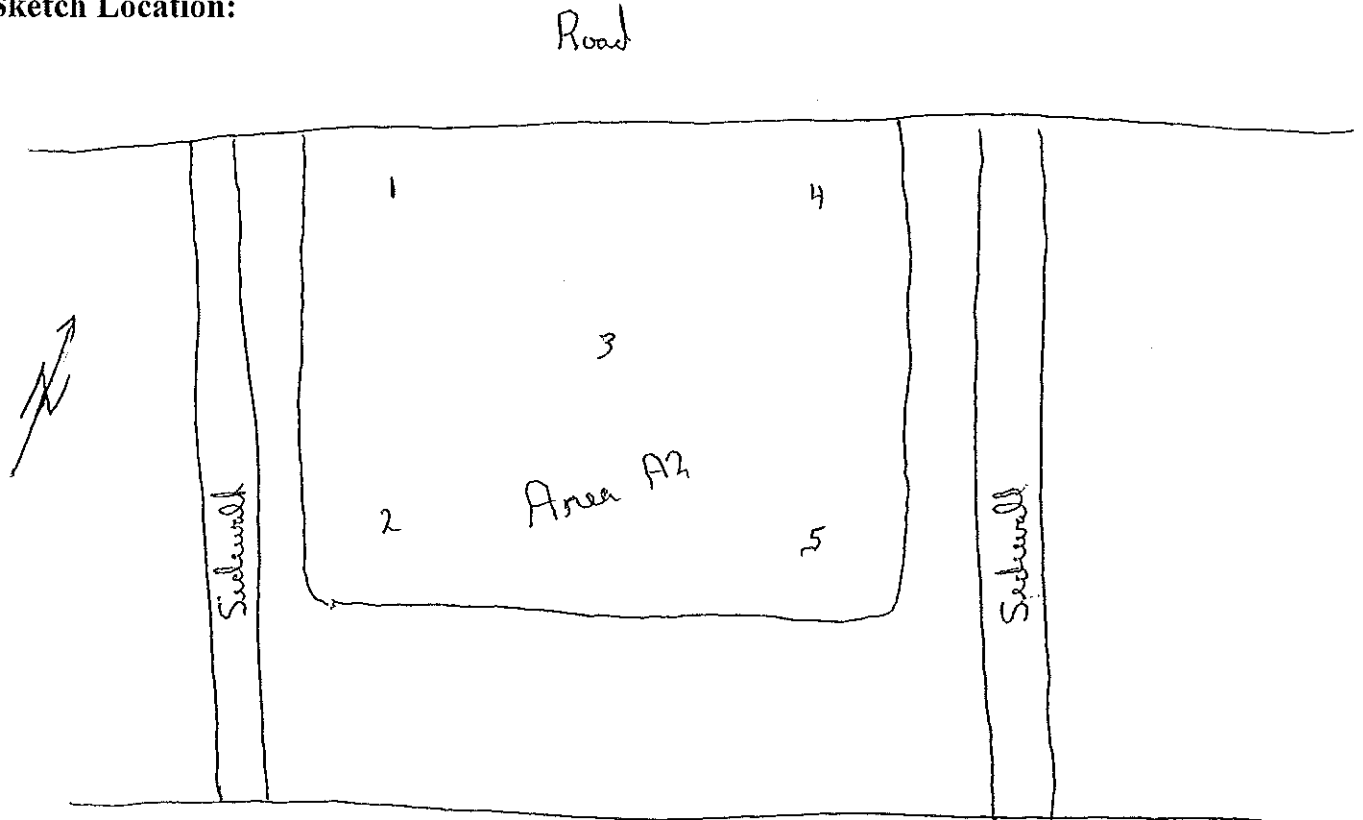
Location Code: **122A2COMP-01** Task: **118166**
 Sample Number: **PFG6103B** Collection Date: 9 Apr 11
 Sample Name: **122A2COMP-01-DS-PFG6103B-REG** Collection Time: 13:50
 Sampling Method: **GRAB** Start Depth: 1' bgs
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 1' bgs
 Sampling Equip: SS spoon, bowl, sieve Sample Matrix: **SOIL**
 QC Partners: (TB) _____ (ER) _____ (FB) _____ Sample Team: MM

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collect five point composite sample from preserved locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM / 9 Apr 11 Reviewed BY / Date: E. McDonough / 4-28-11
 Building



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

Location Code: 122A2COMP-01

Task: 118166

Sample Number: PFG6103C

Collection Date: 9 Apr 11

Sample Name: 122A2COMP-01-DS-PFG6103C-REG

Collection Time: 13:50

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, shovel, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

ERPIMS Values:

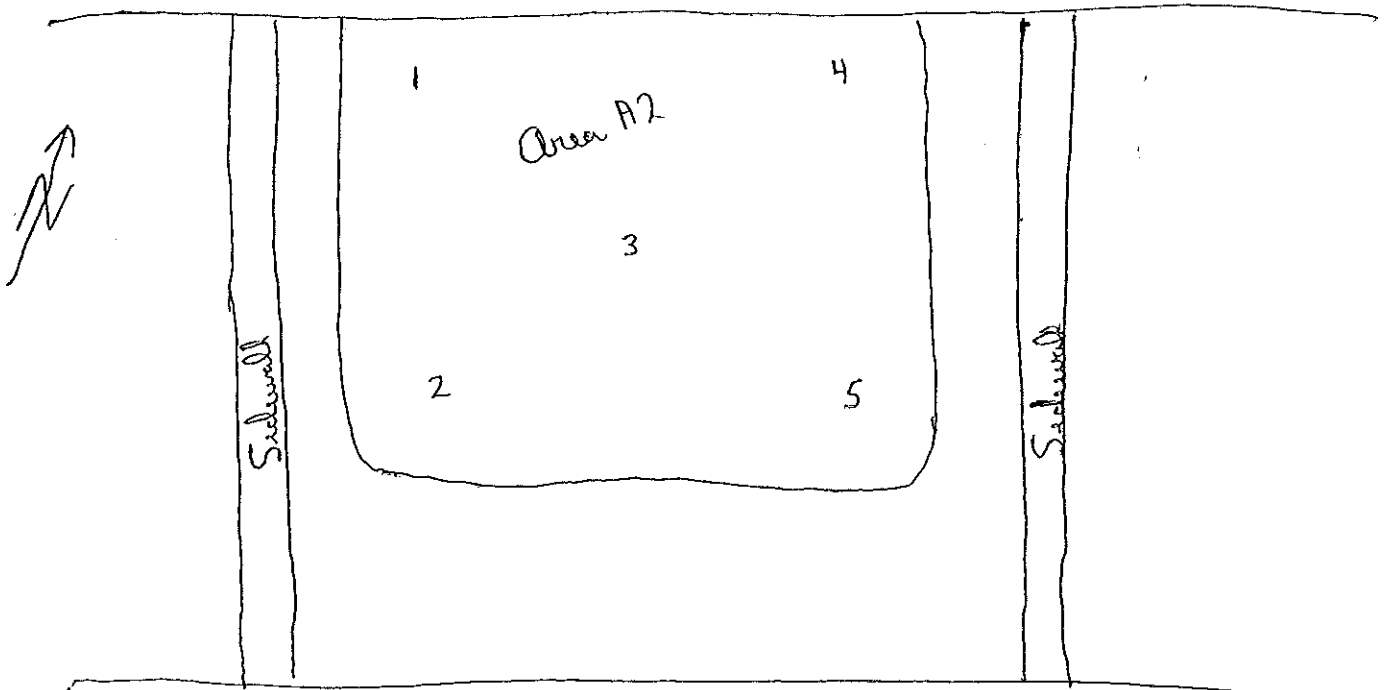
Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from presurveyed location on the excavation floor @ 1' bgs

Sketch Location:

Road



Logged BY / Date: MM / 9 Apr 11 Building Reviewed BY / Date: E. McDonough / 4-28-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06062011-5-MB

Location Code: **122A3PCS25-1**

Task: **118166**

Sample Number: **PTG6005**

Collection Date: 19 May 11

Sample Name: **122A3PCS25-1-SO-PTG6005-REG**

Collection Time: 1505

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **SS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl and sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: ZMS

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

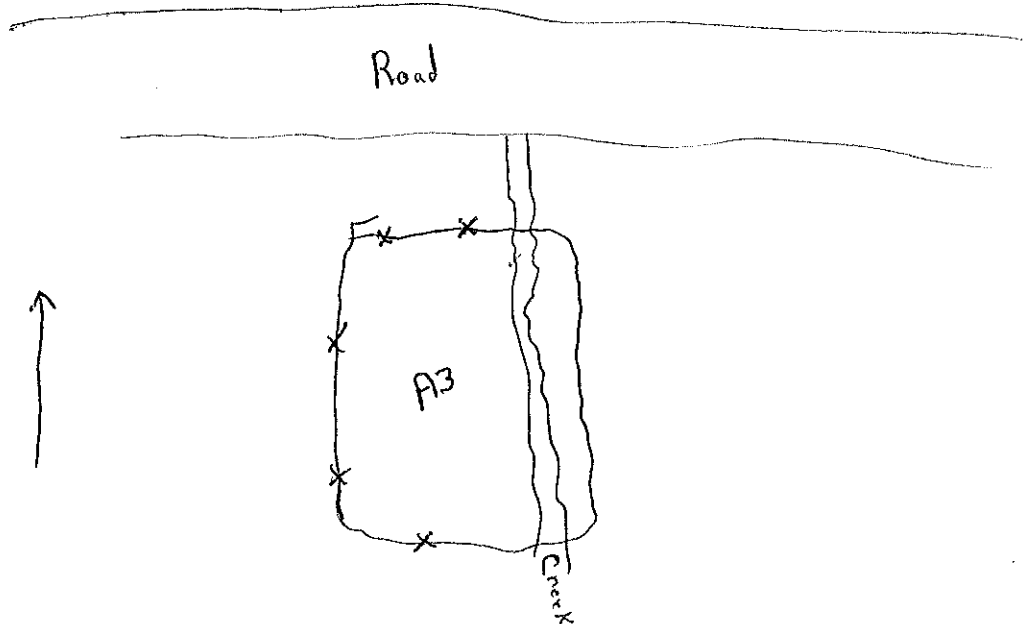
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: A composite of five samples collected along the perimeter of A3 @ a depth of 0-1' bgs

Sketch Location:



Logged BY / Date: ZMS 19 May 11

Reviewed BY / Date: E. McDonough 6-15-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06062011-S-MB

Location Code: 122A³PCS27-1

Task: 118166

Sample Number: PFG6002

Collection Date: 19 May 11

Sample Name: 122A³PCS27-1-SO-PFG6002-REG

Collection Time: 1505

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl and sieve

Sample Matrix: SO

QC Partners:

Sample Team: *MD*

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

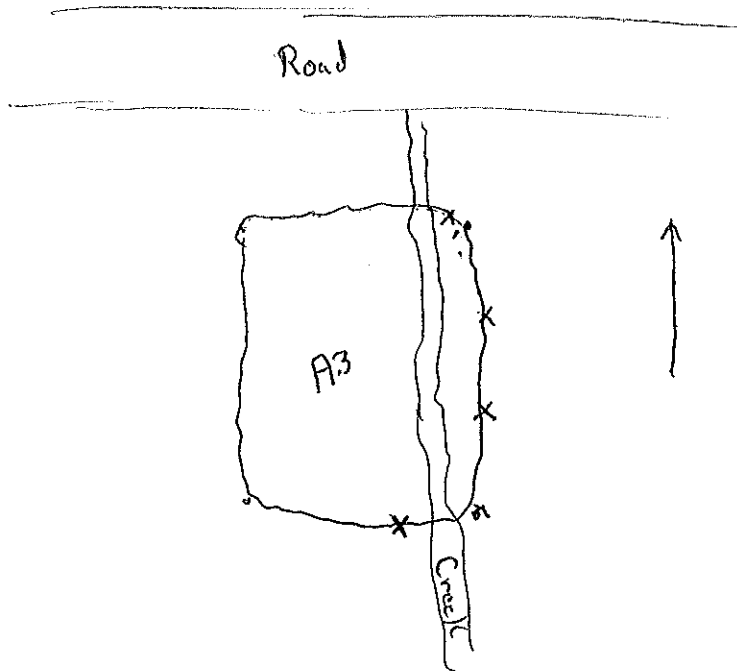
ERPIMS Values:

Sacode:

Lot Control#:

Comments: A composite of five samples collected along the perimeter of subarea A3 @ 0-1' bgs

Sketch Location:



Logged BY / Date: *MD* 19 May 11

Reviewed BY / Date: *E. McDonough* 6-15-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06062011-S-MB

Location Code: **122A3F-1**

Task: **118166**

Sample Number: **PFG6041**

Collection Date: 19 July 11

Sample Name: **122A3F-1-SO-PFG6041-REG**

Collection Time: 1505

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl and sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: ML

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

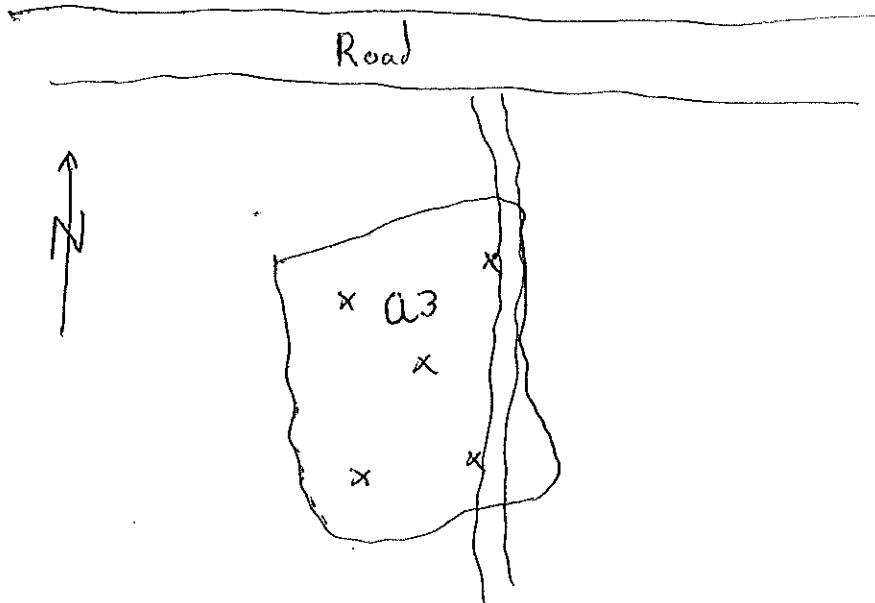
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: A composite of five samples collected @ a depth of 1' bgs on the excavation floor

Sketch Location:



Logged BY / Date: ML 19 July 11

Reviewed BY / Date: Q. McDonough 6-15-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05232011-S-MBLM

Location Code: 122A3COMP-01

Task: 118166

Sample Number: PFG6104A

Collection Date: 19 May 11

Sample Name: 122A3COMP-01-DS-PFG6104A-REG

Collection Time: 1505

Sampling Method: GRAB

Start Depth: 1'

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: SS spoon, sieve, bowl

Sample Matrix: SOIL

QC Partners:

Sample Team: MB

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:

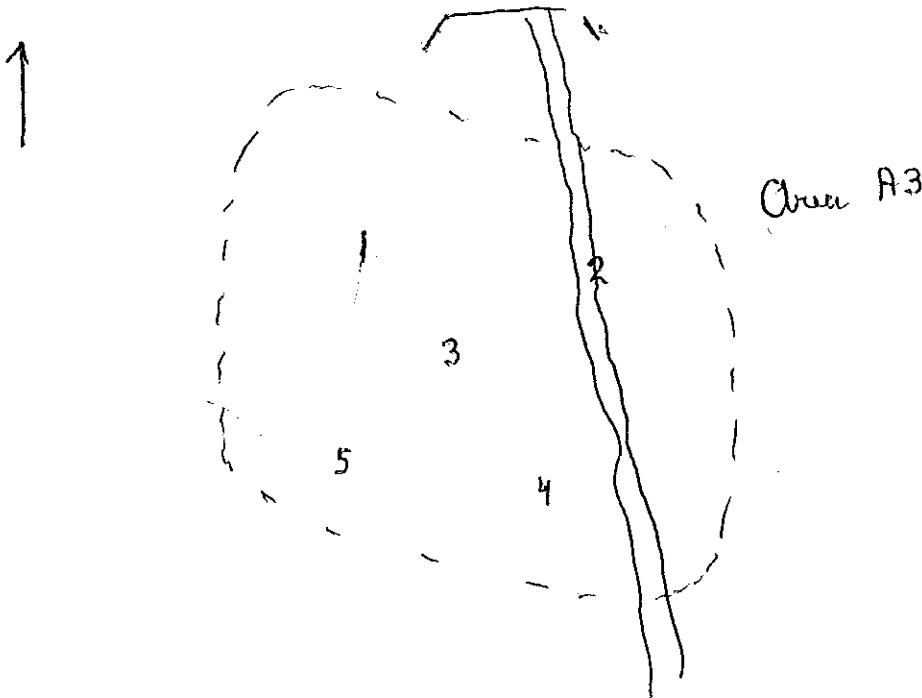
Sacode:

Lot Control#:

Comments: Five point composite sample collected @ 1' bgs on the extraction floor from pressure location

Sketch Location:

Road



Logged BY / Date: MBL 19 May 2011

Reviewed BY / Date: E. McDonough 6.3.11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05232011-S-MBLM

Location Code: **122A3COMP-01**

Task: **118166**

Sample Number: **PFG6104B**

Collection Date: 1977 May 15

Sample Name: **122A3COMP-01-DS-PFG6104B-REG**

Collection Time: 1505

Sampling Method: **GRAB**

Start Depth: 1

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1

Sampling Equip: SS spoon, sieve, bowl

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MJ

(TB) _____ (ER) _____ (EB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

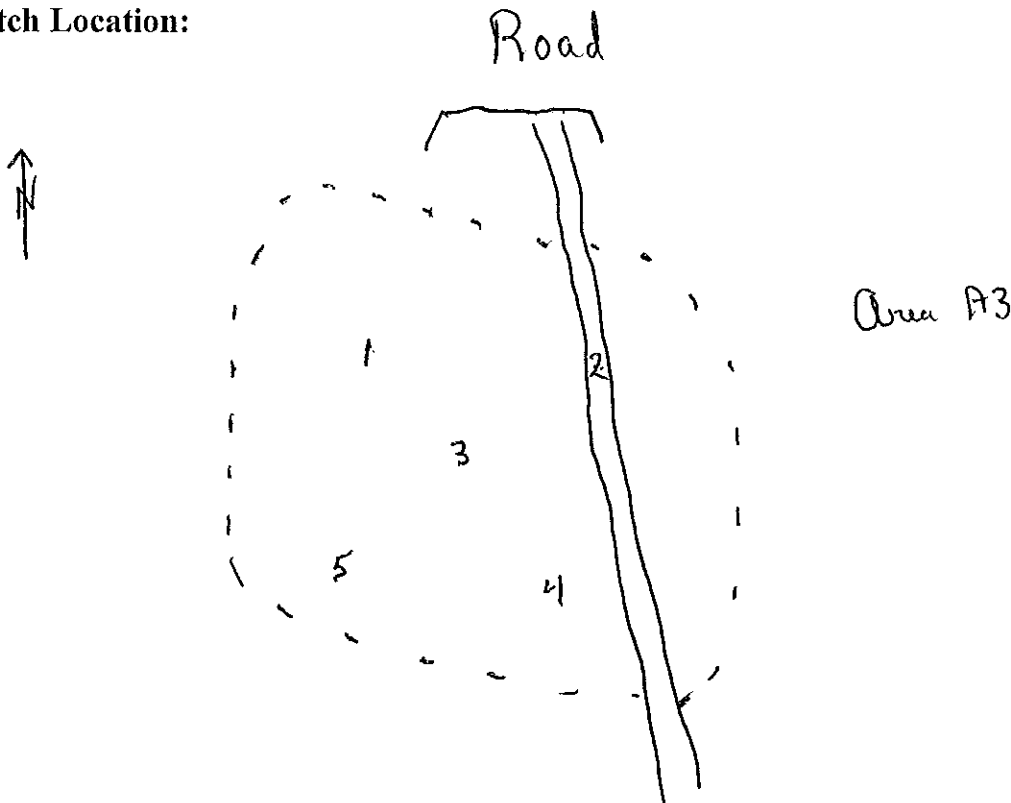
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Five point composite sample collected @ 1' bgs on the explanation floor from pre-surveyed location

Sketch Location:



Logged BY / Date: MJR 1977 May

Reviewed BY / Date: E. McDonough 6.3.11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 12-05232011-S-MBLM

Location Code: 122A3COMP-01

Task: 118166

Sample Number: PFG6104C

Collection Date: 19 May 11

Sample Name: 122A3COMP-01-DS-PFG6104C-REG

Collection Time: 1505

Sampling Method: GRAB

Start Depth: 1

Sample Type: DS

Sample Purpose: REG

End Depth: 1

Sampling Equip: SS spoon, sieve, bowl

Sample Matrix: SOIL

QC Partners:

Sample Team: *ML*

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

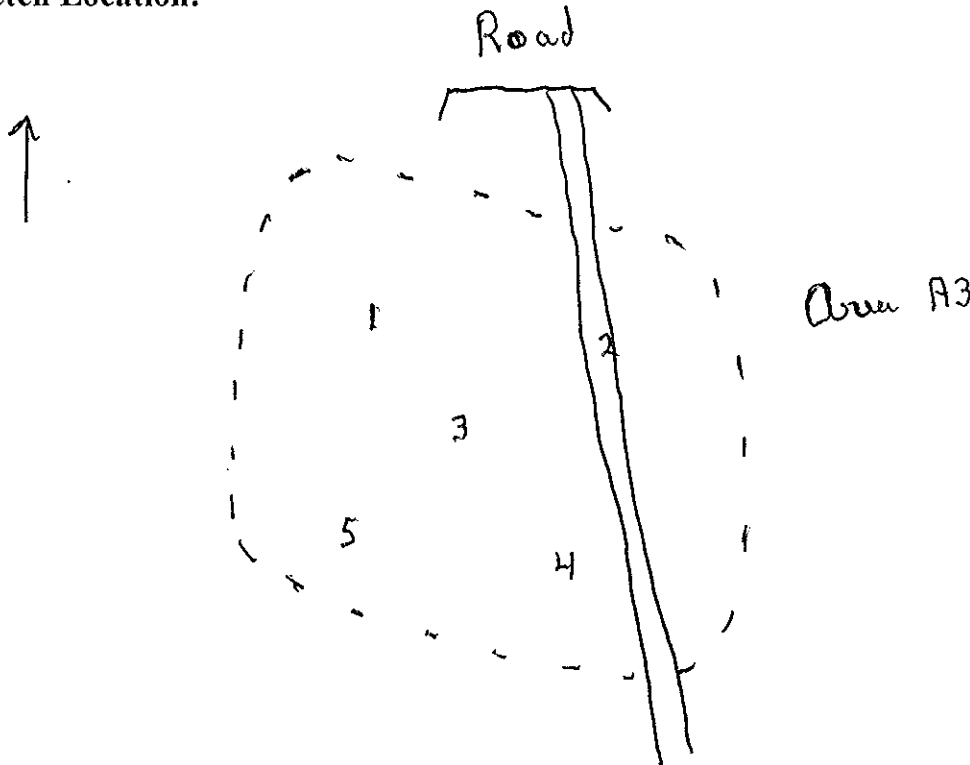
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Five point composite sample collected @ 1' bgs on the excavation floor from pre-surveyed location

Sketch Location:



Logged BY / Date: *ML* 19 May 2011

Reviewed BY / Date: *E. McDonough* 6.3.11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06152011-S-MB

Location Code: **122DPCS61-1**

Task: **118166**

Sample Number: **PFG6012**

Collection Date: 14 June 11

Sample Name: **122DPCS61-1-SO-PFG6012-REG**

Collection Time: 1555

Sampling Method: **HA**

Start Depth: 0 bgs

Sample Type: **SS** Sample Purpose: **REG**

End Depth: 1 bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MMB/ETM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

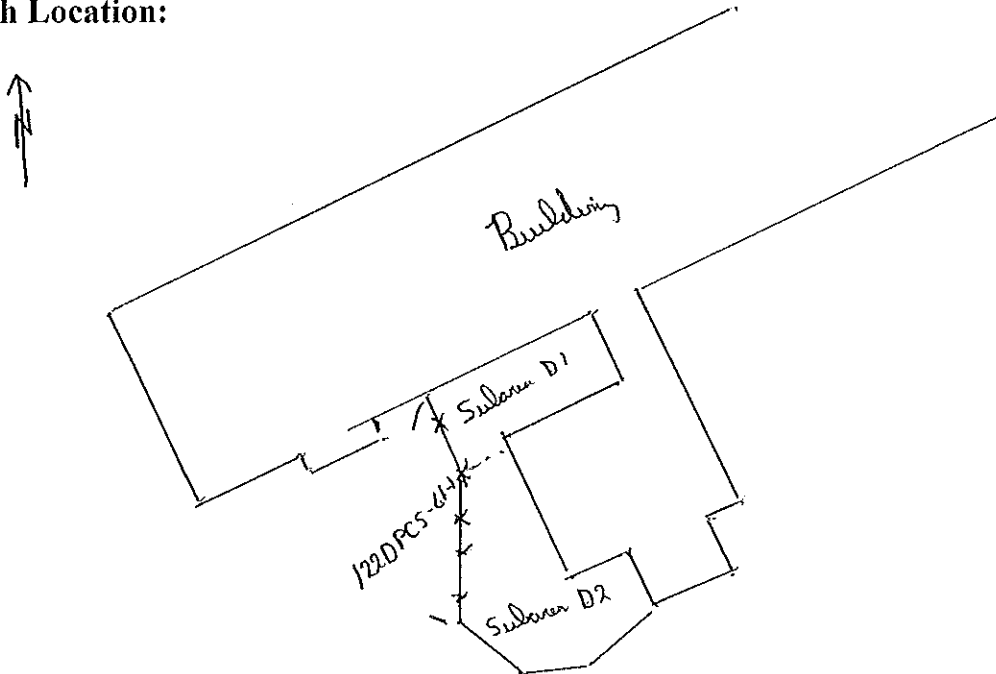
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five perimeter sample locations @ 0-1 bgs

Sketch Location:



Logged BY / Date: MMB 14 June 11

Reviewed BY / Date: E. McDonough 6-16-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06152011-S-MB

Location Code: **122DPCS63-1**

Task: **118166**

Sample Number: **PFG6013**

Collection Date: 15 June 11

Sample Name: **122DPCS63-1-SO-PFG6013-REG**

Collection Time: 0830

Sampling Method: **HA**

Start Depth: 0'

Sample Type: **SS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: M.A. / E.M.

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

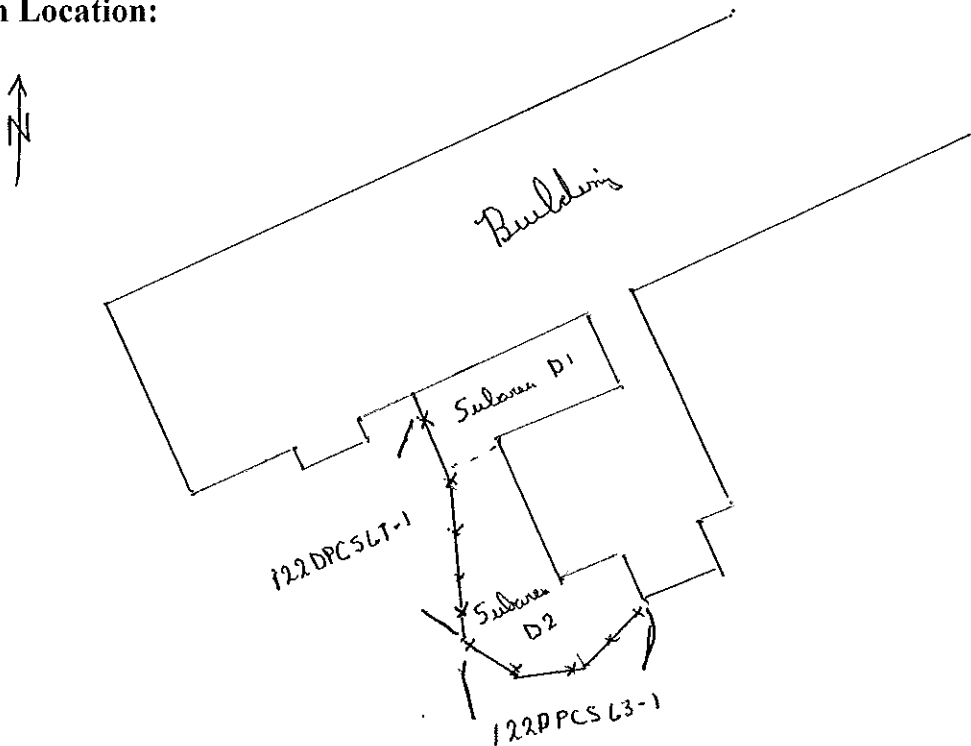
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five perimeter sample locations collected @ 0-1 hrs

Sketch Location:



Logged BY / Date: M. H. 15 June 11

Reviewed BY / Date: E. McDonald 6-16-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05187011-S-MB

Location Code: **122D1F-1**

Task: **118166**

Sample Number: **PFG6065**

Collection Date: 18 May 11

Sample Name: **122D1F-1-SO-PFG6065-REG**

Collection Time: 0835

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: 7772

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

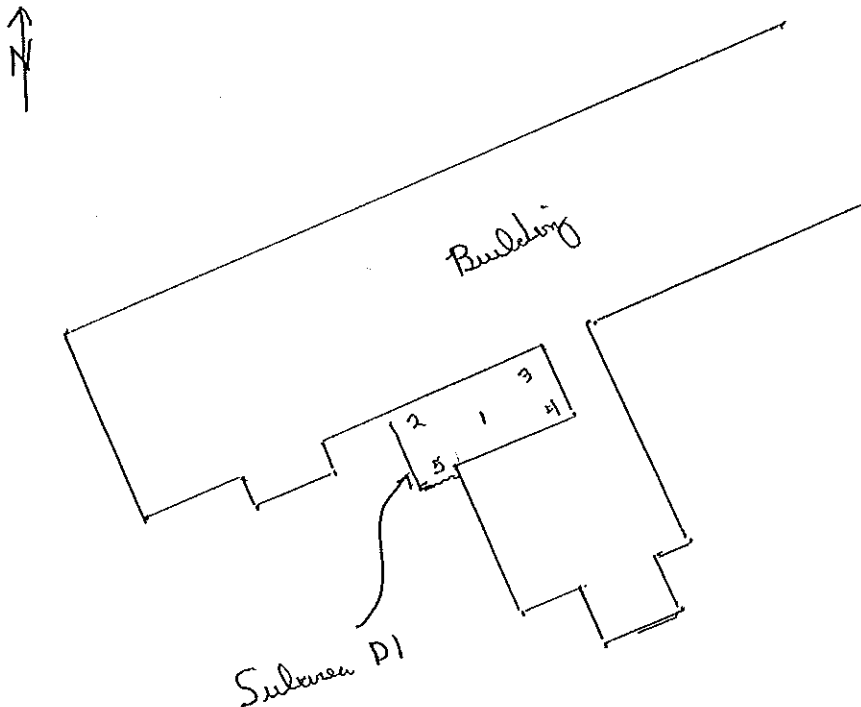
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five presurveyed sample locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: 7772 18 May 11

Reviewed BY / Date: E. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05182011-S-MB

Location Code: 122D1F-1

Task: 118166

Sample Number: PFG6065-MS

Collection Date: 18 May 11

Sample Name: 122D1F-1-SO-PFG6065-MS

Collection Time: 0835

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: MS

End Depth: 1' bgs

Sampling Equip: SS spoon, hand, sieve

Sample Matrix: SO

QC Partners:

Sample Team: MM

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

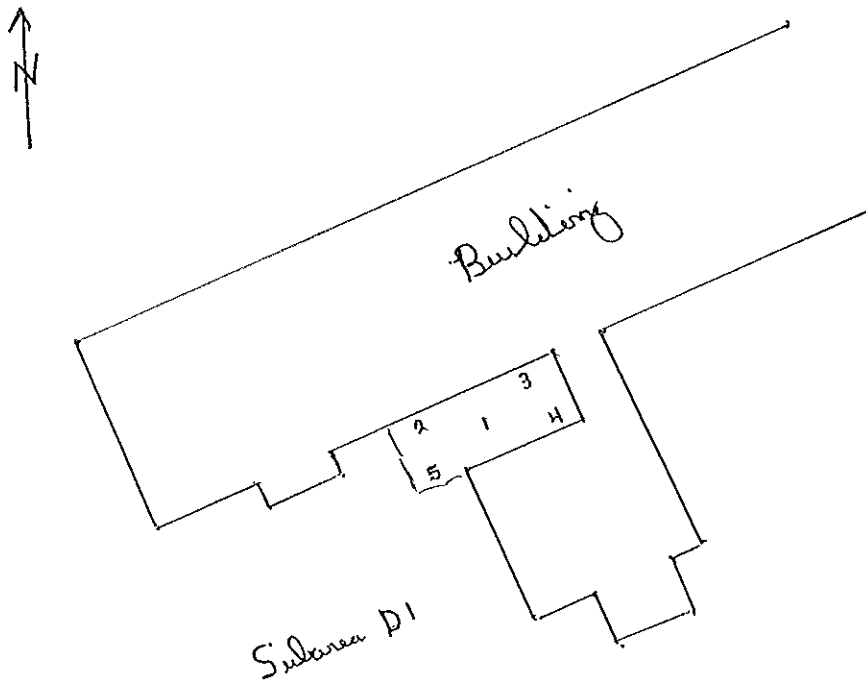
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five pre-surveyed sample locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM 18 May 11

Reviewed BY / Date: E. McDermott 6-16-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05182011-5-MB

Location Code: **122D1F-1**

Task: **118166**

Sample Number: **PFG6065-MSD**

Collection Date: 18 May 11

Sample Name: **122D1F-1-SO-PFG6065-MSD**

Collection Time: 0835

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **MSD**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

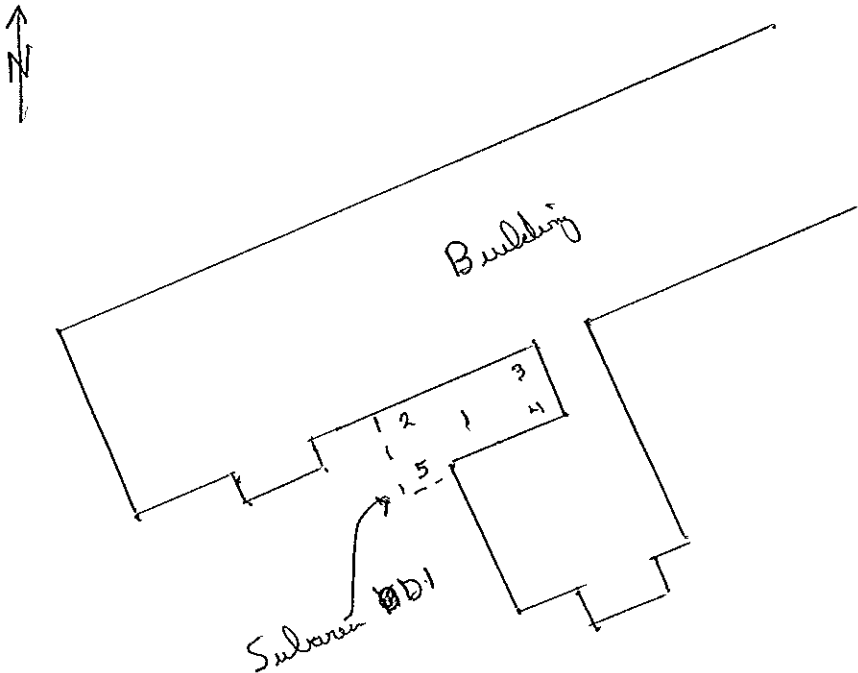
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five pre-surveyed sample locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM / 18 May 11

Reviewed BY / Date: E. McDonough / 6-16-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06152011-S-MB

Location Code: **122D2F-1**

Task: **118166**

Sample Number: **PFG6066**

Collection Date: 15 June 11

Sample Name: **122D2F-1-SO-PFG6066-REG**

Collection Time: 0735

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJL/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

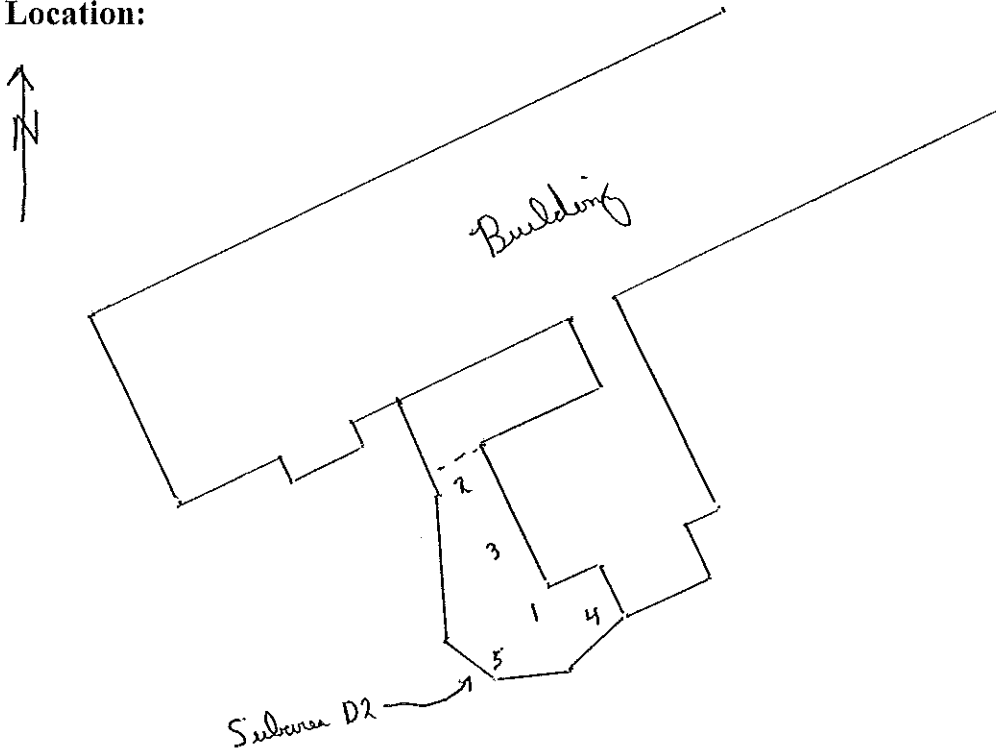
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five pre surveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MJL 15 June 11

Reviewed BY / Date: E. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-05182011-S-MB

Location Code: **122DCOMP-01**

Task: **118166**

Sample Number: **PFG6106A**

Collection Date: 18 May 11

Sample Name: **122DCOMP-01-DS-PFG6106A-REG**

Collection Time: 0835

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, sieve, bowl

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MM

(TB) _____ (ER) _____ (FB) _____

Containers

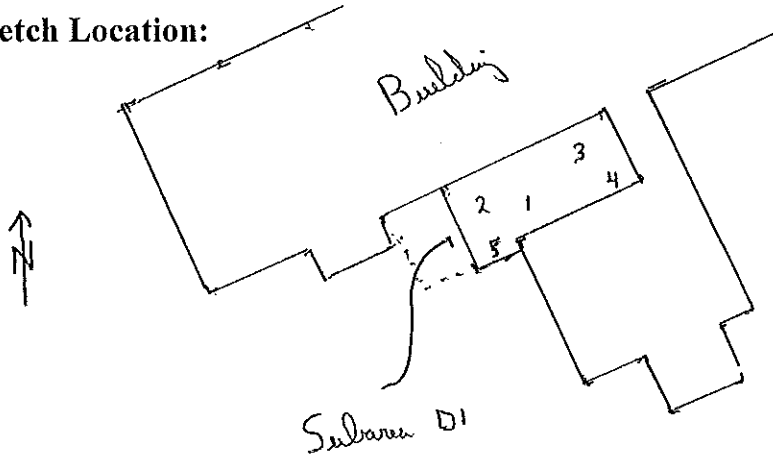
ERPIMS Values:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

^ Sacode: _____
 Lot Control#: _____

Comments: Composite of five point samples collected on the excavation floor at presurvey location @ 1' bgs

Sketch Location:



Logged BY / Date: MM 18 May 11

Reviewed BY / Date: E. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122 - 05182011-S-MB

Location Code: **122DCOMP-01**

Task: **118166**

Sample Number: **PFG6106B**

Collection Date: 18 May 11

Sample Name: **122DCOMP-01-DS-PFG6106B-REG**

Collection Time: 0835

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: S.S. spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

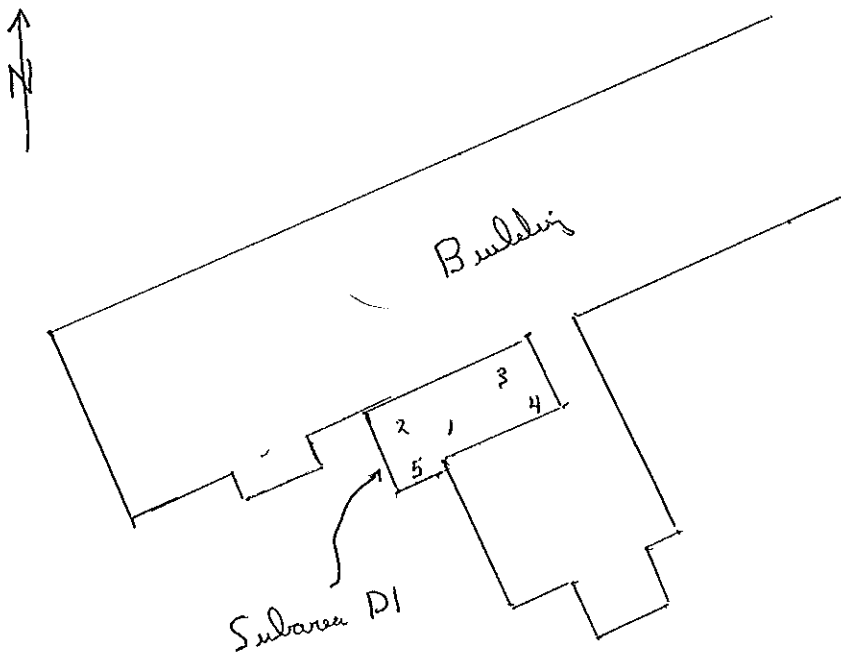
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five pre-survey locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM 18 May 11

Reviewed BY / Date: A. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFA / COC Number: 122-05182011-5-MB

Location Code: 122DCOMP-01

Task: 118166

Sample Number: PFG6106C

Collection Date: 18 May 11

Sample Name: 122DCOMP-01-DS-PFG6106C-REG

Collection Time: 0835

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MML

(TB) (ER) (FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

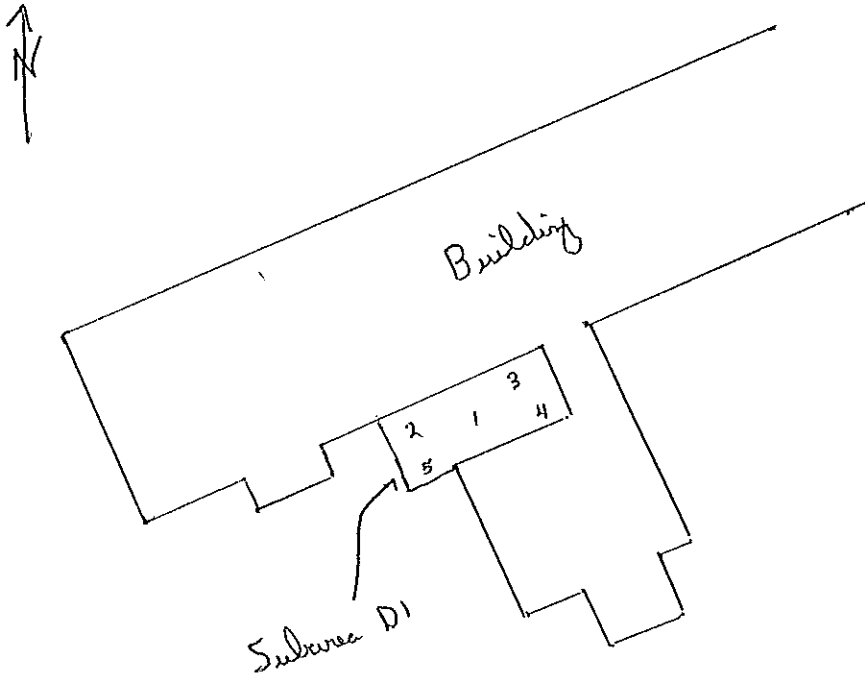
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite of five pre-surveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MML 18 May 11

Reviewed BY / Date: E. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06152011-S-MB

Location Code: 122DCOMP-02

Task: Redstone - PBC

Sample Number: PFG6114A

Collection Date: 15 June 11

Sample Name: 122DCOMP-02-DS-PFG6114A-REG

Collection Time: 0735

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: 55 spoon, bowl, and sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MZ / E??

(TB) (ER) (FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

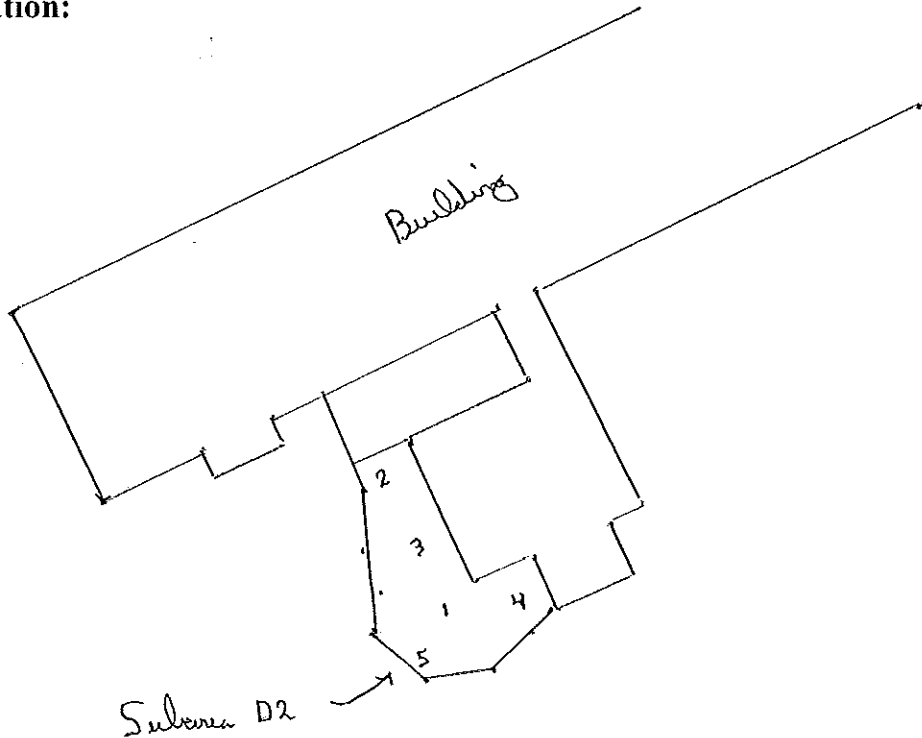
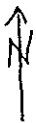
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five pre-surveyed locations collected on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MZ / 15 June 11

Reviewed BY / Date: E. McDonald / 6-16-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06152011-5-MB

Location Code: 122DCOMP-02

Task: Redstone - PBC

Sample Number: PFG6114A-MS

Collection Date: 15 June 11

Sample Name: 122DCOMP-02-DS-PFG6114A-MS

Collection Time: 0735

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: MS

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MMB / EMM

(TB) _____ (ER) _____ (FB) _____

Containers

ERPIMS Values:

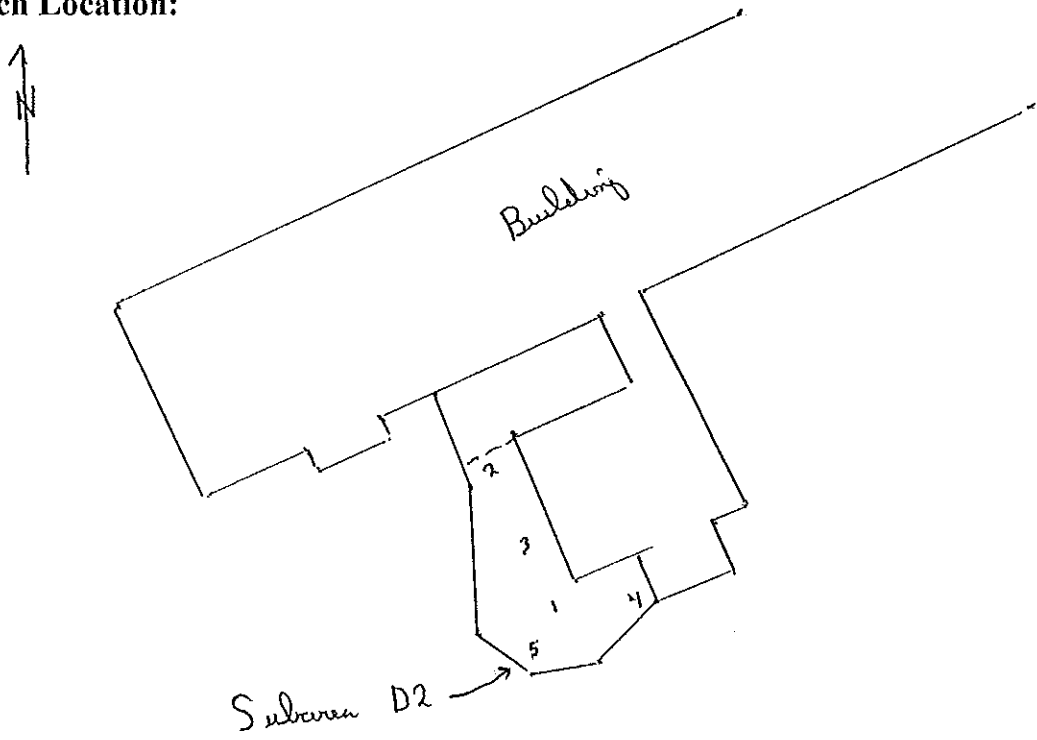
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

Sacode: _____

Lot Control#: _____

Comments: Composite of five prescreened locations collected on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MMB 15 June 11

Reviewed BY / Date: E. McDonough 6-16-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06152011-S-MB

Location Code: **122DCOMP-02**

Task: **Redstone - PBC**

Sample Number: **PFG6114A-MSD**

Collection Date: 15 June 11

Sample Name: **122DCOMP-02-DS-PFG6114A-MSD**

Collection Time: 0735

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS** Sample Purpose: **MSD**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: ZMZ / EZZZ

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

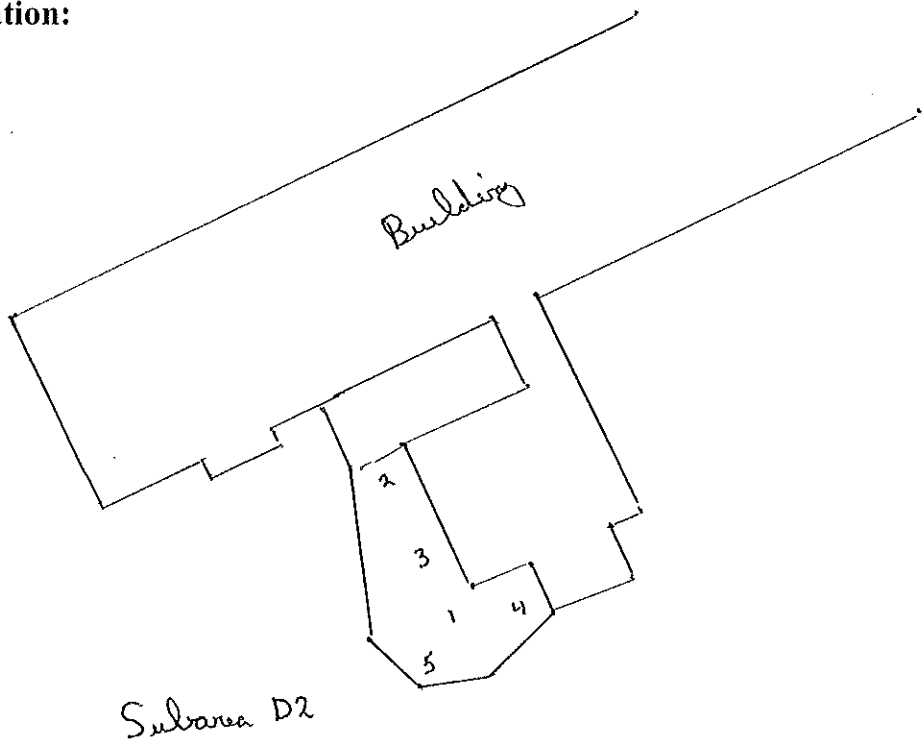
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collection of five pre-surveyed locations collected on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: ZMZ / 15 June 11

Reviewed BY / Date: E. McDonough / 6-16-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122 - 06152011-S-MB

Location Code: **122DCOMP-02**

Task: **Redstone - PBC**

Sample Number: **PFG6114B**

Collection Date: 15 June 11

Sample Name: **122DCOMP-02-DS-PFG6114B-REG**

Collection Time: 0735

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: ML/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

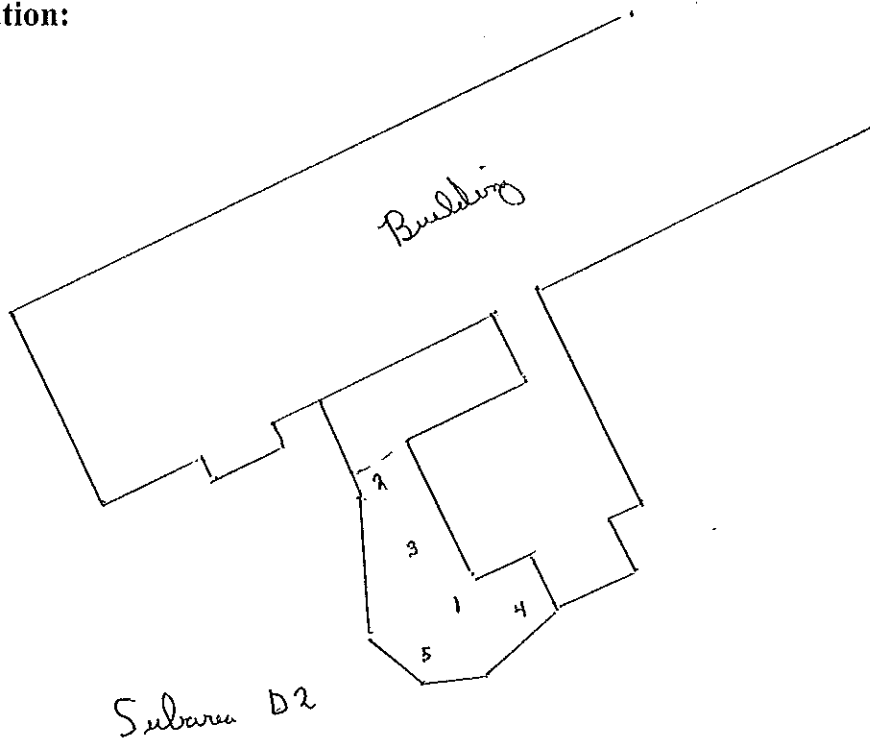
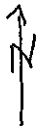
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five presurveyed locations on the excavation floor @ 0-1 bgs

Sketch Location:



Logged BY / Date: ML/EM 15 June 11

Reviewed BY / Date: G. McDonough 6-16-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06152011-5-MB

Location Code: **122DCOMP-02**

Task: **Redstone - PBC**

Sample Number: **PFG6114C**

Collection Date: 15 June 11

Sample Name: **122DCOMP-02-DS-PFG6114C-REG**

Collection Time: 0735

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MMB / EMM

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

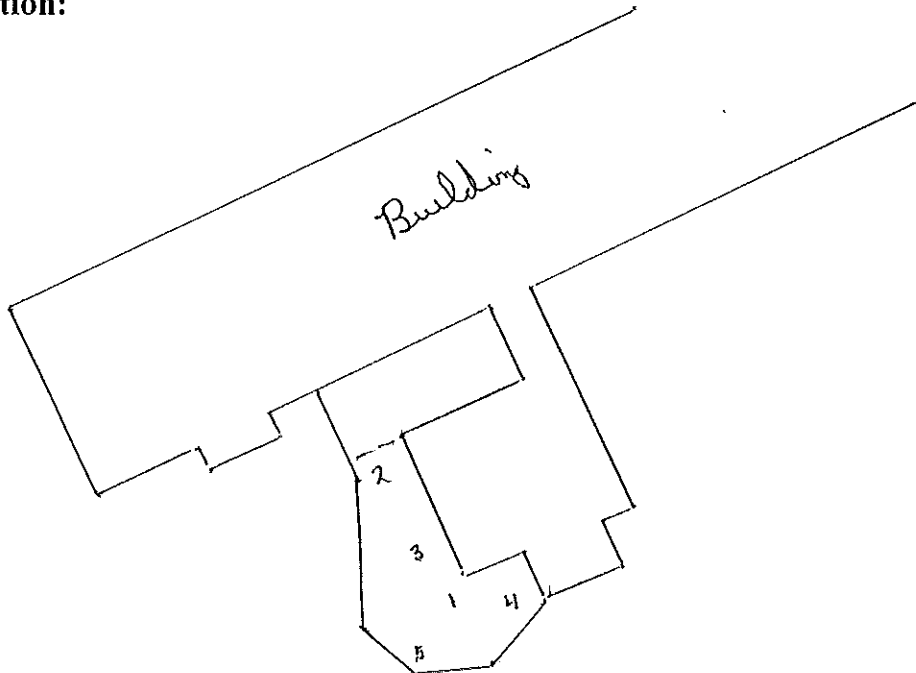
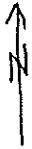
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five presurveyed locations on the excavation floor @
0-1' MMB 1' bgs

Sketch Location:



Logged BY / Date: MMB 15 June 11

Reviewed BY / Date: E. McDermott
6-16-11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: **122EPCS16-1**

Task: **118166**

Sample Number: **PFG6014**

Collection Date: 23 Feb 11

Sample Name: **122EPCS16-1-SO-PFG6014-REG**

Collection Time: 1500

Sampling Method: **HA**

Start Depth: 0' ft bgs

Sample Type: **SS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: **SO**

QC Partners:

Sample Team: MJH/EM/KC

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

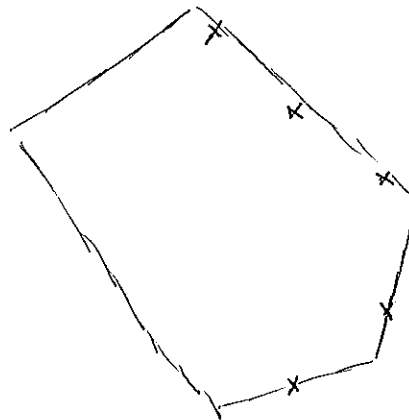
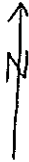
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected 5 point composite sample, from 0-1, from the east
perimeter of Area E

Sketch Location:



Area E

122 EPCS16-1

Logged BY / Date: MJH 23 Feb 11

Reviewed BY / Date: E. McDonough 2/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: **122EPCS17-1**

Task: **118166**

Sample Number: **PFG6015**

Collection Date: 23 Feb 11

Sample Name: **122EPCS17-1-SO-PFG6015-REG**

Collection Time: 1515

Sampling Method: **HA**

Start Depth: 0' ft bgs

Sample Type: **SS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: **SO**

QC Partners:

Sample Team: MM/EM/KC

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

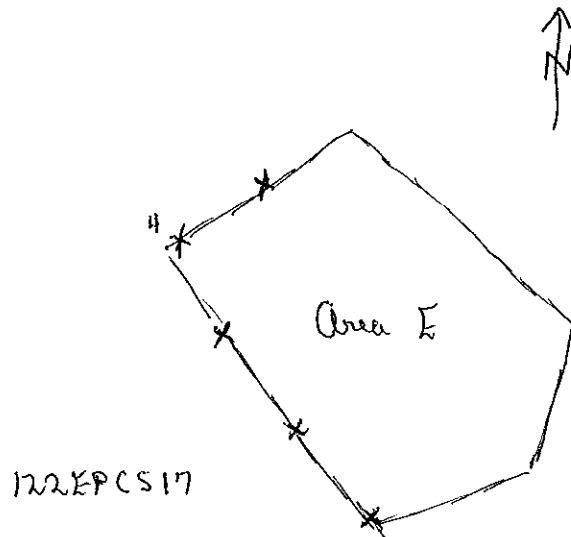
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect 5 point composite sample, from 0-1" bgs, from the west side of the perimeter of Area E

Sketch Location:



Logged BY / Date: MM/EM 23 Feb 11

Reviewed BY / Date: E. McDonough 2/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: **122E1F-1**

Task: **118166**

Sample Number: **PFG6067**

Collection Date: 23 Feb 2011

Sample Name: **122E1F-1-SO-PFG6067-REG**

Collection Time: 1415

Sampling Method: **HA**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon & baggie bowl

Sample Matrix: **SO**

QC Partners:

Sample Team: MB/EM/KC

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

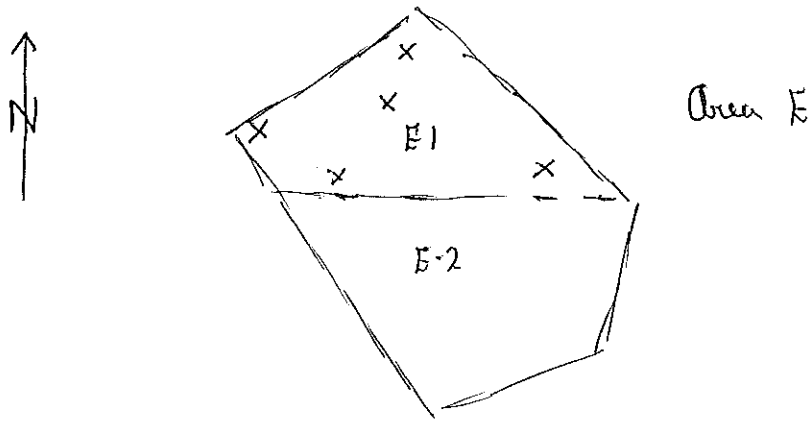
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected 5 point composite sample from the floor of the excavation, at pre-determined surveyed points @ 1' bgs

Sketch Location:



Logged BY / Date: MM/2/11 23 Feb 01

Reviewed BY / Date: E. McDonough 2/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: **122E2F-1**

Task: **118166**

Sample Number: **PFG6068**

Collection Date: 23 Feb 2011

Sample Name: **122E2F-1-SO-PFG6068-REG**

Collection Time: 1430

Sampling Method: **HA**

Start Depth: 1' 44 bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: **SO**

QC Partners:

Sample Team: MDS/EM/KC

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

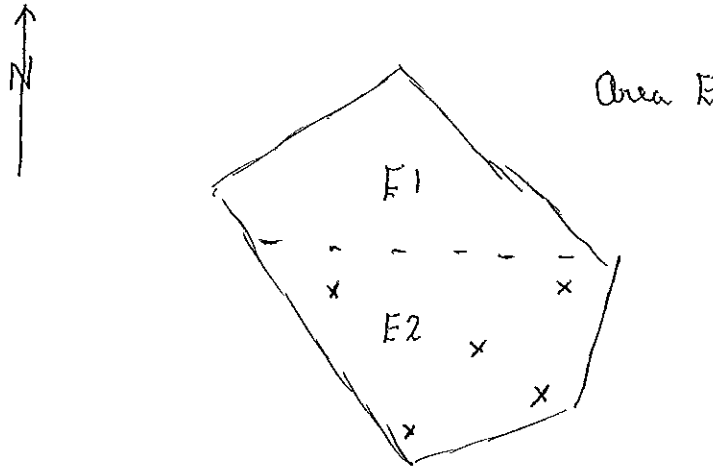
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect 5 point composite sample from the floor of the excavation, at pre-determined surveyed points @ 1' bgs

Sketch Location: _____



Logged BY / Date: MDS 23 Feb 11

Reviewed BY / Date: EMcDonough 2/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: 122ECOMP-01

Task: 118166

Sample Number: PFG6107A

Collection Date: 23 Feb 11

Sample Name: 122ECOMP-01-DS-PFG6107A-REG

Collection Time: 1430

Sampling Method: GRAB

Start Depth: 1' ft bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: SOIL

QC Partners:

Sample Team: MMJ/EM/KC

(TB)

(ER)

(FB)

Containers

Analytical Suite	Fit	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

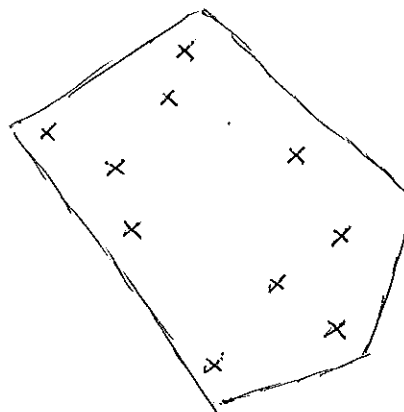
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: collected 10 point composil sample from the floor of Area F excavation at pre-determined surveyed points @ 1' bgs

Sketch Location:



Logged BY / Date: MMJ 23 Feb 11

Reviewed BY / Date: E. McDonough 2/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: **122ECOMP-01**

Task: **118166**

Sample Number: **PFG6107B**

Collection Date: 23 Feb 11

Sample Name: **122ECOMP-01-DS-PFG6107B-REG**

Collection Time: 1430

Sampling Method: **GRAB**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: **SOIL**

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MMH/EM/KC

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

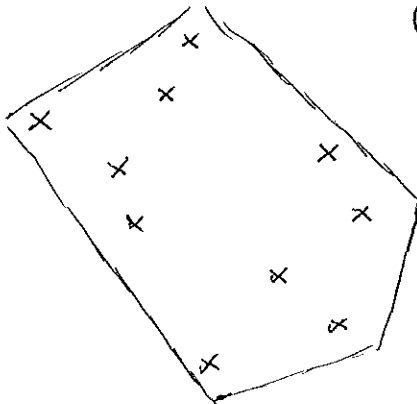
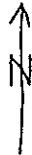
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected 10 point composite sample from the floor of Area E excavation at pre-determined surveyed points @ 1' bgs

Sketch Location:



Area E

Logged BY / Date: MMH 23 Feb 11

Reviewed BY / Date: E. McDonough 2/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: **122ECOMP-01**

Task: **118166**

Sample Number: **PFG6107C**

Collection Date: 23 Feb 11

Sample Name: **122ECOMP-01-DS-PFG6107C-REG**

Collection Time: 1430

Sampling Method: **GRAB**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: **SOIL**

QC Partners:

(TB) _____ (ER) _____ (FB) _____

Sample Team: MJL/EM/KC

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

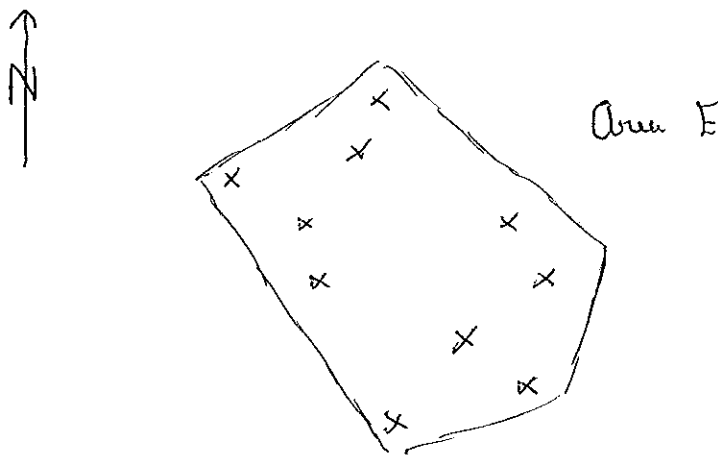
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect 10 point composite sample from the floor of Area E excavation at predetermined surveyed points @ 1' bgs

Sketch Location:



Logged BY / Date: MJL 23 Feb 11

Reviewed BY / Date: E. McDonough 2/24/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: PFG02282011-5-MB

Location Code: 122F2PCS30-1

Task: 118166

Sample Number: PFG6019

Collection Date: 24 Feb-11

Sample Name: 122F2PCS30-1-SO-PFG6019-REG

Collection Time: 1345

Sampling Method: HA

Start Depth: 0' ft bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' ft bgs

Sampling Equip: Stainless steel bowl/spoon/sieve

Sample Matrix: SO

QC Partners:

(TB) N/A (ER) N/A (FB) N/A

Sample Team: 772/E777

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

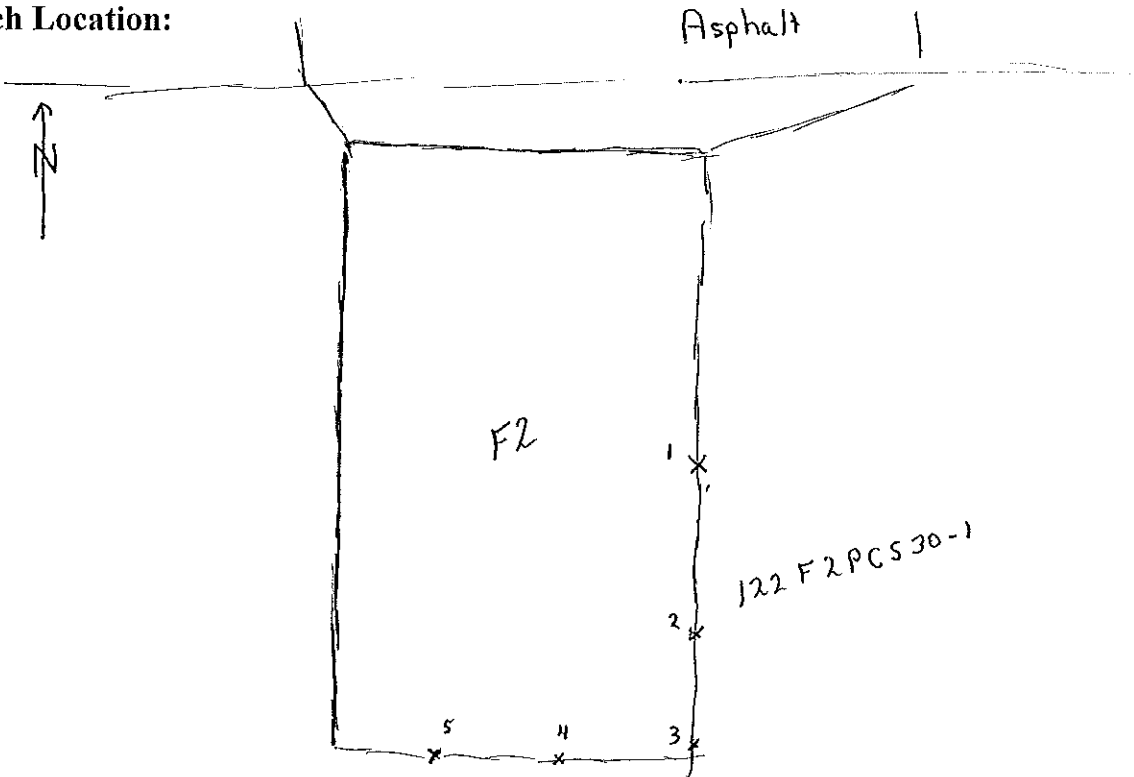
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collected five point composite sample from the excavation wall @ 0-1' bgs

Sketch Location:



Logged BY / Date: 772/John 24 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122F2PCS34-1

Task: 118166

Sample Number: PFG6020

Collection Date: 28 Feb 11

Sample Name: 122F2PCS34-1-SO-PFG6020-REG

Collection Time: 1105

Sampling Method: HA

Start Depth: 0' fl bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' ft bgs

Sampling Equip: Stainless steel bowl / spoon / sieve

Sample Matrix: SO

QC Partners:

Sample Team: MJL / EML

(TB) N/A (ER) N/A (EB) N/A

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

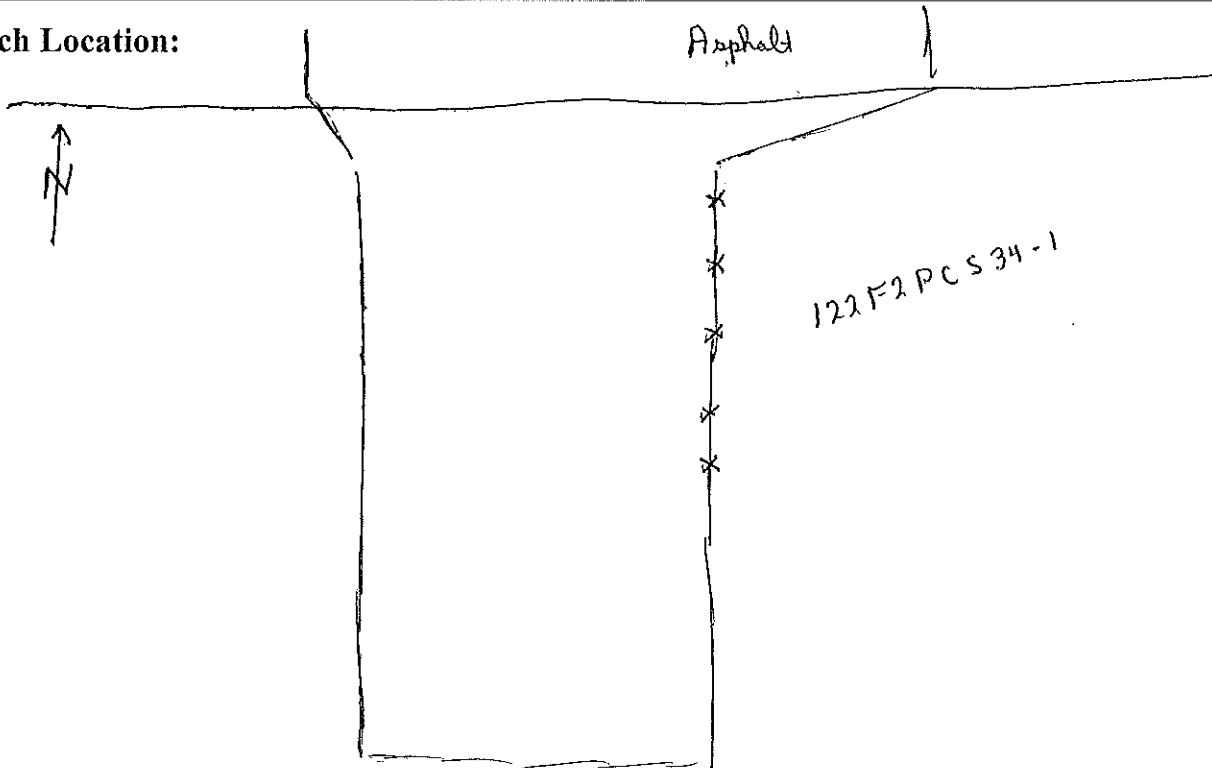
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of 5 ml Collect 5 pt composite sample from excavation wall @ 0-1 bgs

Sketch Location:



Logged BY / Date: MJL 28 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122F2PCS35-1

Task: 118166

Sample Number: PFG6021

Collection Date: 24 Feb 11

Sample Name: 122F2PCS35-1-SO-PFG6021-REG

Collection Time: 1330

Sampling Method: HA

Start Depth: 0' ft bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' ft bgs

Sampling Equip: Stainless steel bowl/spoon/sieve

Sample Matrix: SO

QC Partners:

(TB) N/A (ER) N/A (FB) N/A Sample Team: MMR/EM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

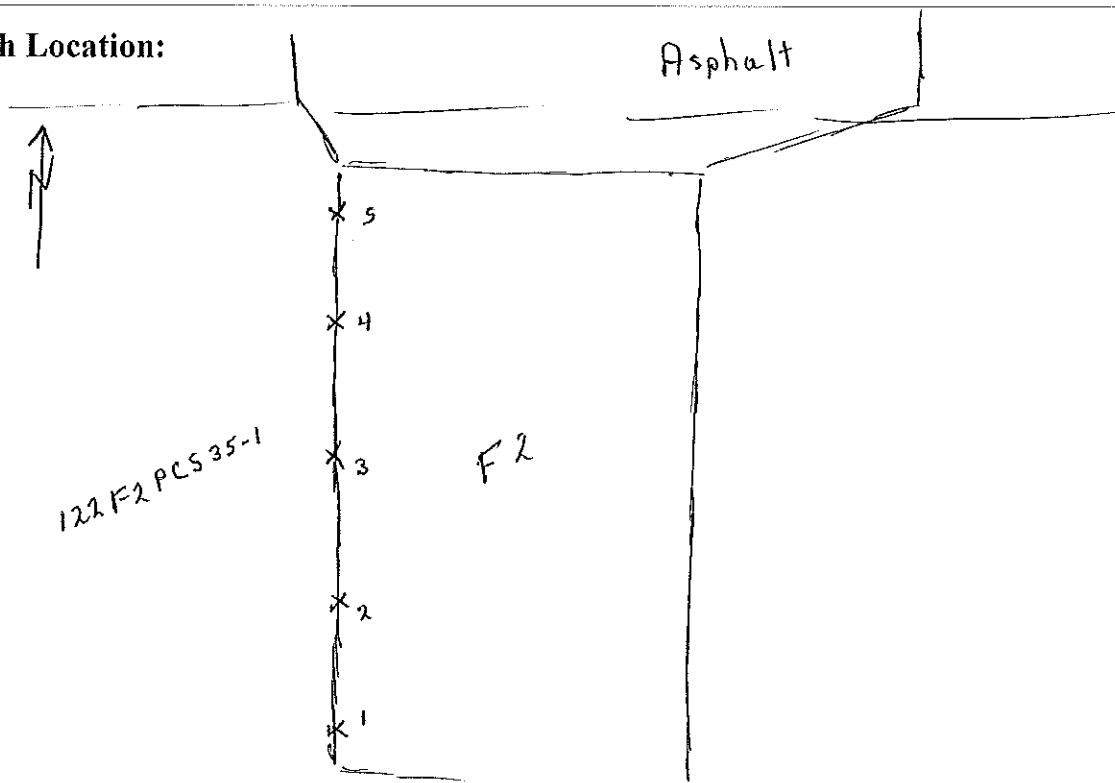
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five ^{point} composite sample from the excavation wall @ 0-1 bgs

Sketch Location:



Logged BY / Date: M. Del 24 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

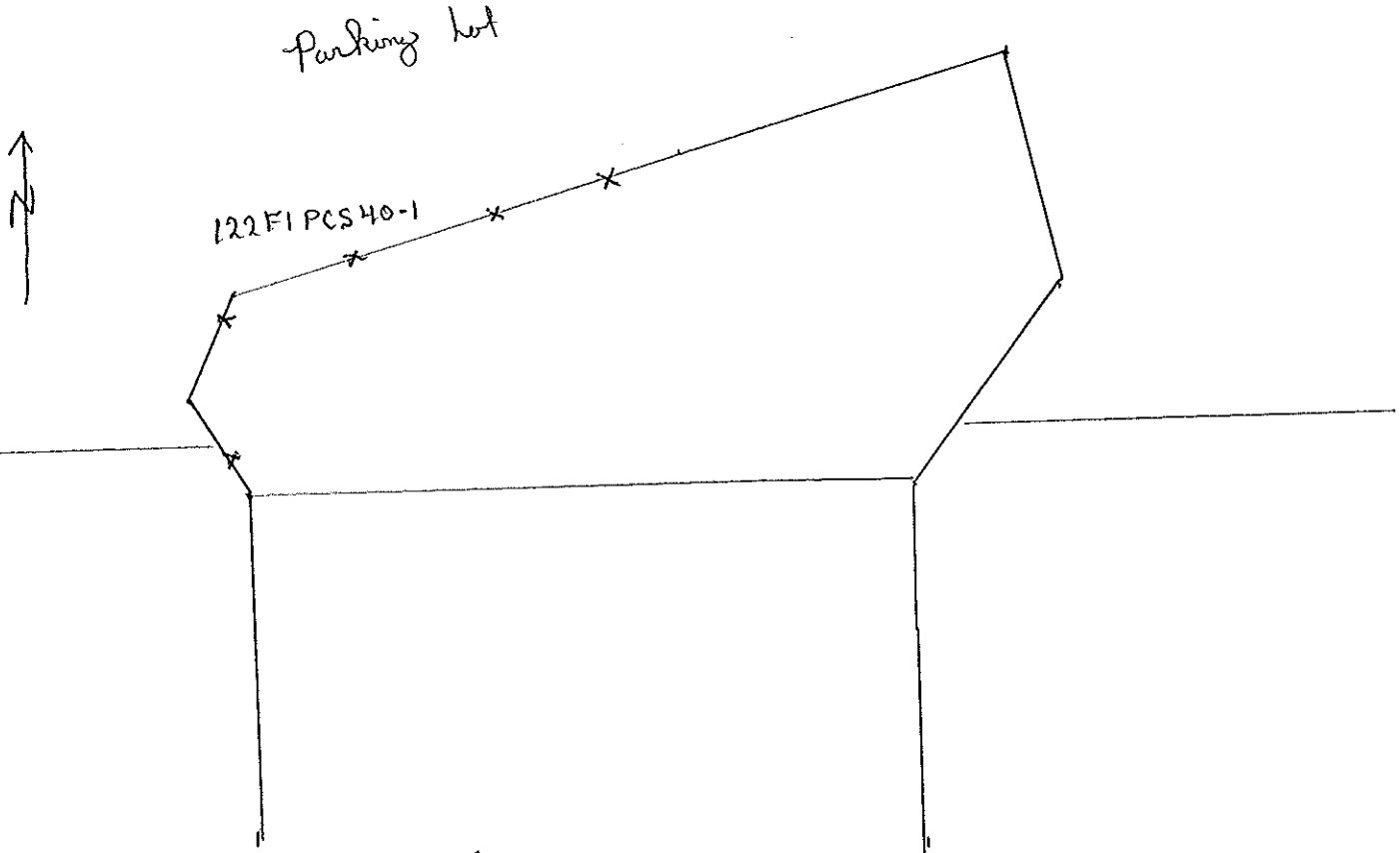
Location Code: 122F1PCS40-1 Task: 118166
 Sample Number: PFG6016 Collection Date: 23 June 11
 Sample Name: 122F1PCS40-1-SO-PFG6016-REG Collection Time: 1555
 Sampling Method: HA Start Depth: 0' bgs
 Sample Type: SS Sample Purpose: REG End Depth: 1' bgs
 Sampling Equip: SS spoon, hand, sieve Sample Matrix: SO
 QC Partners: _____ Sample Team: MJ/EM
 (TB) _____ (ER) _____ (FB) _____

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: A composited sample of five perimeter locations collected a 0-1' bgs

Sketch Location:



Logged BY / Date: M. Kelly 23 June 11 Reviewed BY / Date: E. McDonough 6-29-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06242011-5-MB

Location Code: 122F1PCS40-1

Task: 118166

Sample Number: PFG6017

Collection Date: 23 June 11

Sample Name: 122F1PCS40-1-SO-PFG6017-FD

Collection Time: 1555

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SS

Sample Purpose: FD

End Depth: 1' bgs

Sampling Equip: SS spoon, shovel, sieve

Sample Matrix: SO

QC Partners:

Sample Team: MJK / EMM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

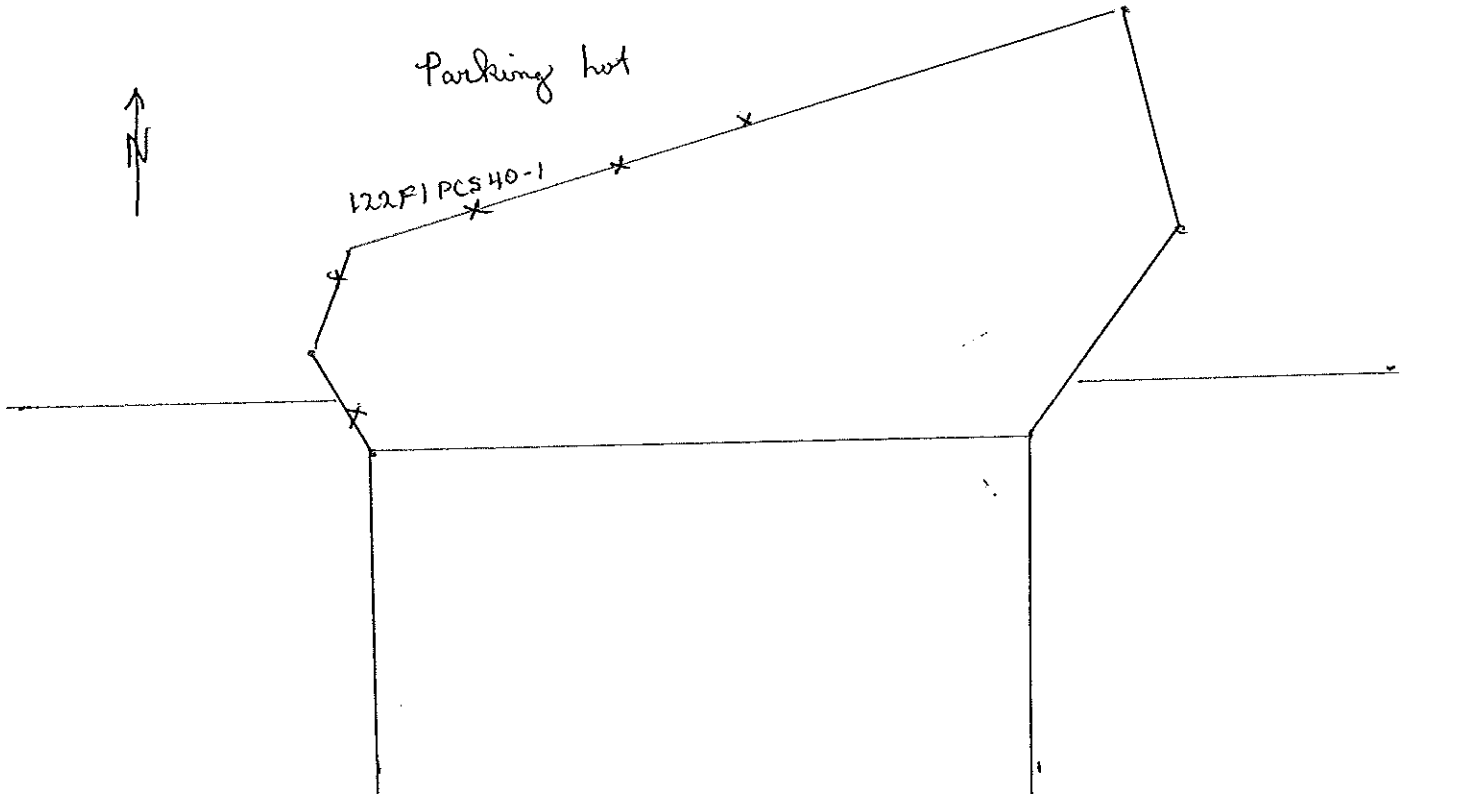
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: A composite of five sample locations on the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: MJK 23 June 11

Reviewed BY / Date: E. Mc Donough 6/29/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

Location Code: 122F1PCS41-1

Task: 118166

Sample Number: PFG6018

Collection Date: 23 June 11

Sample Name: 122F1PCS41-1-SO-PFG6018-REG

Collection Time: 1745

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, shovel, sieve

Sample Matrix: SO

QC Partners:

(TB) _____ (ER) _____ (FB) _____

Sample Team: MMB/ETM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

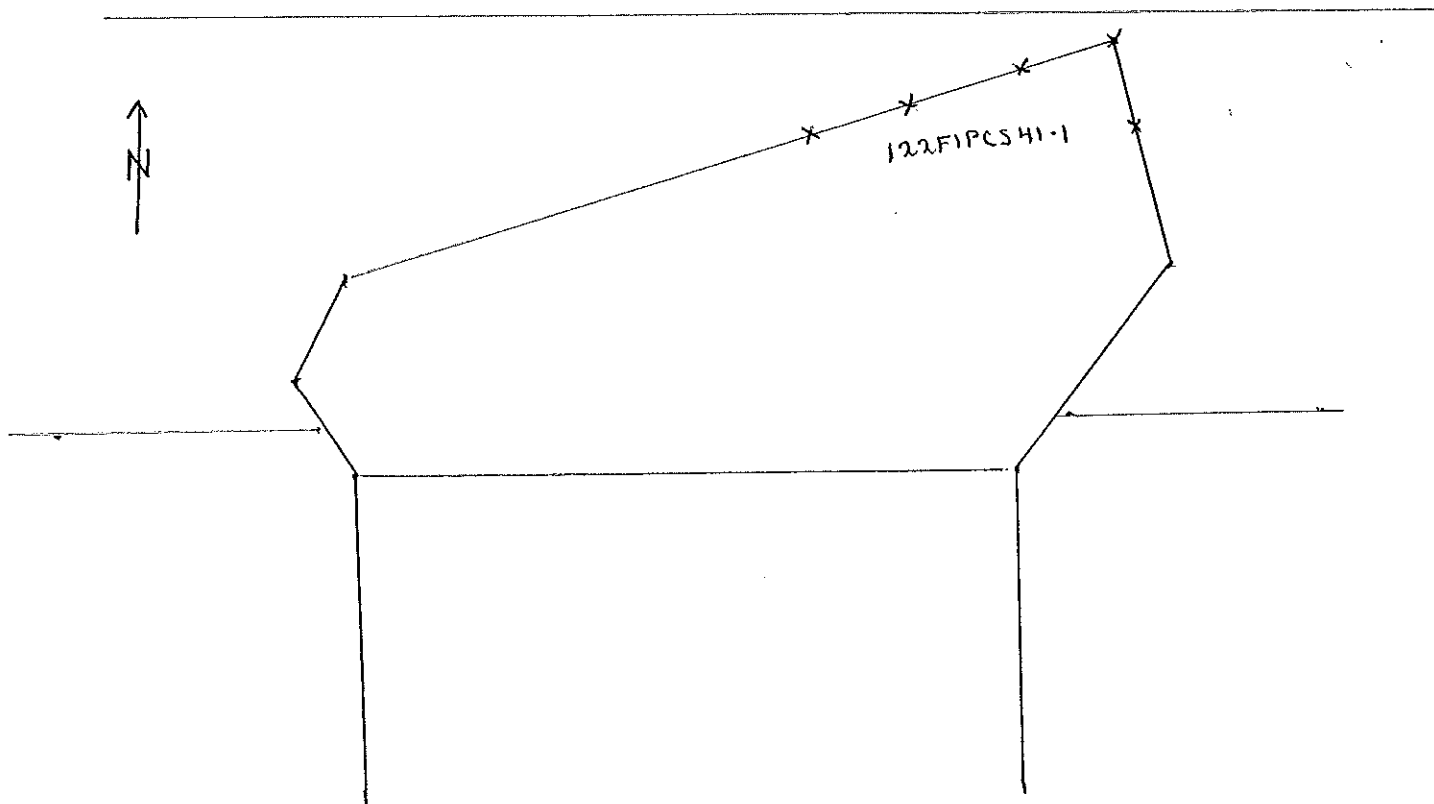
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: A composite of four perimeter sample locations collected @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. H. G. 23 June 11

Reviewed BY / Date: E. M. D. 6-29-11

Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

Location Code: 122F1PCSFF-1
 Sample Number: PFG6124
 Sample Name: 122F1PCSFF-1-SS-PFG6124-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: ²³24 JUN-11
 Collection Time: 18:20
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers

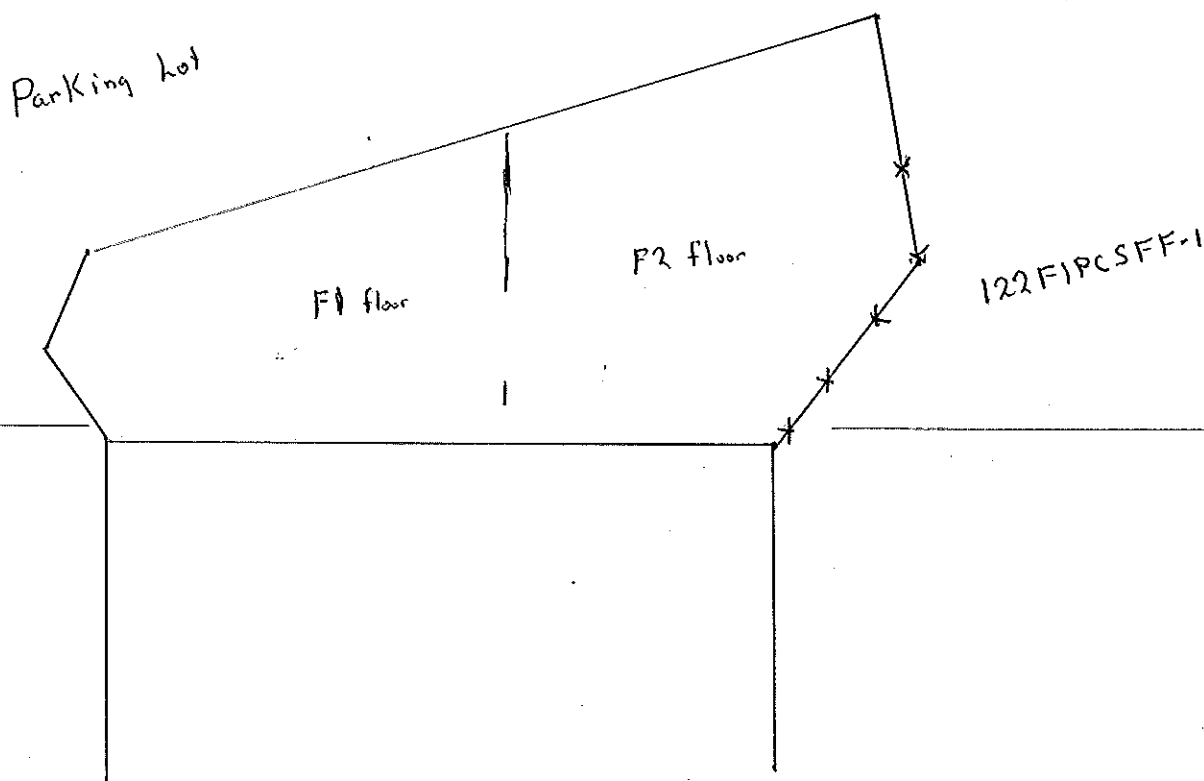
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURIUM	A	1	2	oz	CWM	

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: Collected five point composite sample along the eastern edge of area 122F1 @ 0-1' bgs

↑
N

Sketch Location:



Logged BY / Date: _____

Reviewed BY / Date: C. McDonough
 6/29/11

Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

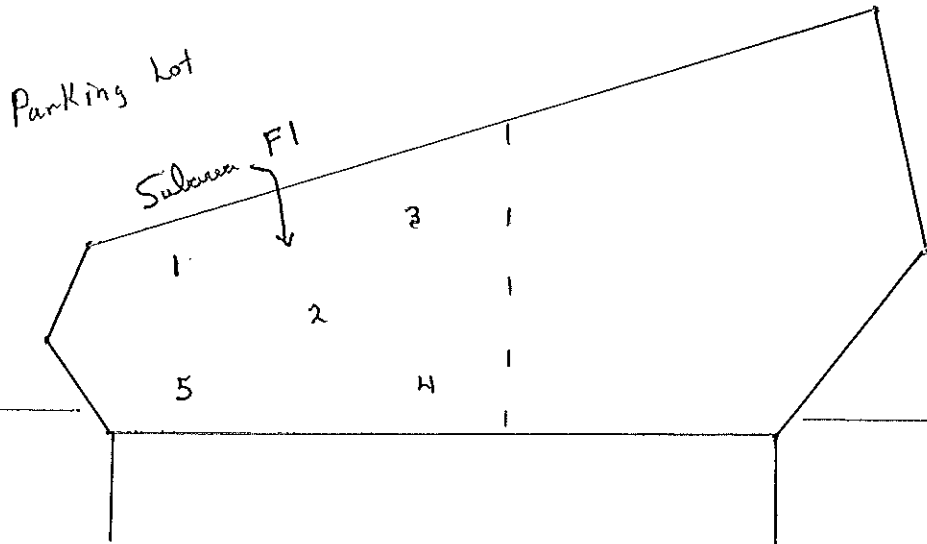
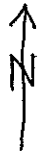
Location Code: 122F1F-1 Task: 118166
 Sample Number: PFG6069 Collection Date: 23rd June 11
 Sample Name: 122F1F-1-SO-PFG6069-REG Collection Time: 1720
 Sampling Method: HA Start Depth: 1' bgs
 Sample Type: DS Sample Purpose: REG End Depth: 1' bgs
 Sampling Equip: SS spinn, hand, pump Sample Matrix: SO
 QC Partners: _____ Sample Team: MM / EMM
 (TB) _____ (ER) _____ (FB) _____

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collected five point composite sample from the floor of the excavation @ 1' bgs

Sketch Location:



Logged BY / Date: M. G. H. 23 June 11

Reviewed BY / Date: E. McDermott 6-29-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

Location Code: 122F2F-1

Task: 118166

Sample Number: PFG6070

Collection Date: 23 June 11

Sample Name: 122F2F-1-SO-PFG6070-REG

Collection Time: 1755

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, and sieve

Sample Matrix: SO

QC Partners:

Sample Team: MJA / EMM

(TB)

(ER)

(FB)

Containers

ERPIMS Values:

Analytical Suite Flt Frtn Qty Size Units Type

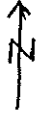
Sacode:

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

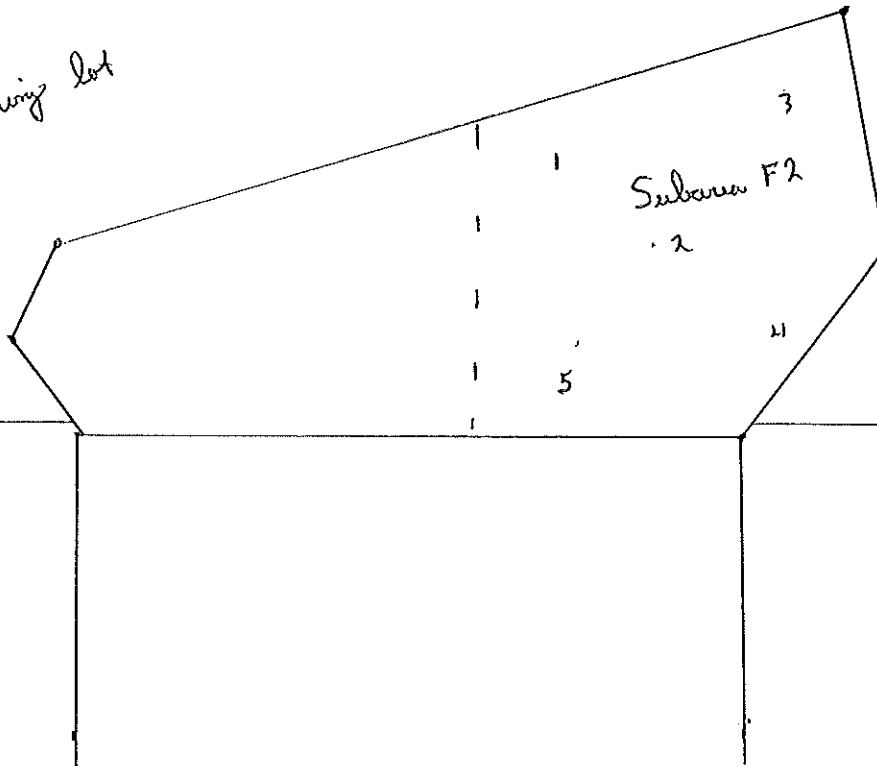
Lot Control#:

Comments: Collected five point composite sample from the excavation floor @ 1' bgs at presurveyed location.

Sketch Location:



Parking lot



Logged BY / Date: MJA 23 June 11

Reviewed BY / Date: E. McDonough 6/29/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: **122F3F-1**

Sample Number: **PFG6071**

Sample Name: **122F3F-1-SO-PFG6071-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: Stainless steel bowl / spoon / sieve

QC Partners:

(TB) N/A (ER) N/A (EB) N/A

Task: **118166** *MM*

Collection Date: 25 Feb 11

Collection Time: 1320

Start Depth: 1' ft bgs

End Depth: 1' ft bgs

Sample Matrix: **SO**

Sample Team: MM/KC

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

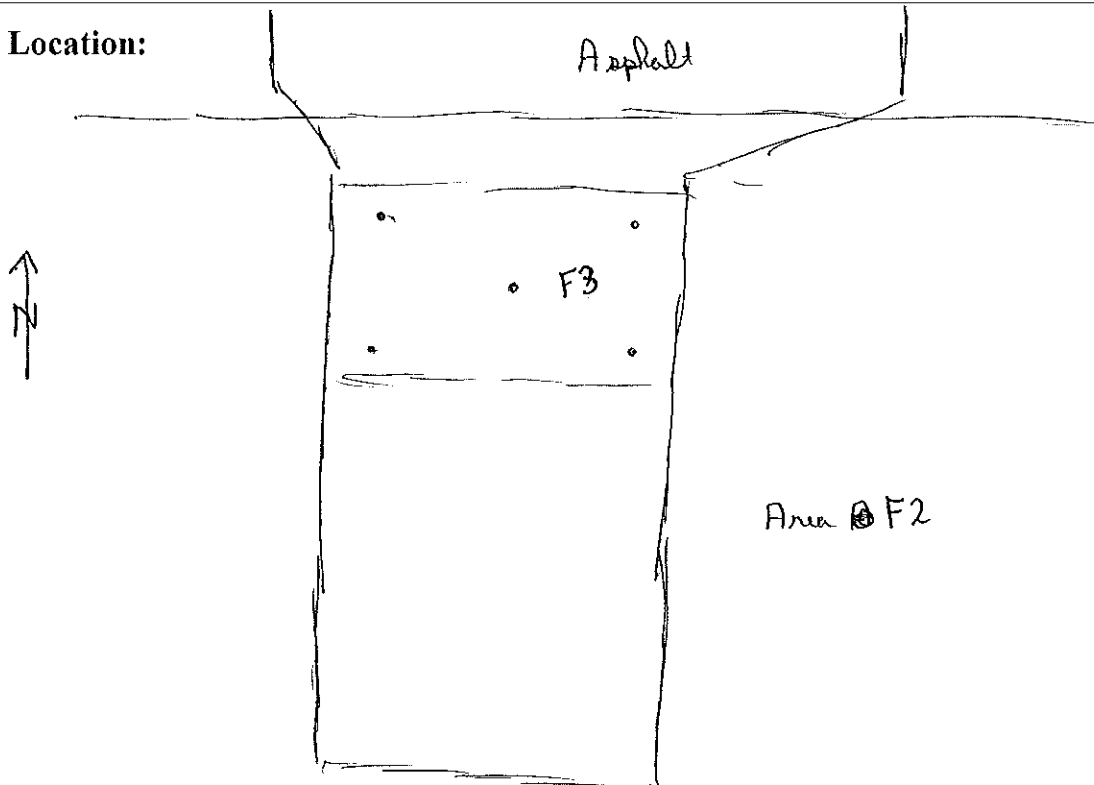
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of 5 pre-surveyed sample floor sample locations @ 1' MM bgs

Sketch Location:



Logged BY / Date: MM/KC / 25 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122F3F-1

Sample Number: PFG6072

Sample Name: 122F3F-1-SO-PFG6072-FD

Sampling Method: HA

Sample Type: DS

Sample Purpose: FD

Sampling Equip: Stainless steel bowl/spoon/sieve

QC Partners:

(FB) N/A (ER) N/A (FB) N/A

Task: 118166

Collection Date: 25 Feb 11

Collection Time: 1320

Start Depth: 1' ft bgs

End Depth: 1' ft bgs

Sample Matrix: SO

Sample Team: MMH/KC

Containers

Analytical Suite Fit Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

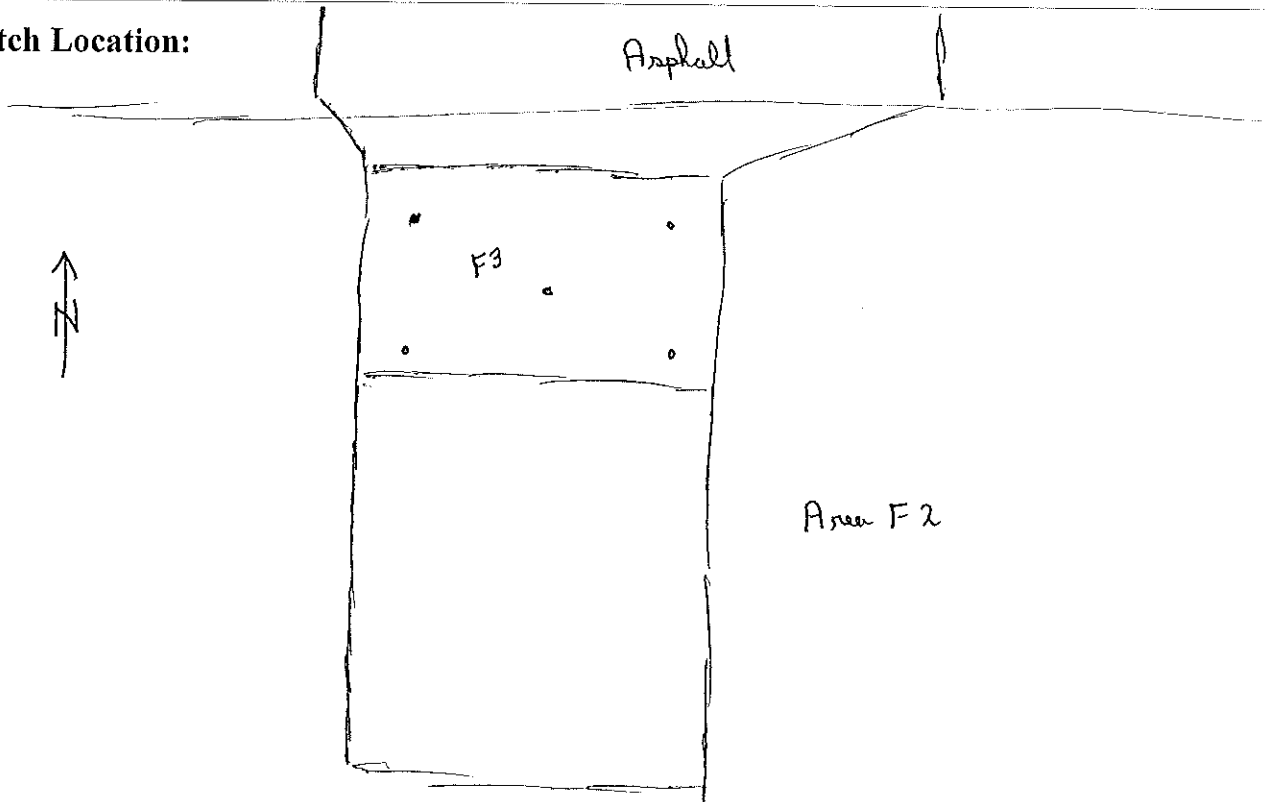
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite of 5 pre-surveyed floor sample locations @ 1' bgs

Sketch Location:



Logged BY / Date: MMH / 25 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-5-MB

Location Code: 122F4F-1

Task: 118166

Sample Number: PFG6073

Collection Date: 24 Feb 11

Sample Name: 122F4F-1-SO-PFG6073-REG

Collection Time: 1500

Sampling Method: HA

Start Depth: 1' ft bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' ft bgs

Sampling Equip: Stainless steel bowl / spoon / sieve

Sample Matrix: SO

QC Partners:

Sample Team: MJA / EMM

(FB) N/A (ER) N/A (FB) N/A

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

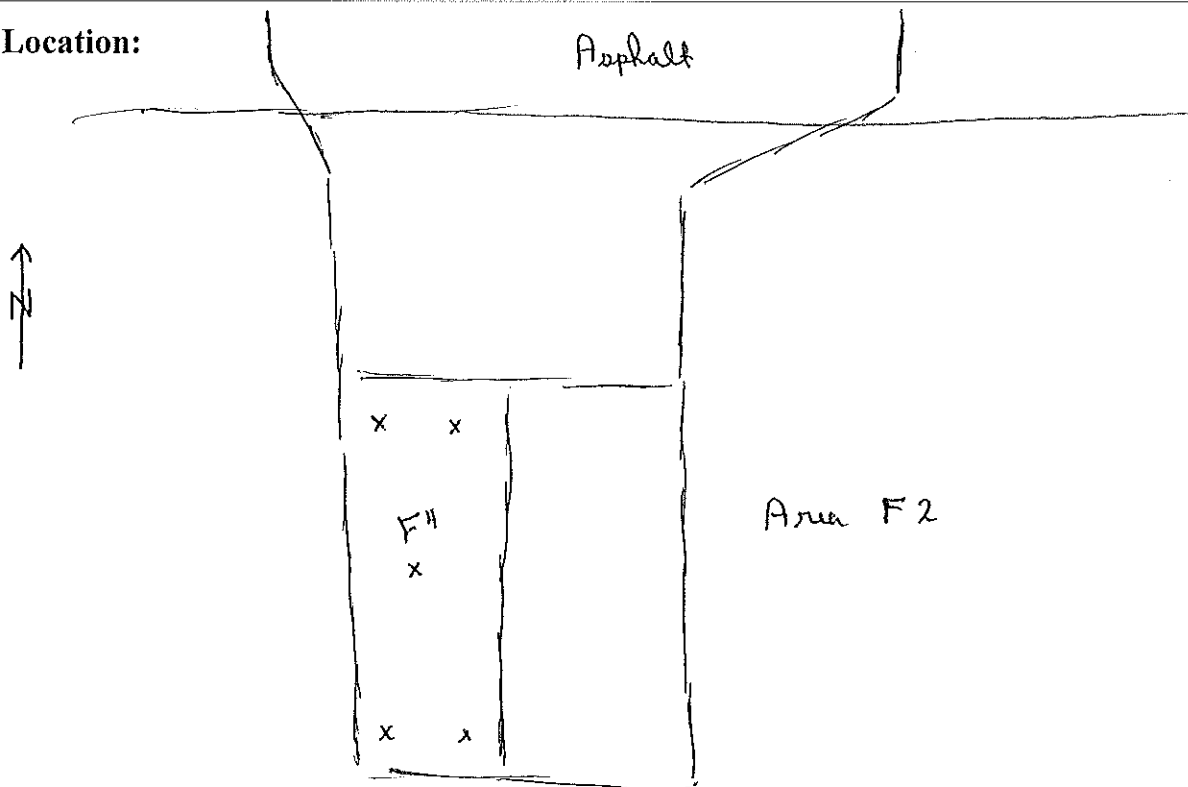
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite of 5 pre surveyed floor sampler locations @ 1' bgs

Sketch Location:



Logged BY / Date: MJA 24 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122F5F-1

Task: 118166

Sample Number: PFG6074

Collection Date: 24 Feb 11

Sample Name: 122F5F-1-SO-PFG6074-REG

Collection Time: 1515

Sampling Method: HA

Start Depth: 1' ft bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' ft bgs

Sampling Equip: Stainless steel bowl / spoon / sieve

Sample Matrix: SO

QC Partners:

Sample Team: MJD / EMM

(TB) N/A (ER) N/A (FB) N/A

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

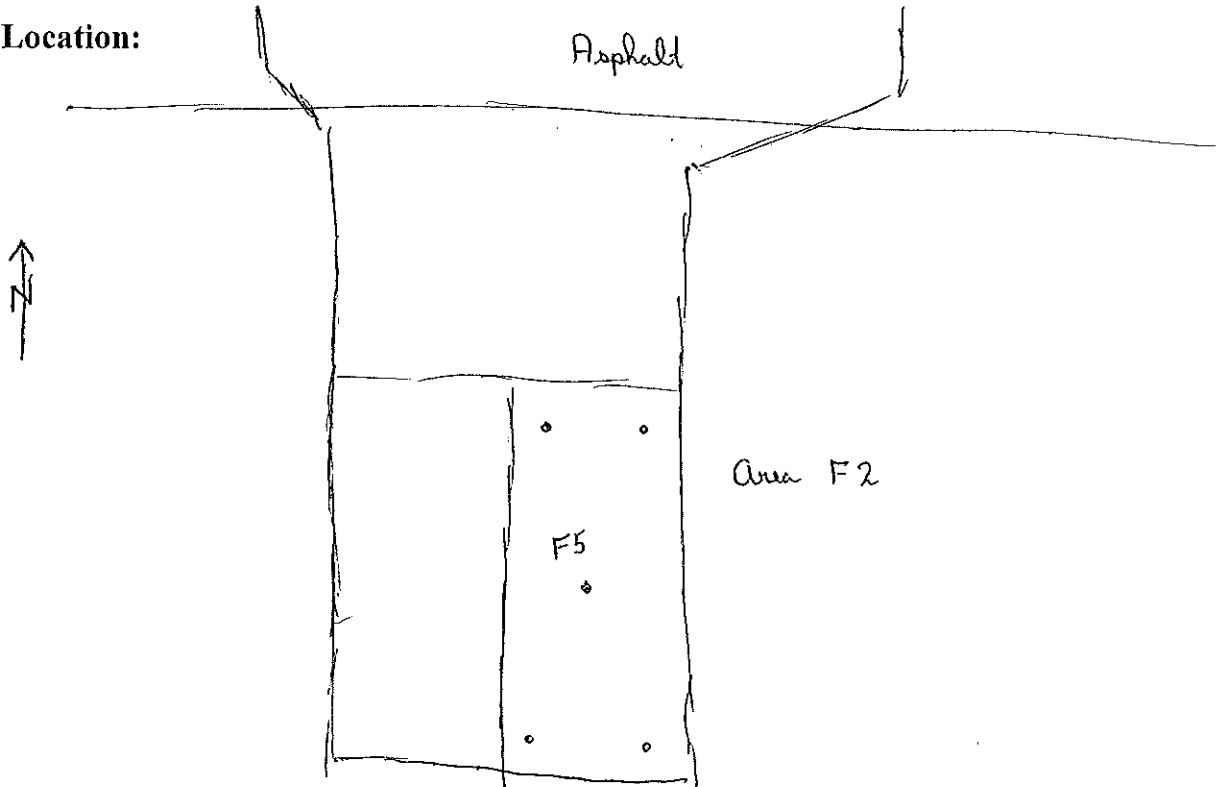
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite of 5 pre surveyed floor sample locations @ 1' bgs

Sketch Location:



Logged BY / Date: MJD 24 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: **122FCOMP-01**

Task: **118166**

Sample Number: **PFG6108A**

Collection Date: M²⁵ Feb 11

Sample Name: **122FCOMP-01-DS-PFG6108A-REG**

Collection Time: 1320

Sampling Method: **GRAB**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' ft bgs

Sampling Equip: Stainless steel bowl, spoon, sieve

Sample Matrix: **SOIL**

QC Partners:

(TB) N/A (ER) N/A (FB) N/A

Sample Team: M²⁵ / EM/KC

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

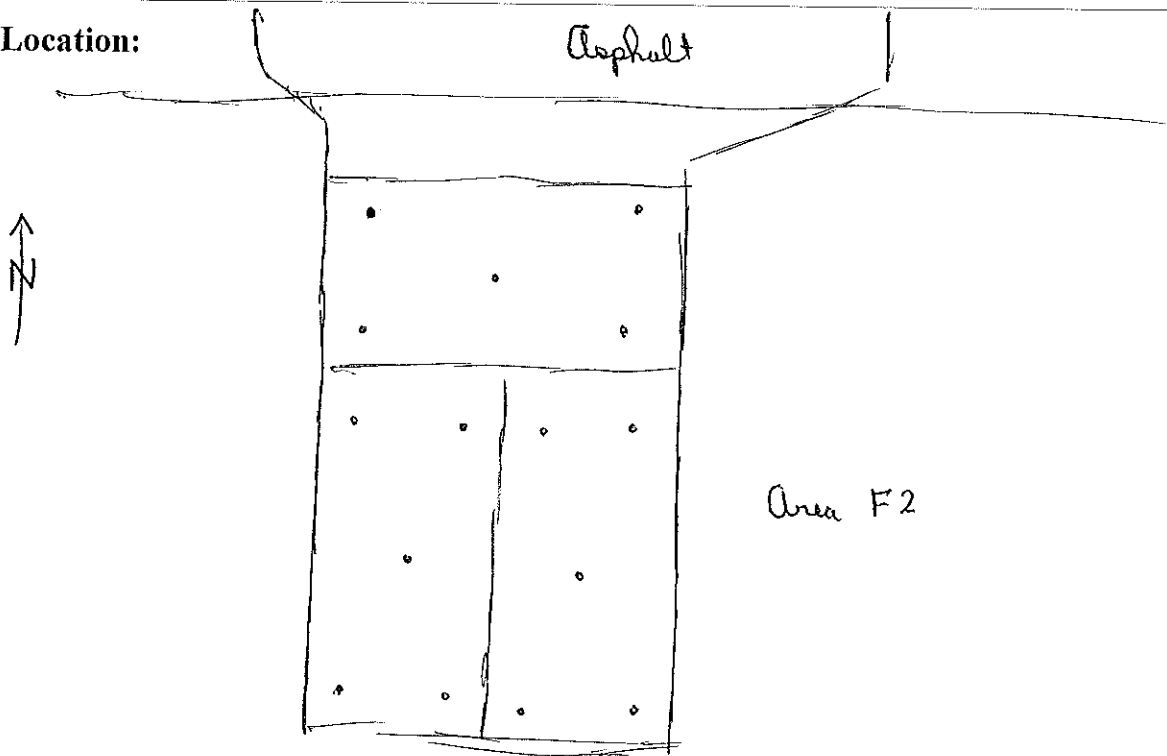
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of 15 pre surveyed floor sample locations @ 1' bgs

Sketch Location:



Logged BY / Date: M. G. L. 25 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122FCOMP-01

Sample Number: PFG6108B

Sample Name: 122FCOMP-01-DS-PFG6108B-REG

Sampling Method: GRAB

Sample Type: DS

Sample Purpose: REG

Sampling Equip: Shallow steel bowl / spoon / sieve

QC Partners:

(TB) N/A (ER) N/A (FB) N/A

Task: 118166

Collection Date: 25 Feb 11

Collection Time: 1320

Start Depth: 1' ft bgs

End Depth: 1' ft bgs

Sample Matrix: SOIL

Sample Team: MD/EM/KC

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

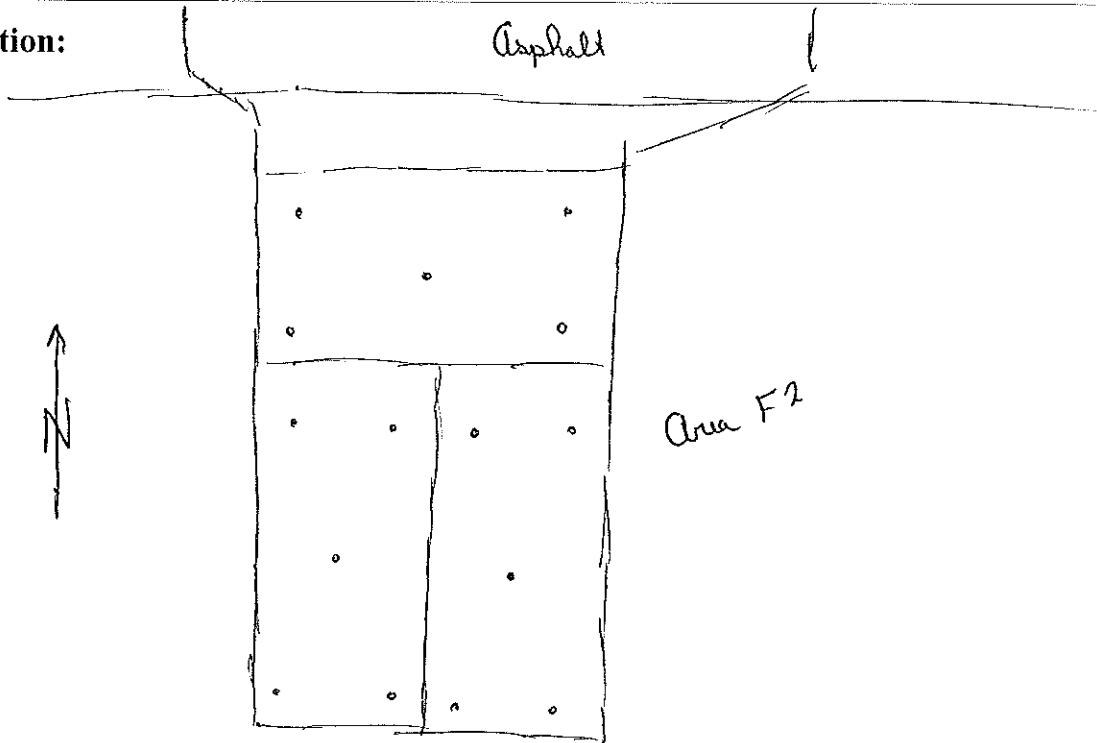
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of 15 pre-surveyed flr floor sample locations @ 1' bgs

Sketch Location:



Logged BY / Date: MD/EM/KC 25 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122FCOMP-01

Sample Number: PFG6108C

Sample Name: 122FCOMP-01-DS-PFG6108C-REG

Sampling Method: GRAB

Sample Type: DS

Sample Purpose: REG

Sampling Equip: Stainless steel bowl / spoon / sieve

QC Partners:

(TB) N/A (ER) N/A (FB) N/A

Task: 118166

Collection Date: 25 Feb 11

Collection Time: 1320

Start Depth: 1' ft bgs

End Depth: 1' ft bgs

Sample Matrix: SOIL

Sample Team: MMJ / EM/KC

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

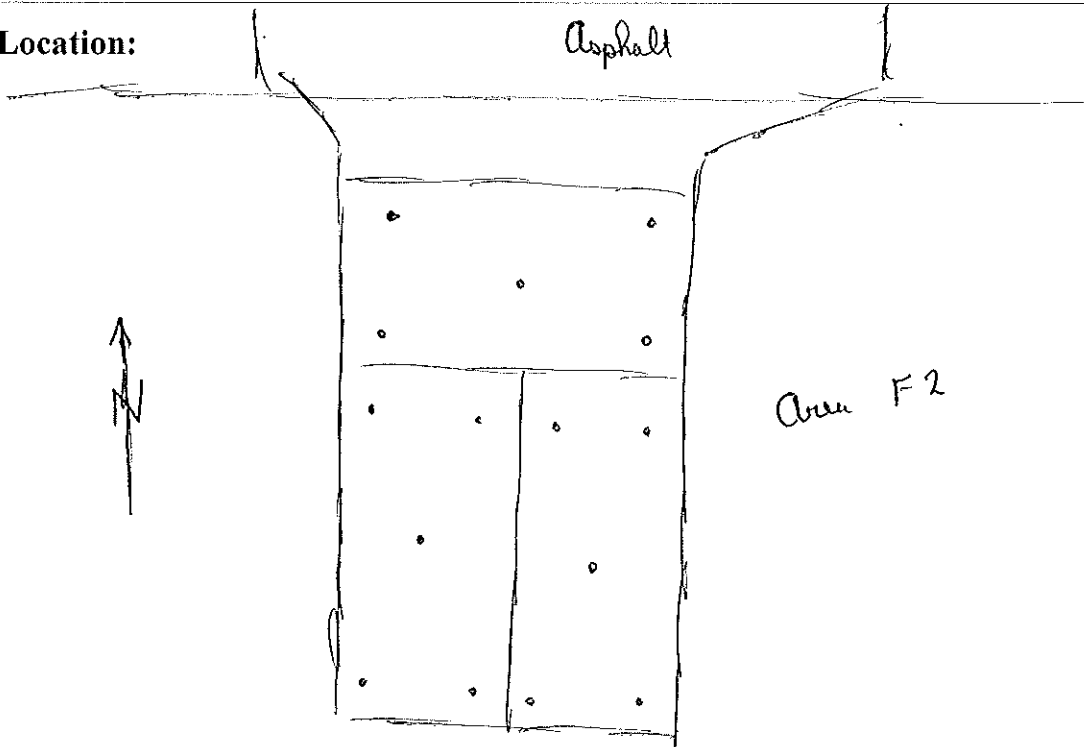
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composit. of 15 pins - newweyed floor sample location @ 1' bgs

Sketch Location:



Logged BY / Date: MMJ 25 Feb 11 Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06242011-5-MB

Location Code: **122FCOMP-02**

Task: **Redstone - PBC**

Sample Number: **PFG6115A**

Collection Date: 24 June 11

Sample Name: **122FCOMP-02-DS-PFG6115A-REG**

Collection Time: 0910

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: TME/ETM

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

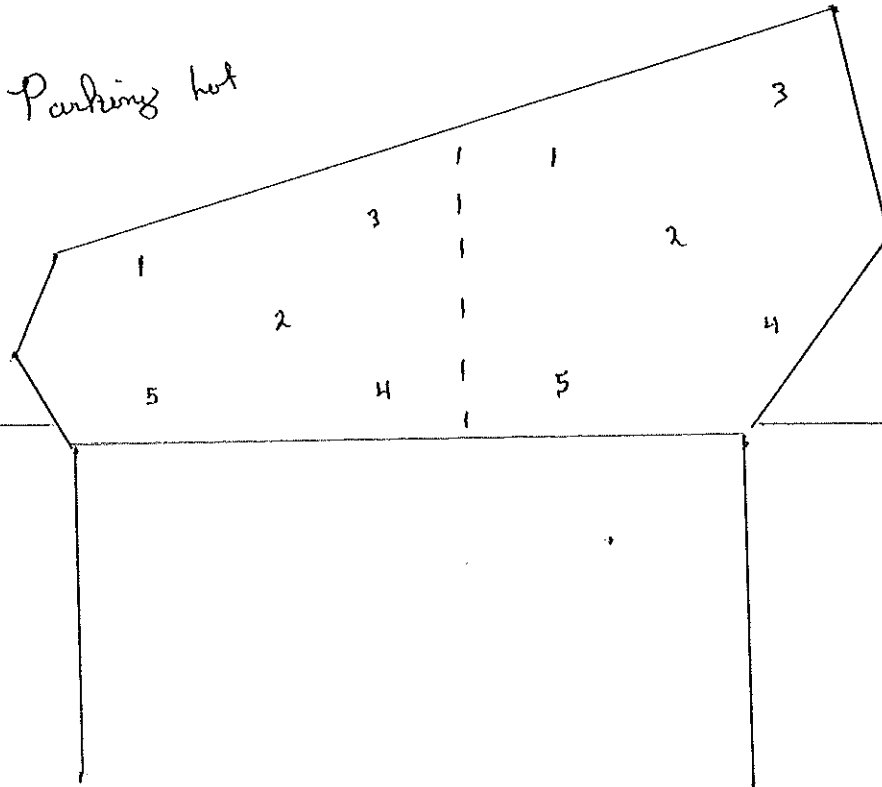
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: A composite sample of two five-point composite samples collected from the excavation floor @ 1' bgs @ pre-surveyed location

Sketch Location:



Logged BY/ Date: TME 24 June 11

Reviewed BY/ Date: E. McDonough 6/29/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06242011-5-MB

Location Code: 122FCOMP-02

Task: Redstone - PBC

Sample Number: PFG6115B

Collection Date: 24 June 11

Sample Name: 122FCOMP-02-DS-PFG6115B-REG

Collection Time: 0910

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MMJ / EMM

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

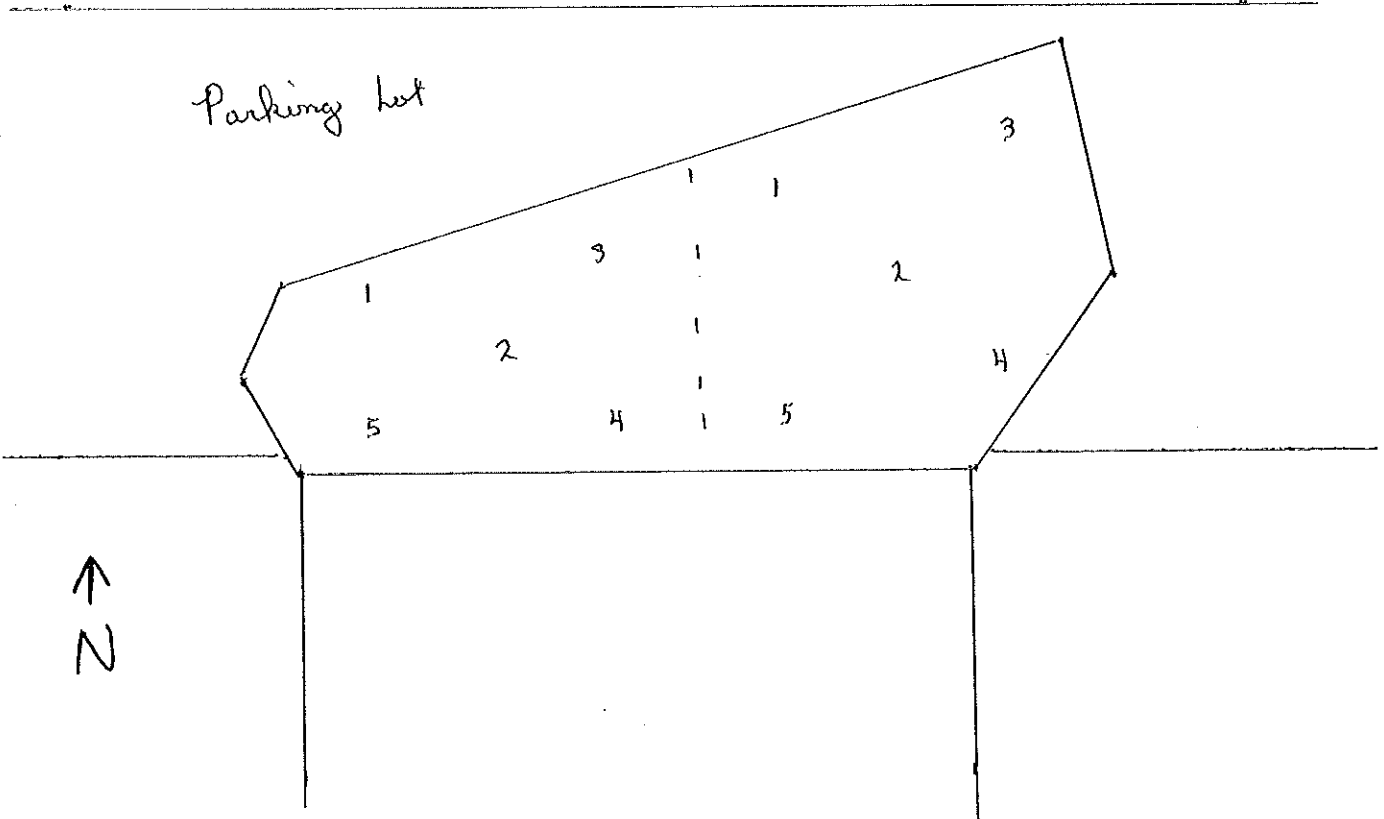
ERPIMS Values:

Scode: _____

Lot Control#: _____

Comments: A composite sample of two five point composite samples collected from presurveyed locations on the excavation floor

Sketch Location:



Logged BY / Date: M. H. 24 June 11

Reviewed BY / Date: E. McDonough 6/29/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

Location Code: **122FCOMP-02**

Task: **Redstone - PBC**

Sample Number: **PFG6115C**

Collection Date: 24 June 11

Sample Name: **122FCOMP-02-DS-PFG6115C-REG**

Collection Time: 0910

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

(TB) _____ (ER) _____ (FB) _____

Sample Team: MMc/ETM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

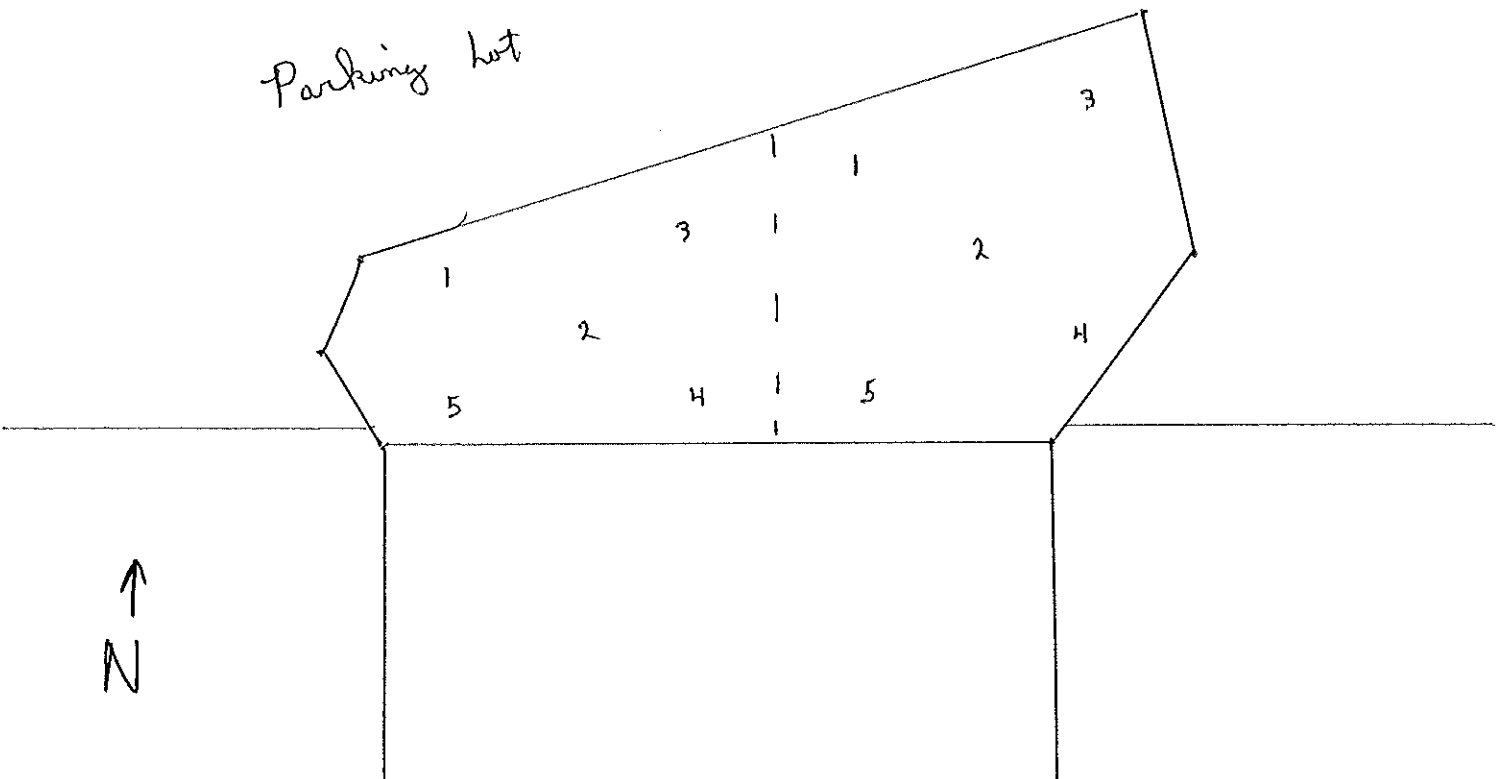
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: A composite sample of two five-point composite samples collected on the excavation floor @ 1' bgs from pre-surveyed location.

Sketch Location:



Logged BY / Date: MMc 24 June 11

Reviewed BY / Date: E. McDonough 6/29/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFI / COC Number: PFG03032011-S-MB

Location Code: **122GPCS19-1**

Sample Number: **PFG6022**

Sample Name: **122GPCS19-1-SO-PFG6022-REG**

Sampling Method: **HA**

Sample Type: **SS**

Sample Purpose: **REG**

Sampling Equip: Stainless steel spoon / bowl / sieve

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 27 Mar 11

Collection Time: 1225

Start Depth: 0' ft bgs

End Depth: 1'

Sample Matrix: **SO**

Sample Team: MMH / EMM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

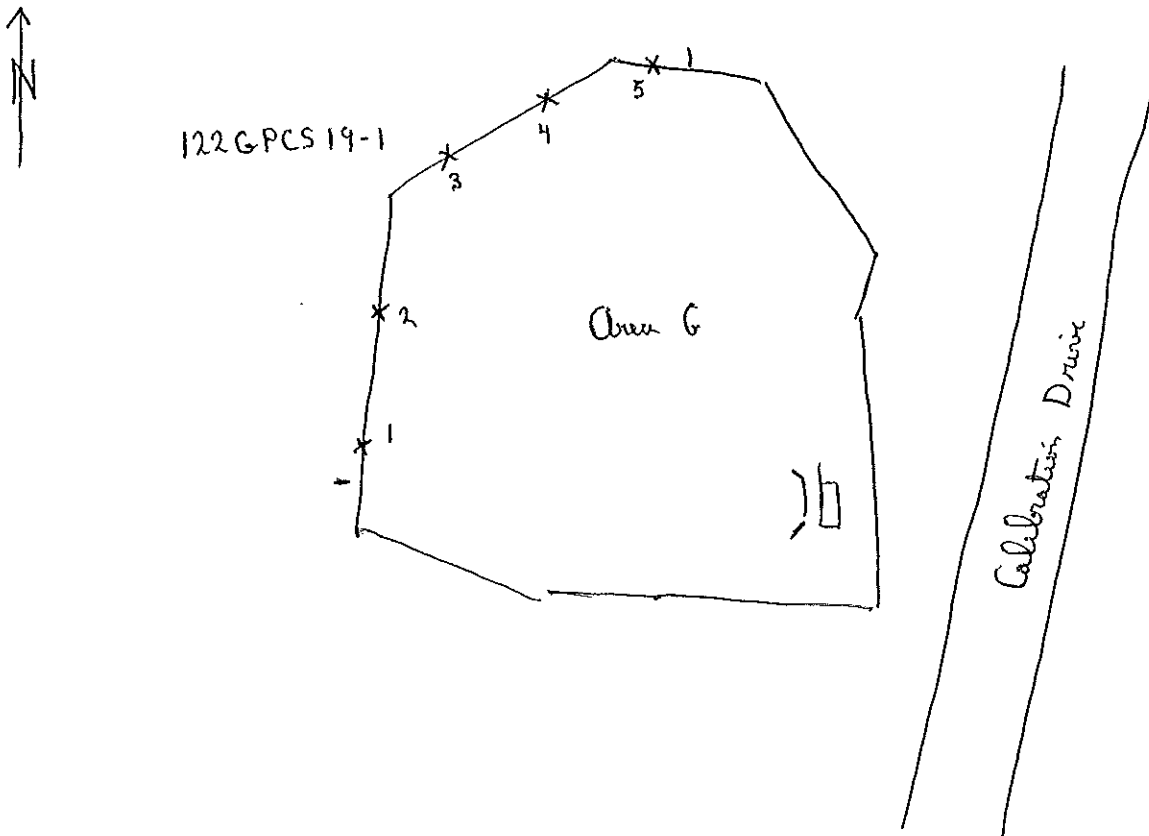
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite sample from 5 points along the perimeter wall @
0-1 bgs

Sketch Location:



Logged BY / Date: MMH 27 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: **122GPCS20-1**

Task: **118166**

Sample Number: **PFG6023**

Collection Date: 3 Mar 11

Sample Name: **122GPCS20-1-SO-PFG6023-REG**

Collection Time: 0900

Sampling Method: **HA**

Start Depth: 0' ft bgs

Sample Type: **SS**

Sample Purpose: **REG**

End Depth: 1' ft bgs

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

(TB) _____ (ER) _____ (FB) _____

Sample Team: MJL / EMM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

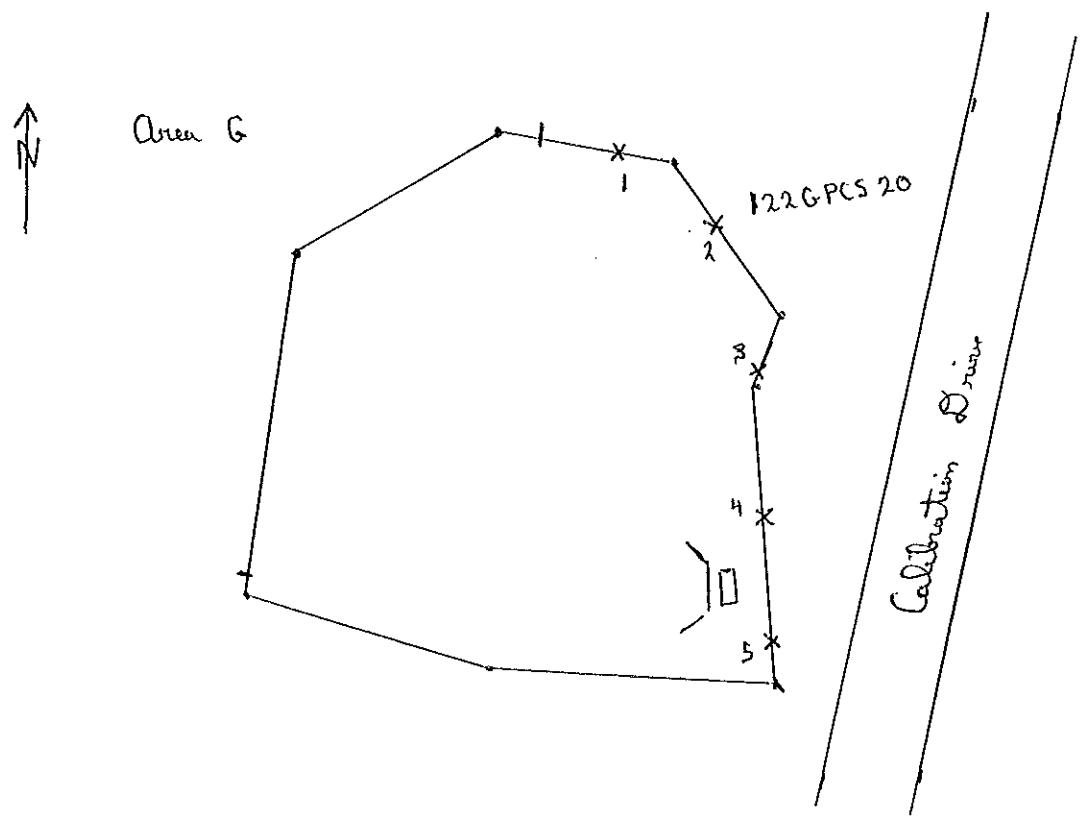
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite sample from 5 points along the perimeter wall @ 0-1 bgs

Sketch Location:



Logged BY / Date: MJL 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: 122GPCS21-1

Task: 118166

Sample Number: PFG6024

Collection Date: 3 Mar 11

Sample Name: 122GPCS21-1-SO-PFG6024-REG

Collection Time: 0915

Sampling Method: HA

Start Depth: 0' ft bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: MJD / EMM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

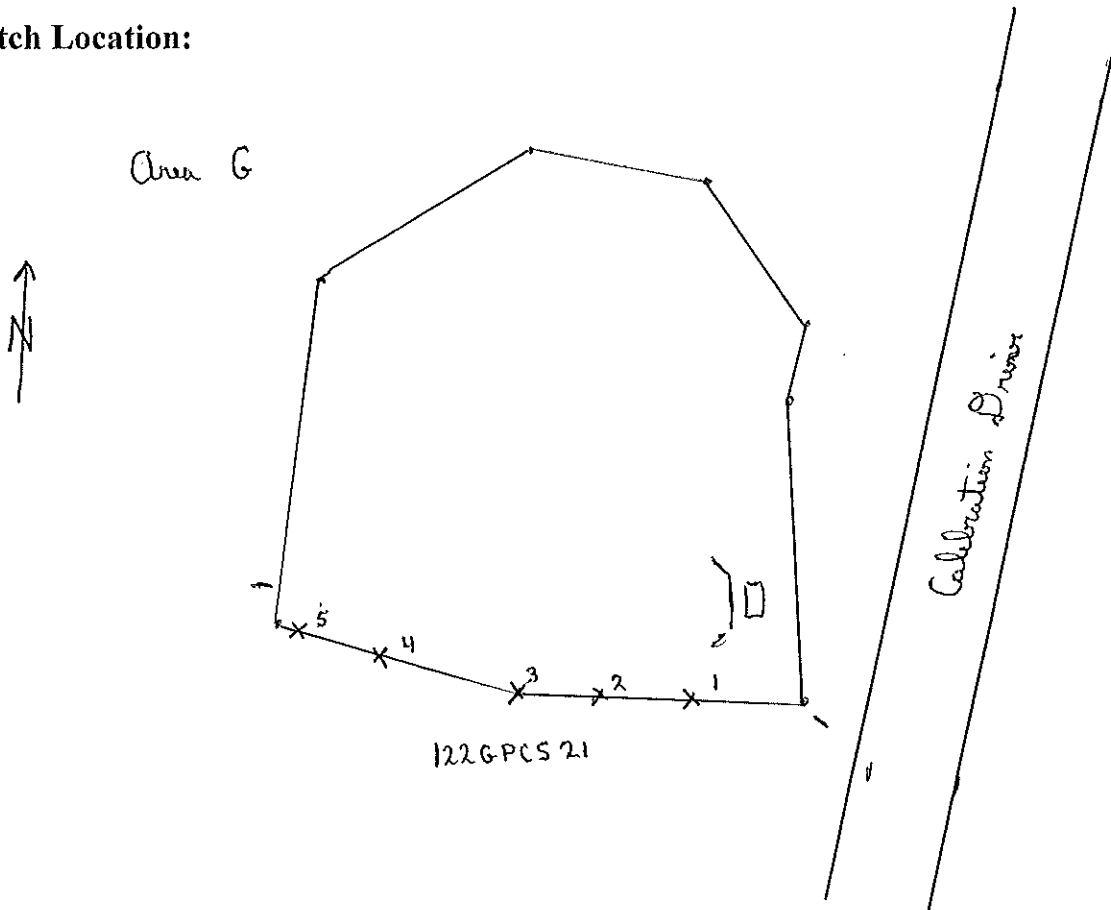
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite sample from 5 points along the perimeter wall @ 0-1 bgs

Sketch Location:



Logged BY / Date: MJD 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: **122G1F-1**

Task: **118166**

Sample Number: **PFG6075**

Collection Date: 2 Mar 11

Sample Name: **122G1F-1-SO-PFG6075-REG**

Collection Time: 1225

Sampling Method: **HA**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJS/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

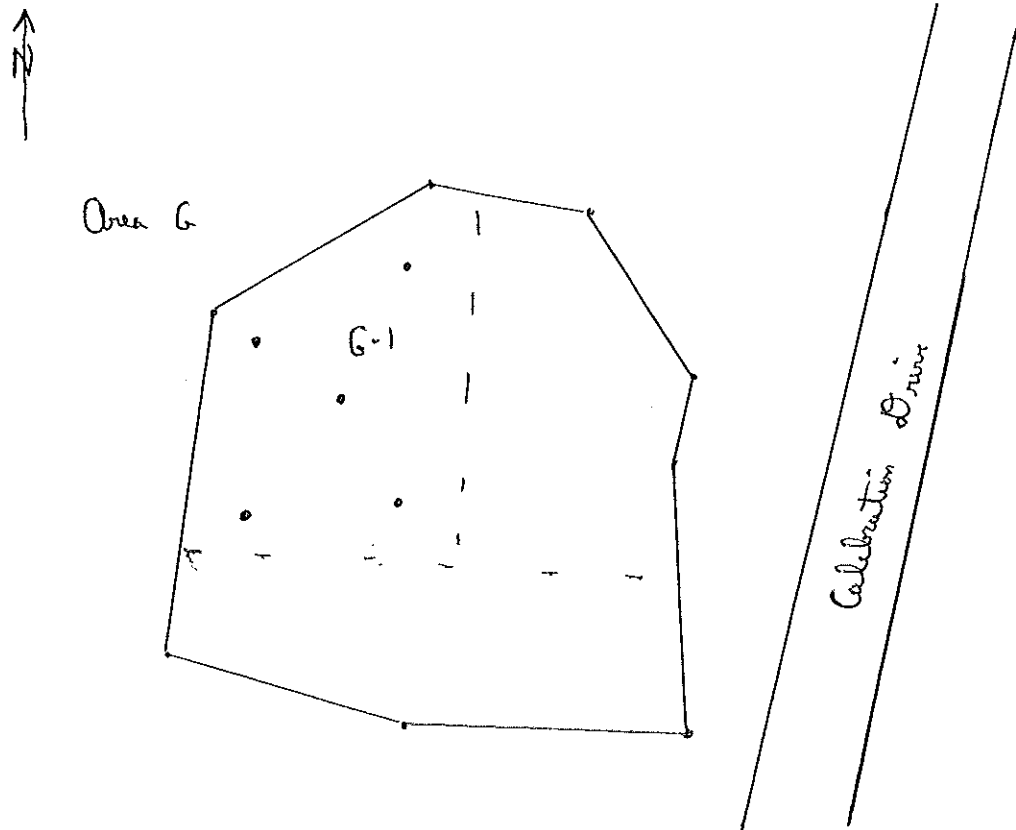
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite sample from 5 pre-surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: MJS 2 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: PFG 03032011-S-MB

Location Code: **122G2F-1**

Task: **118166**

Sample Number: **PFG6076**

Collection Date: 3 Mar 11

Sample Name: **122G2F-1-SO-PFG6076-REG**

Collection Time: 0835

Sampling Method: **HA**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl and sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJD/EM

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

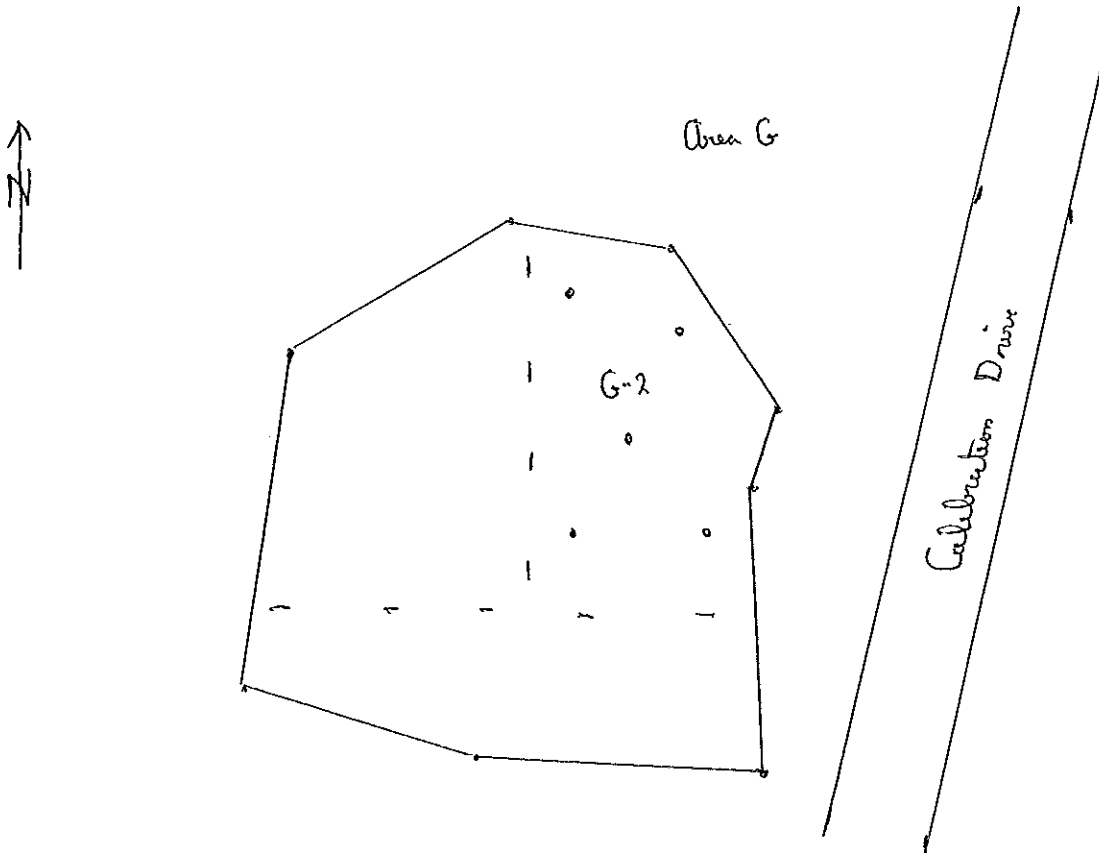
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite sample from 5 pre-surveyed excavation floor locations @ ^{MJD} 1' bgs

Sketch Location:



Logged BY / Date: MJD 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: **122G3F-1**

Task: **118166**

Sample Number: **PFG6077**

Collection Date: 3 Mar 11

Sample Name: **122G3F-1-SO-PFG6077-REG**

Collection Time: 0850

Sampling Method: **HA**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' ft bgs

Sampling Equip: Stainless steel spoon, bowl and sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJ / EMB

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

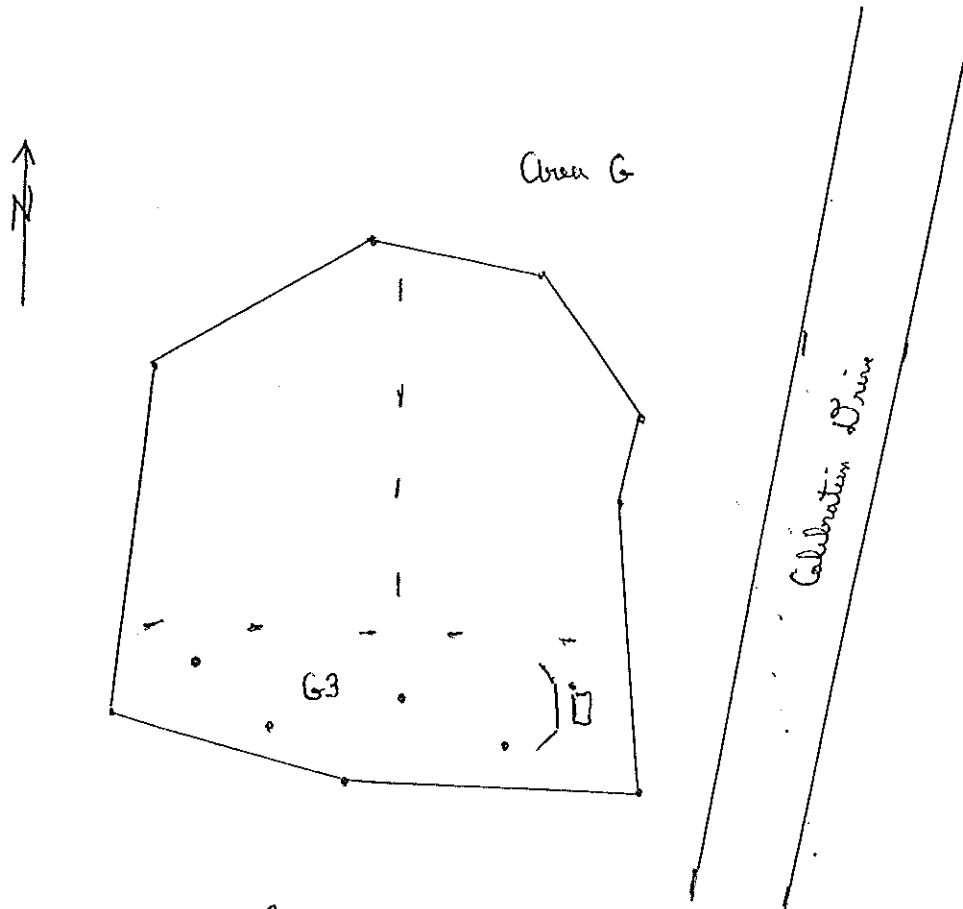
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite sample from 5 pre surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: MJ / 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: **122GCOMP-01**

Task: **118166**

Sample Number: **PFG6109A**

Collection Date: 3/27/11

Sample Name: **122GCOMP-01-DS-PFG6109A-REG**

Collection Time: 0850

Sampling Method: **GRAB**

Start Depth: 1' ft bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MB/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

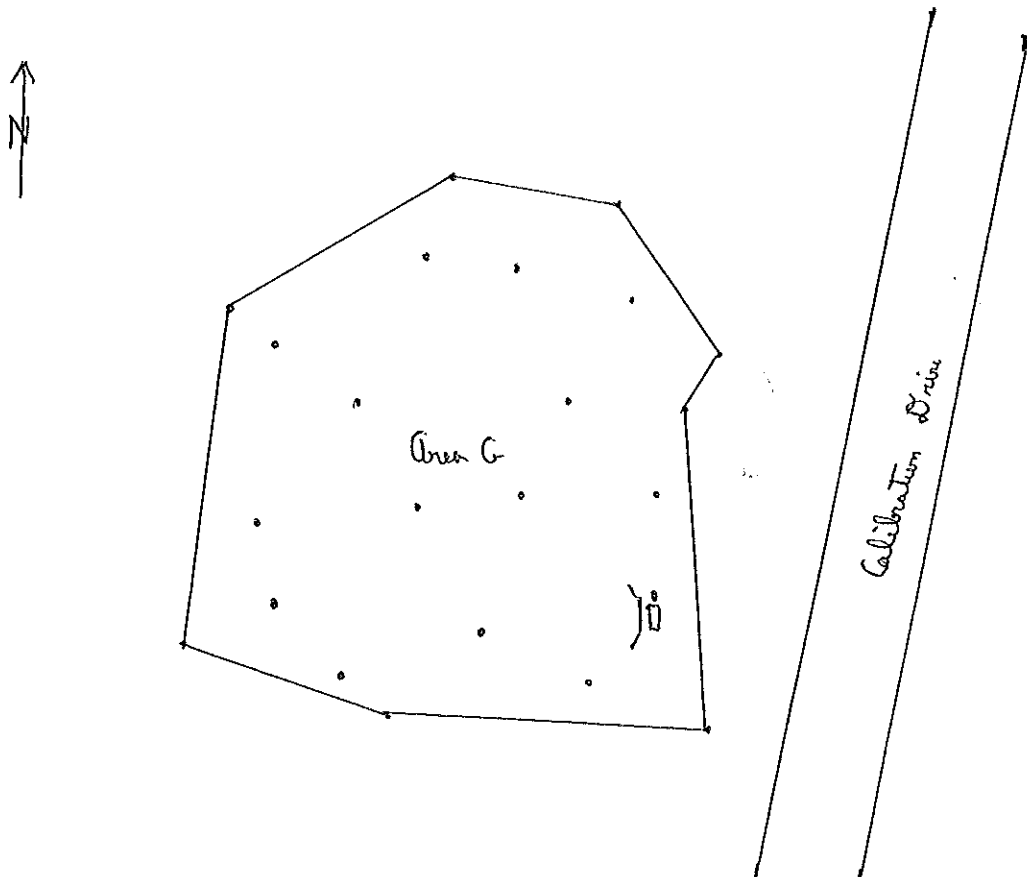
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of 15 pins from 15 pre-surveyed excavation floor locations @ 1 bgs

Sketch Location:



Logged BY / Date: M. H. 3/27/11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: PFG03032011-S-MB

Location Code: **122GCOMP-01**

Task: **118166**

Sample Number: **PFG6109B**

Collection Date: 3 Mar 11

Sample Name: **122GCOMP-01-DS-PFG6109B-REG**

Collection Time: 0850

Sampling Method: **GRAB**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MMH / EMM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

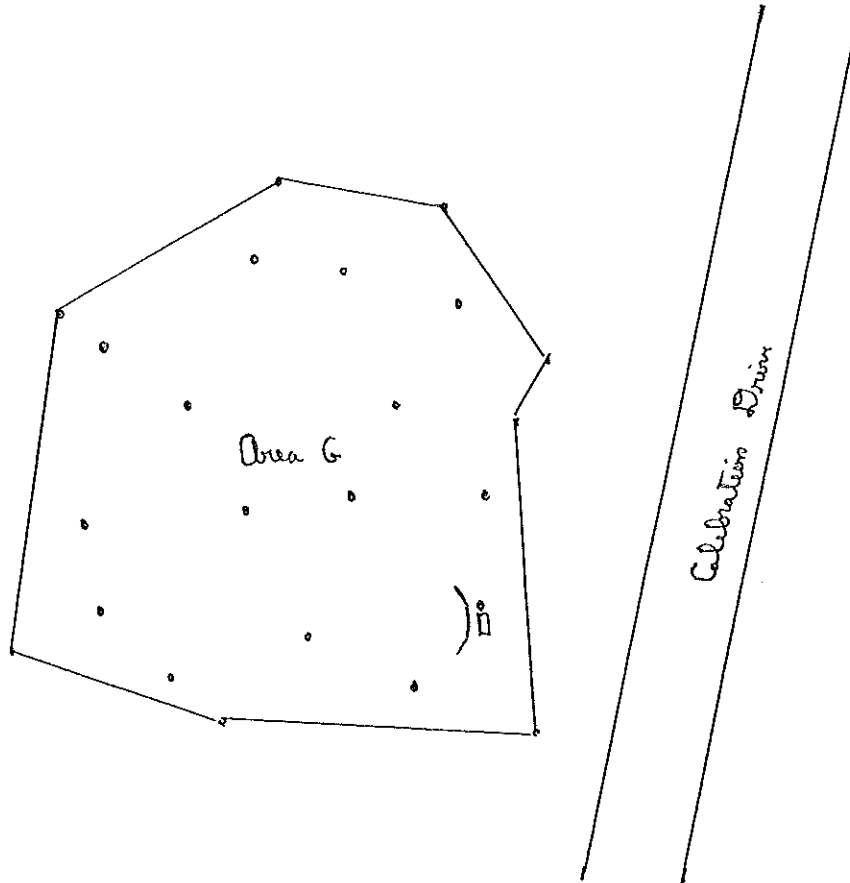
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite from 15 pre-surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: MMH 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: **122GCOMP-01**

Task: **118166**

Sample Number: **PFG6109C**

Collection Date: 3 Mar 11

Sample Name: **122GCOMP-01-DS-PFG6109C-REG**

Collection Time: 0850

Sampling Method: **GRAB**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

(TB)

(ER)

(EB)

Sample Team: MK / EMM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

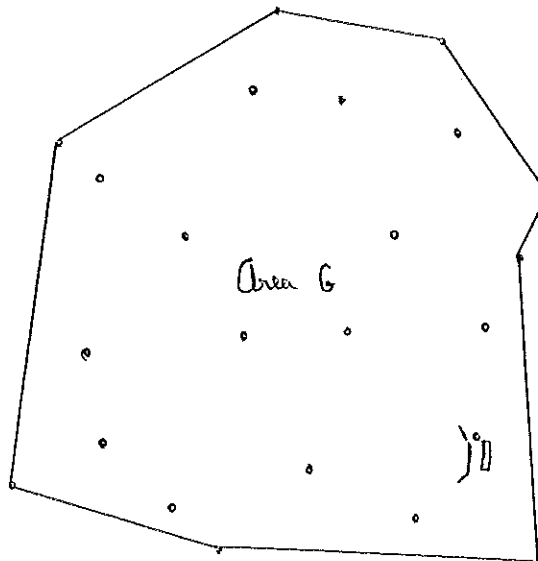
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite from 15 pre-surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: M. Kelly 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG 03032011-S-MB

Location Code: **122GCOMP-01**

Task: **118166**

Sample Number: **PFG6109C-MS**

Collection Date: 3 Mar 11

Sample Name: **122GCOMP-01-DS-PFG6109C-MS**

Collection Time: 0850

Sampling Method: **GRAB**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **MS**

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MM/EM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

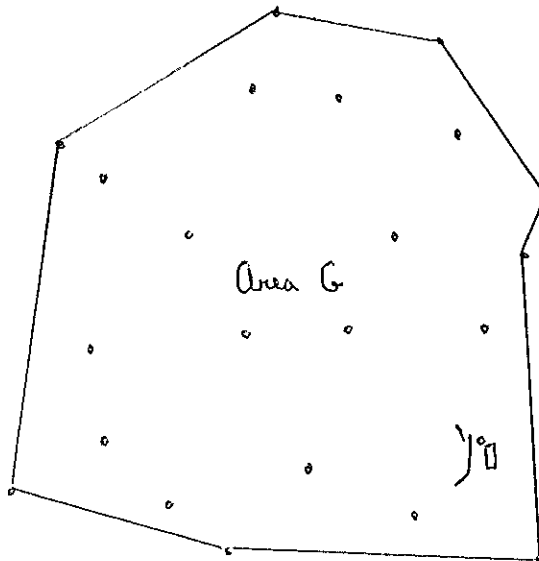
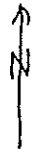
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite from 15 pre surveyed excavation floor locations @ 1' bgs

Sketch Location:



Collection Drive

Logged BY / Date: MM/EM 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: **122GCOMP-01**

Task: **118166**

Sample Number: **PFG6109C-MSD**

Collection Date: 3/27/11

Sample Name: **122GCOMP-01-DS-PFG6109C-MSD**

Collection Time: 0850

Sampling Method: **GRAB**

Start Depth: 1' ft bgs

Sample Type: **DS**

Sample Purpose: **MSD**

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MJL/EM

(TB) _____ (ER) _____ (FB) _____

Containers

ERPIMS Values:

Analytical Suite Flt Frtn Qty Size Units Type

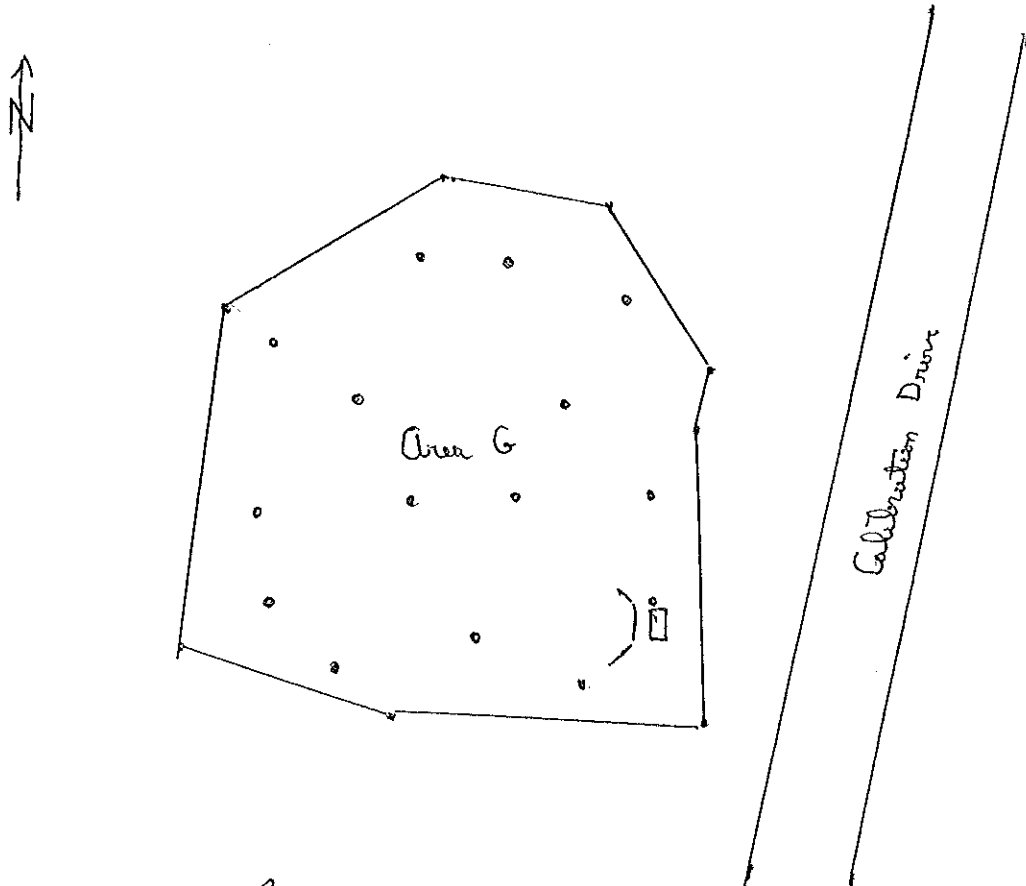
Sacode: _____

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

Lot Control#: _____

Comments: Composite from 15 pre-surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: MJL 3/27/11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03172011-S-MB

Location Code: 122HPCS37-1

Task: 118166

Sample Number: PFG6025

Collection Date: 16 Mar 11

Sample Name: 122HPCS37-1-SO-PFG6025-REG

Collection Time: 1350

Sampling Method: HA

Start Depth: 0'

Sample Type: SS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: SS spoon, shovel, sieve

Sample Matrix: SO

QC Partners:

Sample Team: 7778 / E 777

(TB) _____ (ER) _____ (FB) _____

Containers

ERPIMS Values:

Analytical Suite Flt Frtn Qty Size Units Type

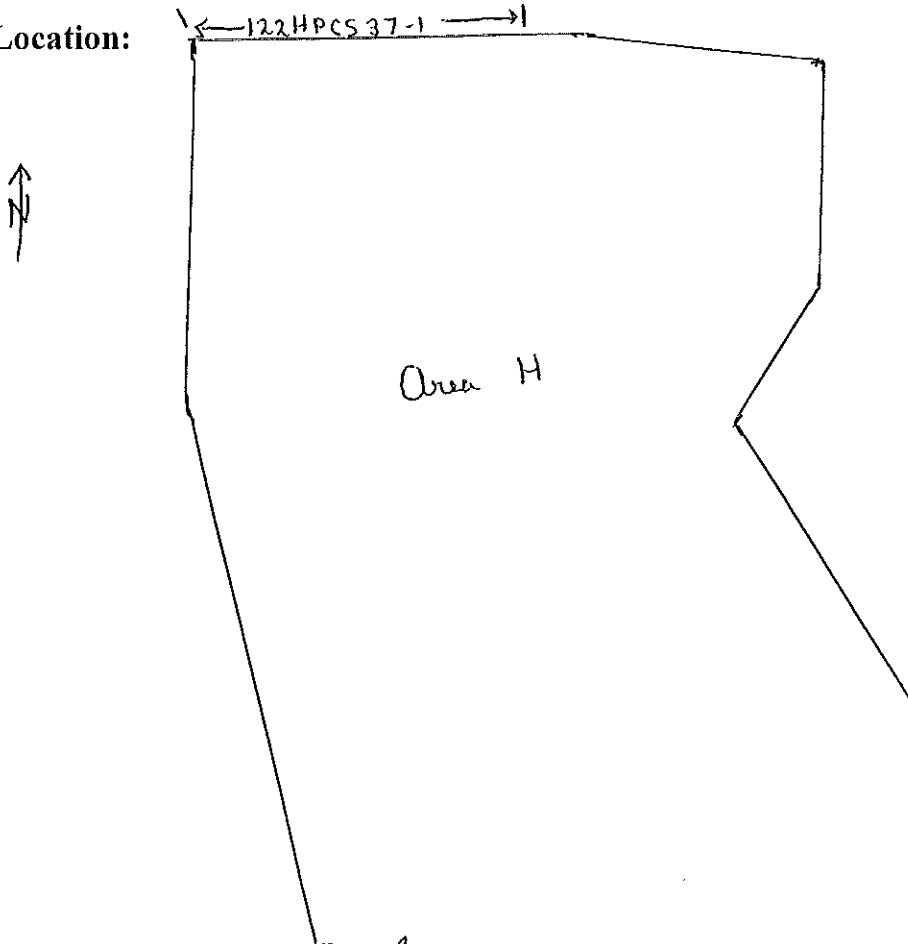
Sacode: _____

ARSENIC-MERCURY N A 1 2 oz CWM

Lot Control#: _____

Comments: Composite sample from 5 points from 0-1 bgs

Sketch Location:



Logged BY / Date: 7778 / 16 Mar 11

Reviewed BY / Date: E. McDonough / 3/19/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03172011-S-MB

Location Code: 122HPCS38-1

Task: 118166

Sample Number: PFG6026

Collection Date: 16 Mar 11

Sample Name: 122HPCS38-1-SO-PFG6026-REG

Collection Time: 0915

Sampling Method: HA

Start Depth: 0'

Sample Type: SS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: JJK/EM

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

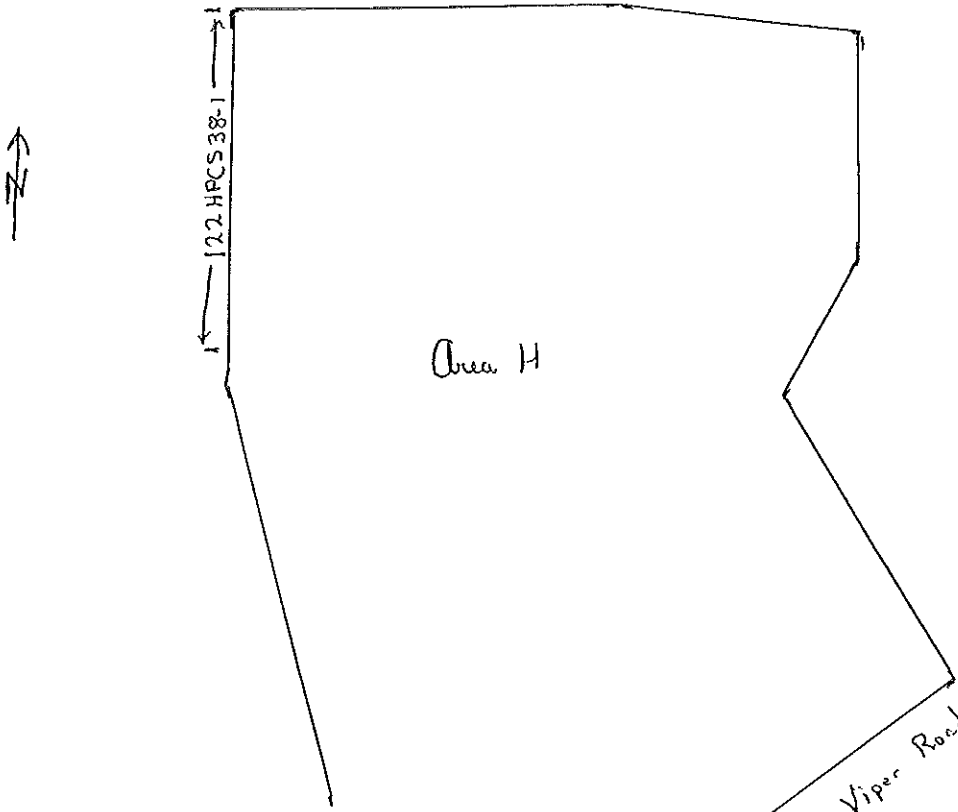
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collect five point composite from perimeter sample 122HPCS38-1 @ 0-1' bgs

Sketch Location:



Logged BY / Date: JJK 16 Mar 11

Reviewed BY / Date: E. McDonough 3/19/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03172011-S-MB

Location Code: 122HPCS39-1

Task: 118166

Sample Number: PFG6027

Collection Date: 16 Mar 11

Sample Name: 122HPCS39-1-SO-PFG6027-REG

Collection Time: 0930

Sampling Method: HA

Start Depth: 0'

Sample Type: SS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: SS spoon, bowl, screen

Sample Matrix: SO

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: 7772/EM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

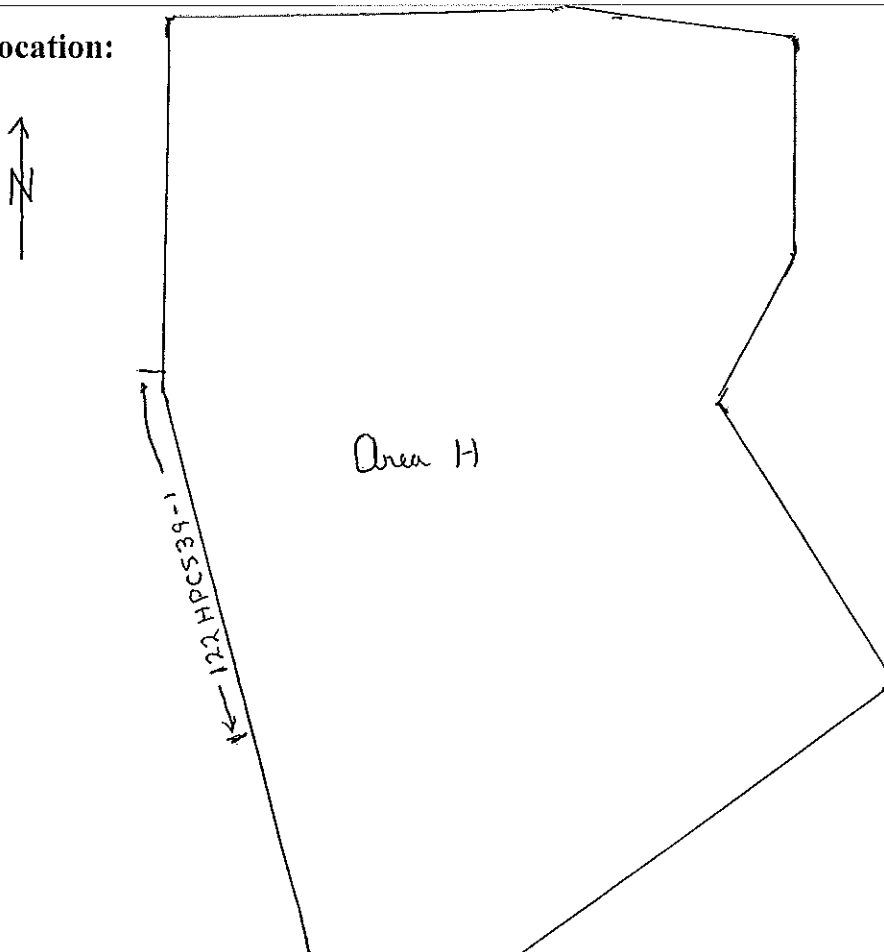
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite from perimeter sample 122HPCS39-1 @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. L. / 16 Mar 11

Reviewed BY / Date: E. McDonough / 3/19/11



Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFA / COC Number: 122-032211-MBLM

Location Code: 122HPCS52-1

Task: 118166

Sample Number: PFG6028

Collection Date: 22 Mar 11

Sample Name: 122HPCS52-1-SO-PFG6028-REG

Collection Time: 0950

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: 77791 / E 777

(TB) (ER) (FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

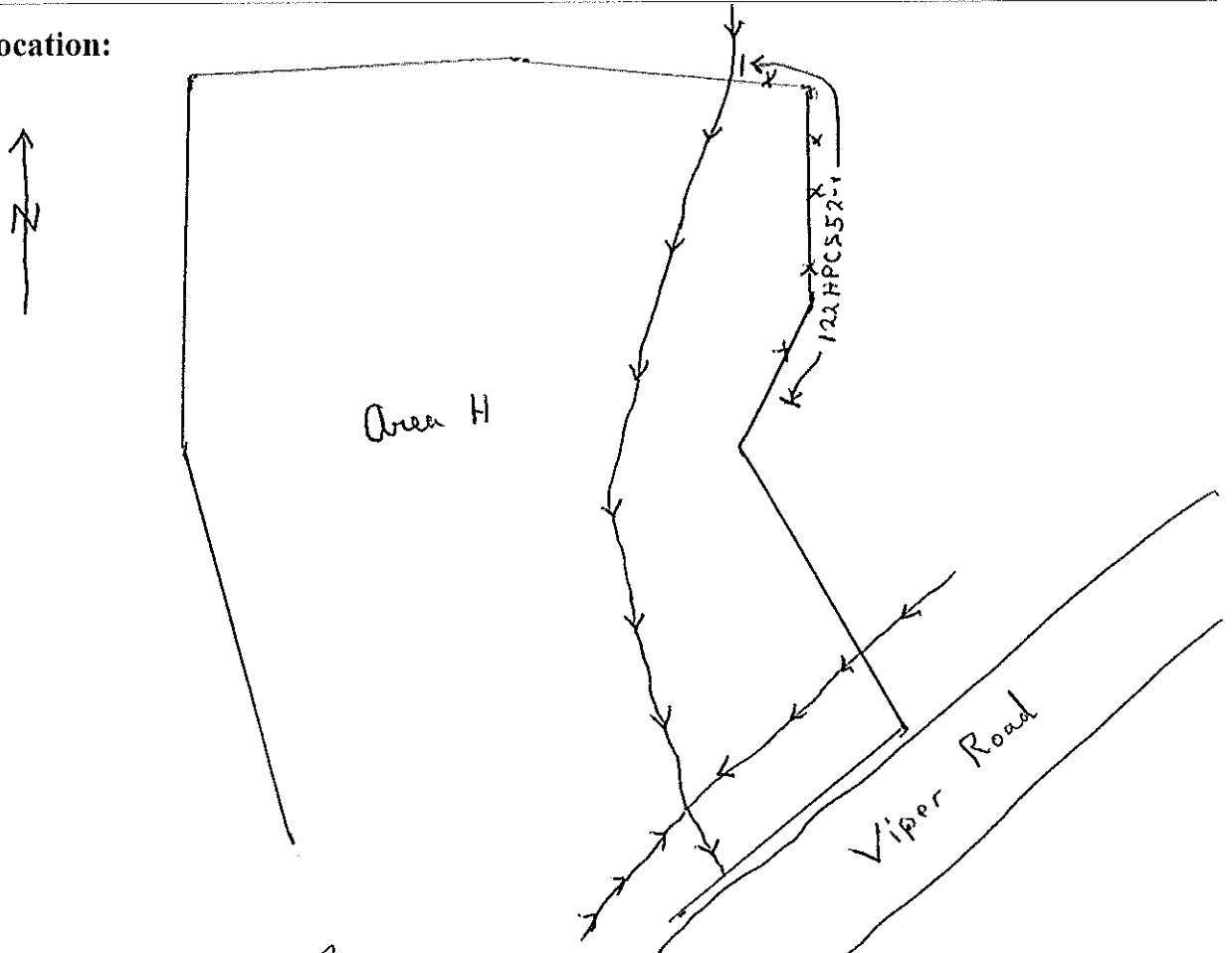
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect com five point composite sample from perimeter segment
122HPCS52-1 @ 0-1 bgs

Sketch Location:



Logged BY / Date: JK 22 Mar 11

Reviewed BY / Date: E. McDonough 3/23/11

Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFI / COC Number: 122-032211-MBLM

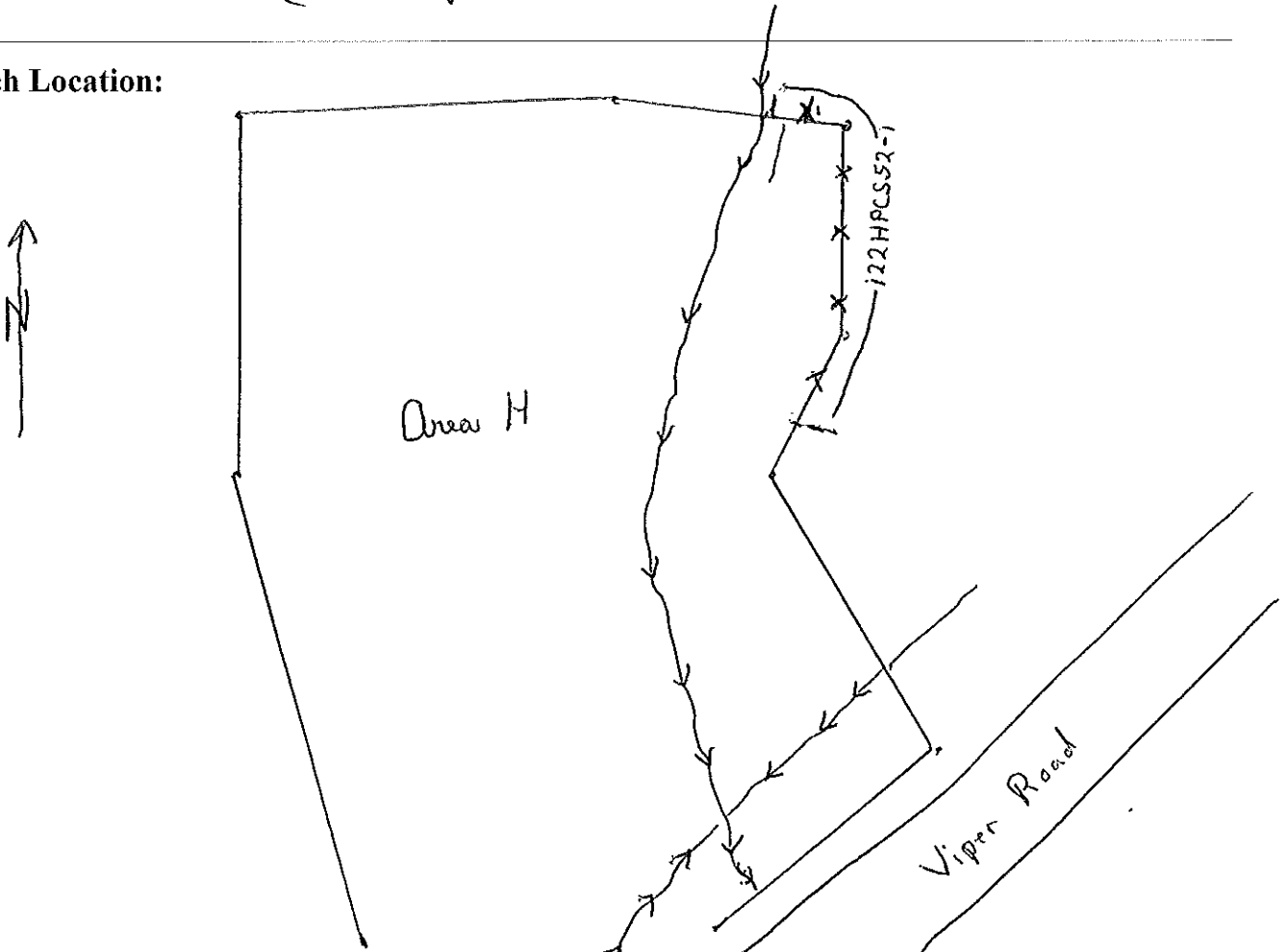
Location Code: **122HPCS52-1** Task: **118166**
 Sample Number: **PFG6029** Collection Date: 22 Mar 11
 Sample Name: **122HPCS52-1-SO-PFG6029-FD** Collection Time: 0950
 Sampling Method: **HA** Start Depth: 0' bgs
 Sample Type: **SS** Sample Purpose: **FD** End Depth: 1' bgs
 Sampling Equip: SS spoon, bowl, sieve Sample Matrix: **SO**
 QC Partners: (TB) (ER) (FB) Sample Team: MMH/ETM

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collect five point composite sample from perimeter segment
122HPSC52-1 @ 0-1 bgs

Sketch Location:



Logged BY / Date: MMH / 22 Mar 11

Reviewed BY / Date: E. McDonough 3/23/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032211-MBLM

Location Code: **122HPCS62-1**

Task: **118166**

Sample Number: **PFG6030**

Collection Date: 18 Mar 11

Sample Name: **122HPCS62-1-SO-PFG6030-REG**

Collection Time: 0940

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **SS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJL/EJH

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

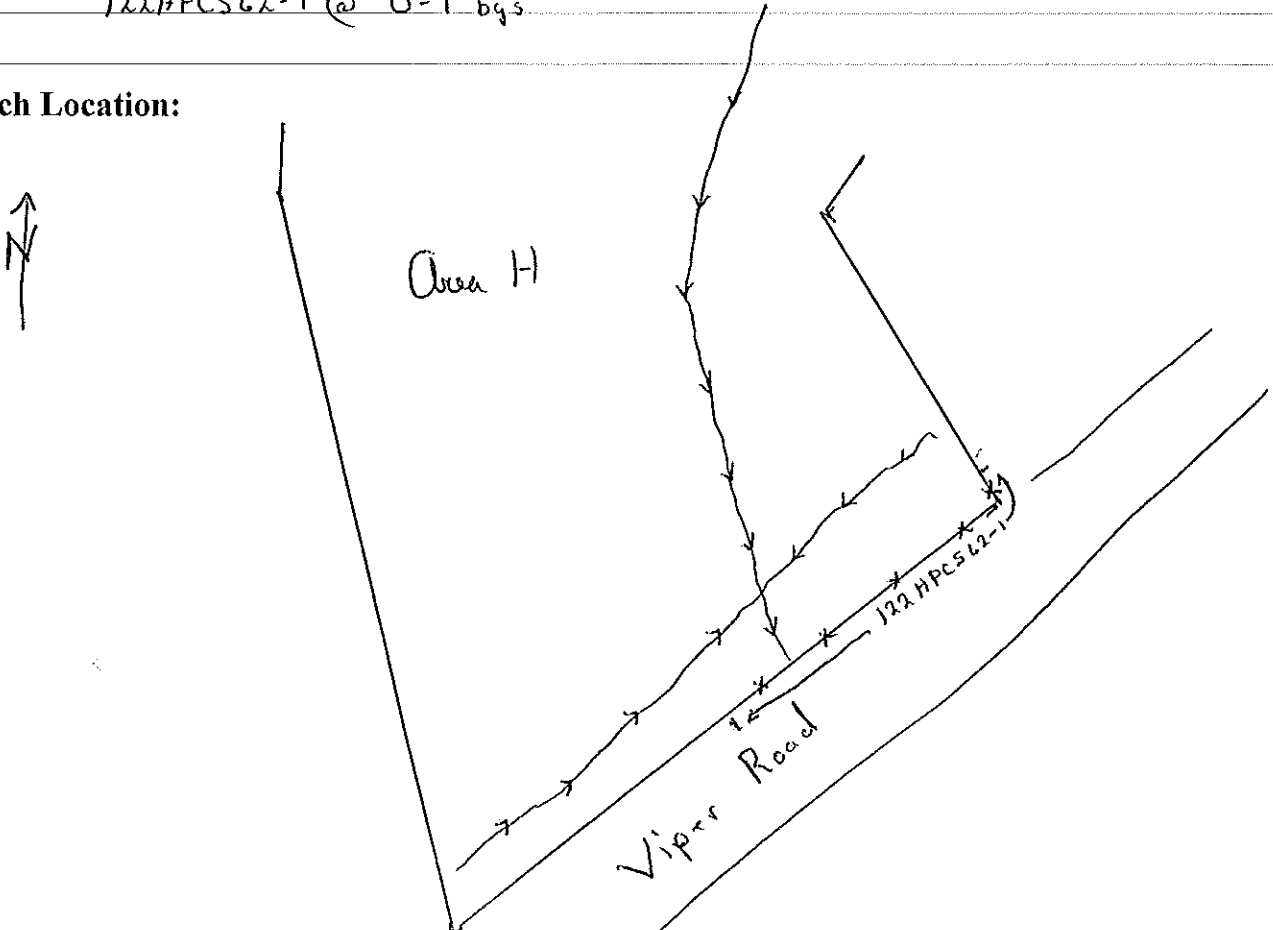
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected five point composite sample from perimeter segment 122HPCS62-1 @ 0-1' bgs

Sketch Location:



Logged BY / Date: MJL / 18 Mar 11

Reviewed BY / Date: E. McDonough 3/23/11



Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFA / COC Number: PFG03172011-S-MB

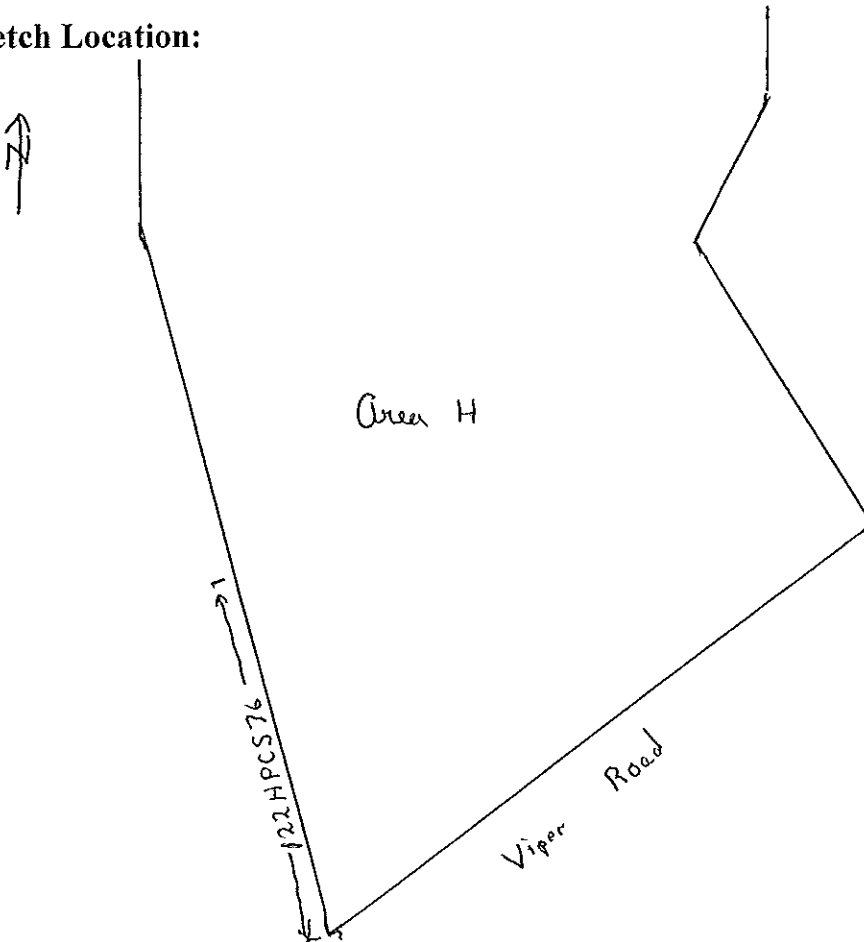
Location Code: 122HPCS76-1 Task: 118166
 Sample Number: PFG6031 Collection Date: 16 Mar 11
 Sample Name: 122HPCS76-1-SO-PFG6031-REG Collection Time: 0945
 Sampling Method: HA Start Depth: 0'
 Sample Type: SS Sample Purpose: REG End Depth: 1'
 Sampling Equip: SS spoon, bowl, sieve Sample Matrix: SO
 QC Partners: (TB) _____ (ER) _____ (FB) _____ Sample Team: MMA/EM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Perimeter composite sample from 5 points @ 0-1' bgs

Sketch Location:



Logged BY / Date: MMA 16 Mar 11 Reviewed BY / Date: E. McDonough 3/19/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG603172011-S-MB

Location Code: 122HPCS76-1

Task: 118166

Sample Number: PFG6031-MS

Collection Date: 16 Mar 11

Sample Name: 122HPCS76-1-SO-PFG6031-MS

Collection Time: 0945

Sampling Method: HA

Start Depth: 0'

Sample Type: SS

Sample Purpose: MS

End Depth: 1'

Sampling Equip: SS bowl, spoon, sieve

Sample Matrix: SO

QC Partners:

Sample Team: 77791/E77

(TB)

(ER)

(FB)

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

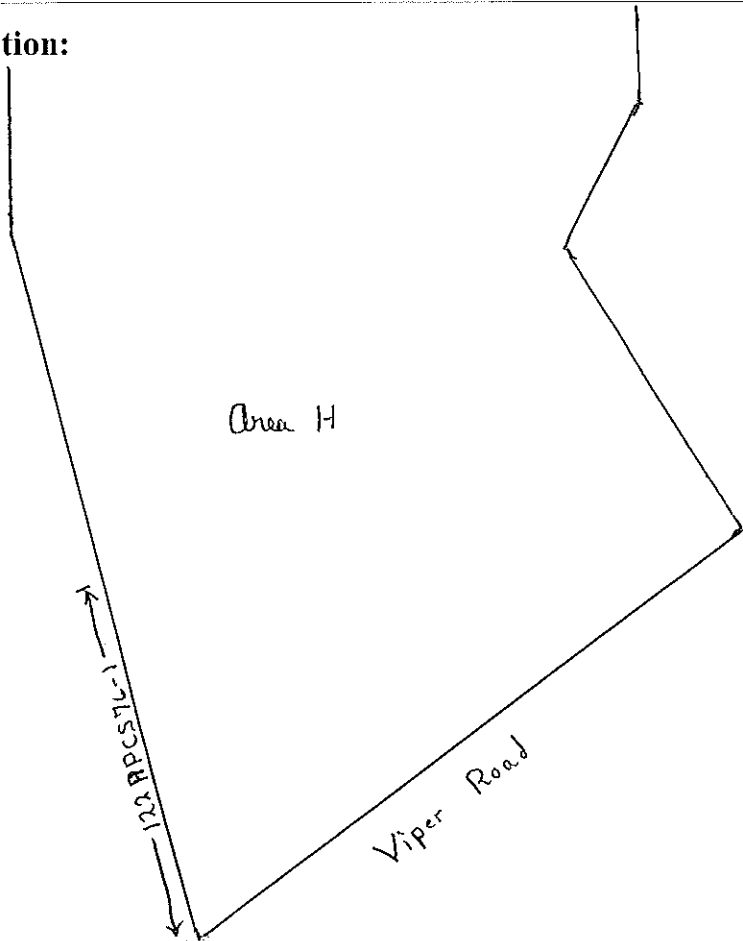
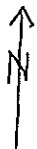
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite sample from 5 points from 0-1 hgs

Sketch Location:



Logged BY / Date: 77791/16 Mar 11

Reviewed BY / Date: C. McDonough 3/19/11



Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFA / COC Number: PFG03172011-S-MB

Location Code: 122HPCS76-1

Task: 118166

Sample Number: PFG6031-MSD

Collection Date: 16 Feb 11

Sample Name: 122HPCS76-1-SO-PFG6031-MSD

Collection Time: 0945

Sampling Method: HA

Start Depth: 0'

Sample Type: SS

Sample Purpose: MSD

End Depth: 1'

Sampling Equip: SS spoon, bowl, spoon

Sample Matrix: SO

QC Partners:

Sample Team: 777 & E777

(TB) _____ (ER) _____ (FB) _____

Containers

ERPIMS Values:

Analytical Suite Flt Frtn Qty Size Units Type

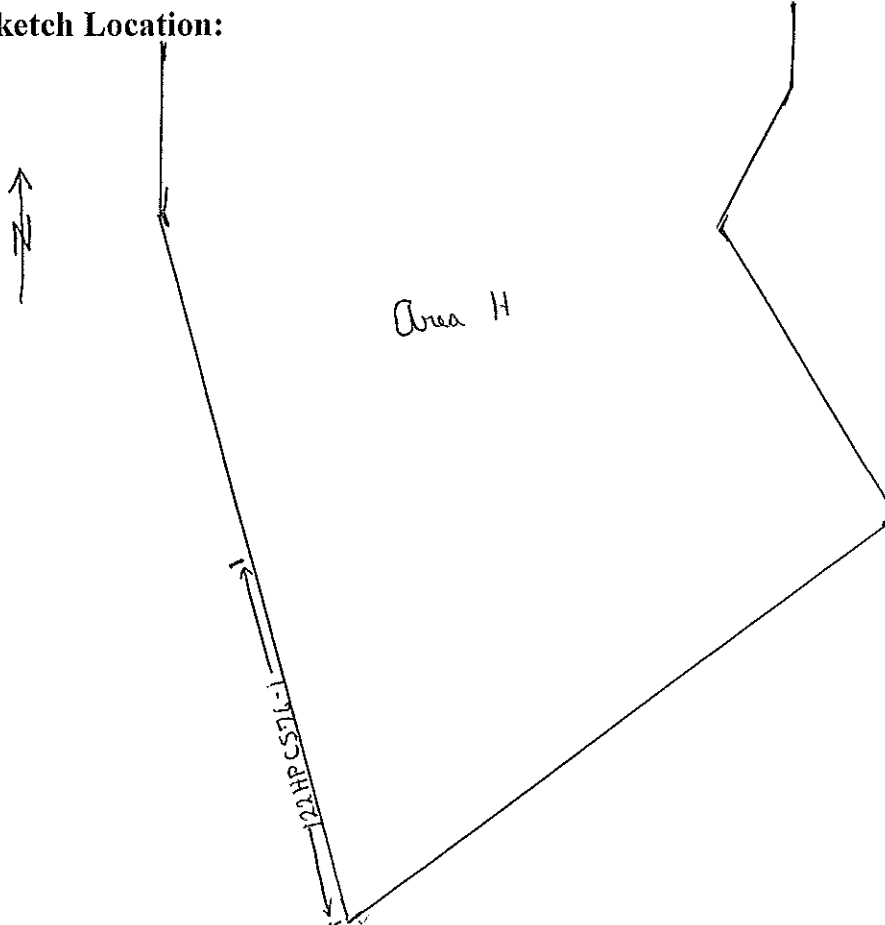
Sacode: _____

ARSENIC-MERCURY N A 1 2 oz CWM

Lot Control#: _____

Comments: Perimeter composite sample from 5 points @ 0-1' bgs

Sketch Location:



Logged BY / Date: 777 / 16 Feb 11

Reviewed BY / Date: E. McDonough 3/19/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: PFG03172011-S-MB

Location Code: 122HPCSAA-1

Sample Number: PFG6032

Sample Name: 122HPCSAA-1-SO-PFG6032-REG

Sampling Method: HA

Sample Type: SS

Sample Purpose: REG

Sampling Equip: Stainless steel spoon, bowl, sieve

QC Partners:

(TB) _____ (ER) _____ (FB) _____

Task: 118166

Collection Date: 3/16/11

Collection Time: 14:30

Start Depth: 0'

End Depth: 1'

Sample Matrix: SO

Sample Team: MG/EM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

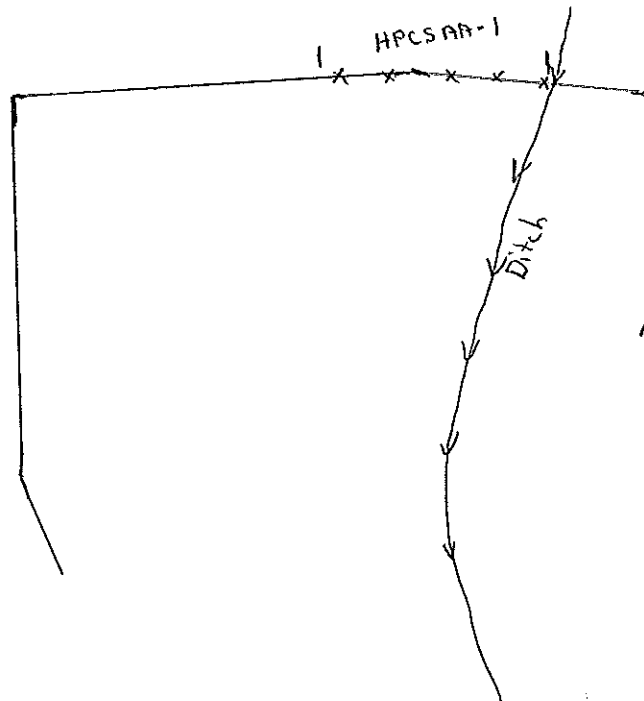
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected fine pointed composite from perimeter sample 122HPCSAA-1 from 0-1 bgs

Sketch Location:



Logged BY / Date: Michael A. Hill / 16 Mar 11 Reviewed BY / Date: E. McDonough 3/19/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

REA / COC Number: 122 - 032211 - MBLM

Location Code: **122HPCSY-1**
 Sample Number: **PFG6033**
 Sample Name: **122HPCSY-1-SO-PFG6033-REG**
 Sampling Method: **HA**
 Sample Type: **SS** Sample Purpose: **REG**
 Sampling Equip: SS spoon, bowl, sieve
 QC Partners:
 (TB) _____ (ER) _____ (FB) _____

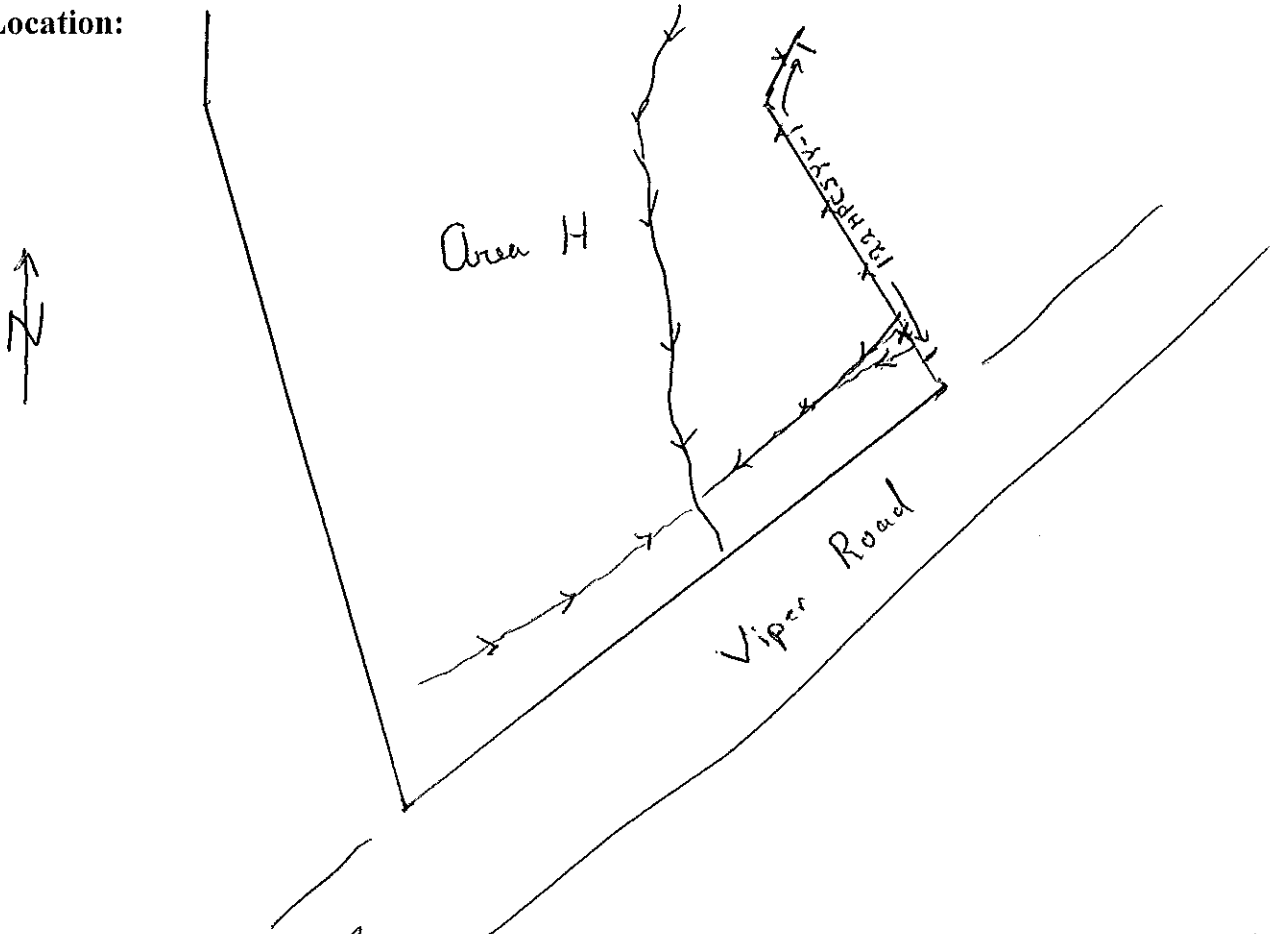
Task: **118166**
 Collection Date: 21 Mar 11
 Collection Time: 1300
 Start Depth: 0' bgs
 End Depth: 1' bgs
 Sample Matrix: **SO**
 Sample Team: 777RL / EMM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collect five point composite sample from perimeter segment 122HPCSY-1 @ 0-1' bgs

Sketch Location:



Logged BY / Date: 777RL 21 Mar 11

Reviewed BY / Date: E. McDonough 3/23/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032211-MBLM

Location Code: **122HPCSZZ-1**

Task: **118166**

Sample Number: **PFG6034**

Collection Date: 18 Mar 11

Sample Name: **122HPCSZZ-1-SO-PFG6034-REG**

Collection Time: 0905

Sampling Method: **HA**

Start Depth: 0' bgs

Sample Type: **SS** Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJL / EJM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

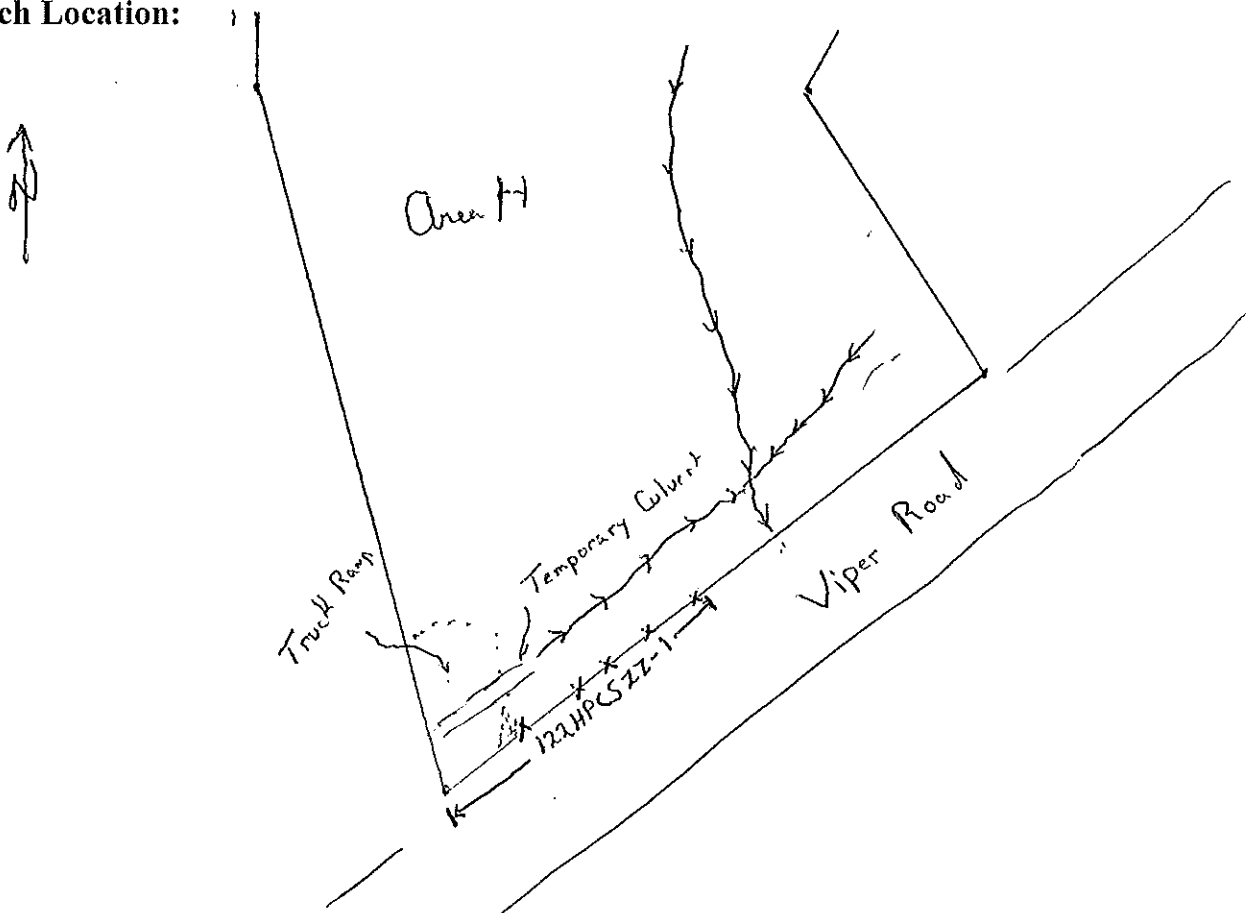
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from per perimeter segment 122HPCSZZ-1 @ 0-1' bgs

Sketch Location:



Logged BY / Date: MJL / 18 Mar 11

Reviewed BY / Date: E. McDonough / 3/23/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032411-MBLM

Location Code: **122H1F-1**

Sample Number: **PFG6089**

Sample Name: **122H1F-1-SO-PFG6089-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: SS spoon, bowl, sieve

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 24 Mar 11

Collection Time: 0800

Start Depth: 1' bgs

End Depth: 1' bgs

Sample Matrix: **SO**

Sample Team: MHL/E77

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
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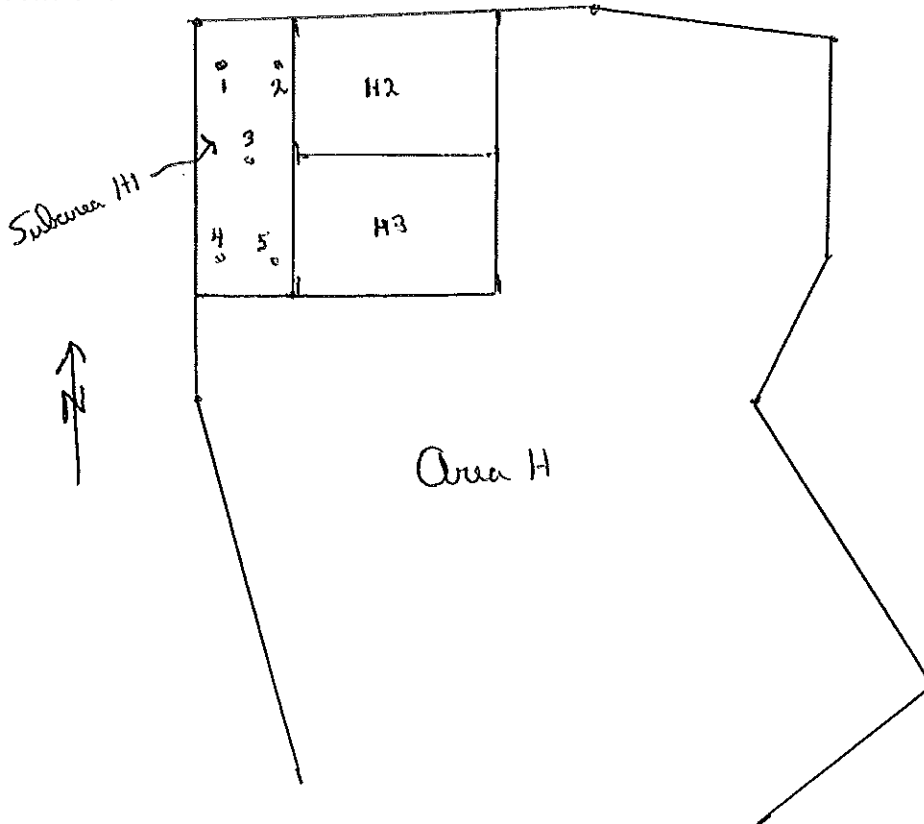
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect a five point composite sample @ pre-surveyed excavation locations @ 1' bgs

Sketch Location:



Logged BY / Date: MHL 24 Mar 11

Reviewed BY / Date: E. McDonough 3/24/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-032411-MBLM

Location Code: **122H2F-1**

Task: **118166**

Sample Number: **PFG6090**

Collection Date: 22 Mar 11

Sample Name: **122H2F-1-SO-PFG6090-REG**

Collection Time: 1610

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MMB / EMM

Containers

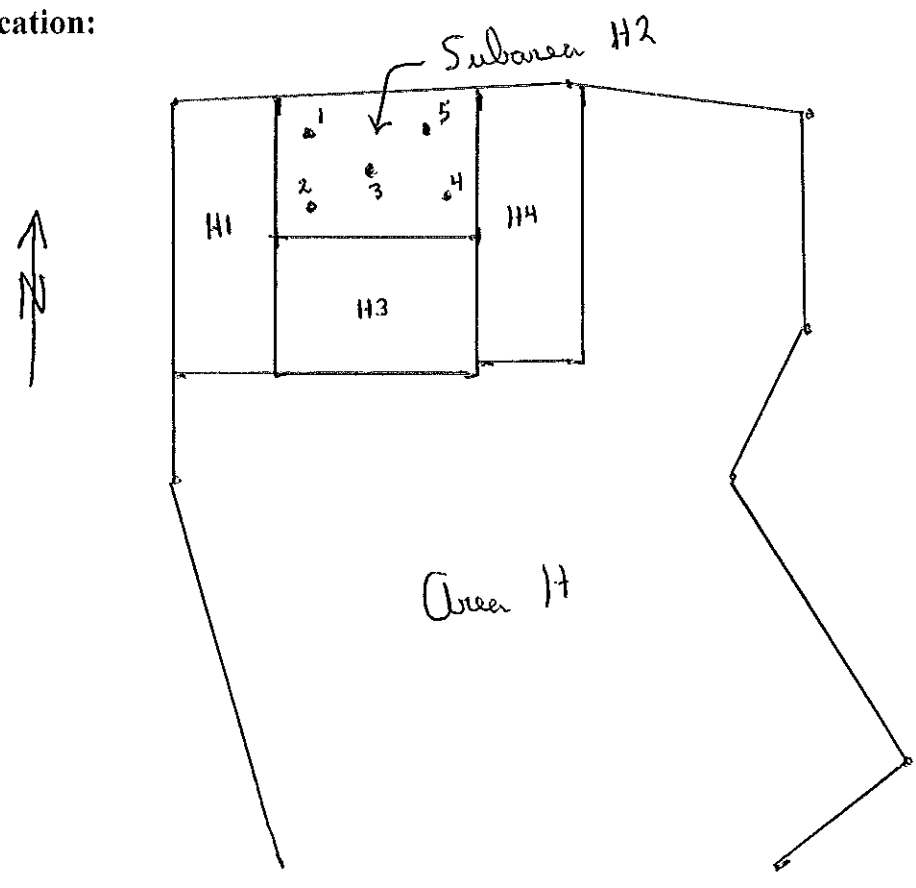
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:

Sacode: _____
 Lot Control#: _____

Comments: Collect a five point composite sample @ pre-surveyed expansion location @ 1' bgs

Sketch Location:



Logged BY / Date: MMB / 22 Mar 11

Reviewed BY / Date: E. McDonough 3/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032411-MBLM

Location Code: **122H3F-1**

Task: **118166**

Sample Number: **PFG6091**

Collection Date: 24 Mar 11

Sample Name: **122H3F-1-SO-PFG6091-REG**

Collection Time: 0750

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MMB / EMM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

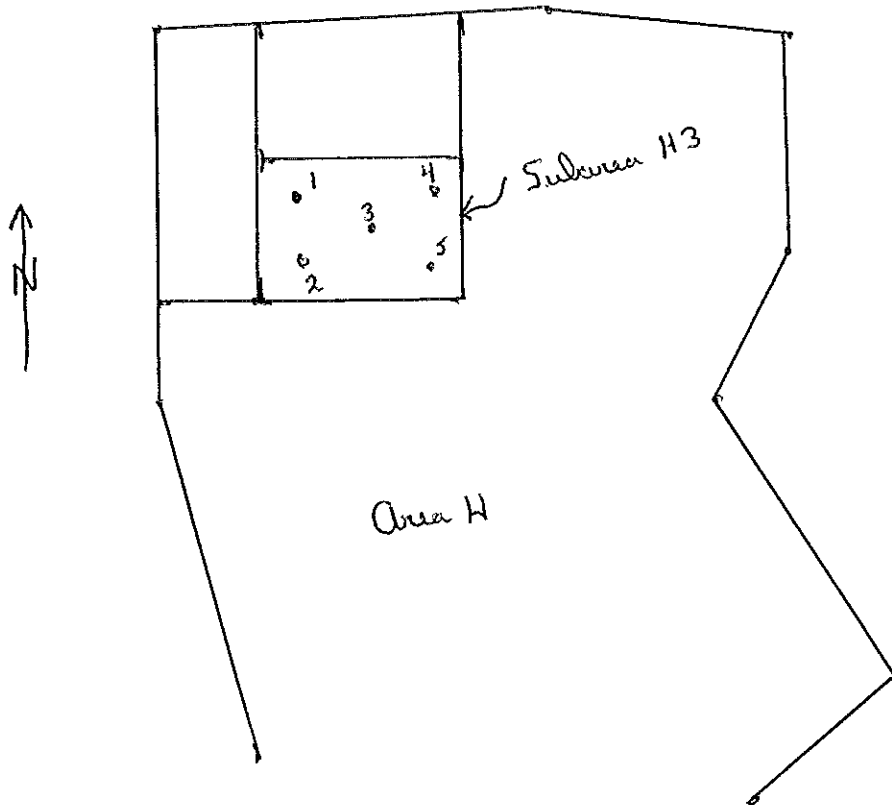
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect a five point composite sample @ pre-recovered ~~at~~ excavation location @ 1' bgs

Sketch Location:



Logged BY / Date: MMB / 24 Mar 11

Reviewed BY / Date: E McDonough 3/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032411-MBLM

Location Code: **122H4F-1**

Task: **118166**

Sample Number: **PFG6092**

Collection Date: 22 Mar 11

Sample Name: **122H4F-1-SO-PFG6092-REG**

Collection Time: 1445

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJ/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

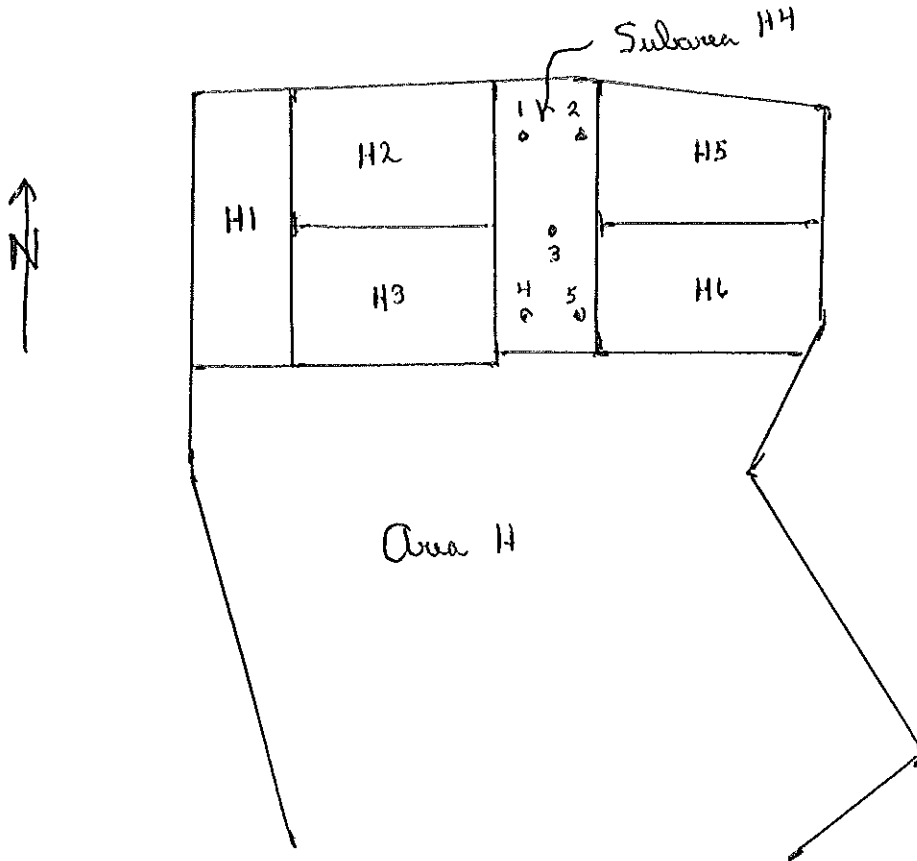
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect a five point composite sample @ pre-surveyed excavation locations @ 1' bgs

Sketch Location:



Logged BY / Date: M. J. Koelsch / 22 Mar 11

Reviewed BY / Date: E. McDonough / 3/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032211-MBLM

Location Code: **122H5F-1**

Sample Number: **PFG6093**

Sample Name: **122H5F-1-SO-PFG6093-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: SS spoon, bowl, sieve

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 21 Mar 11

Collection Time: 1315

Start Depth: 1' bgs

End Depth: 1' bgs

Sample Matrix: **SO**

Sample Team: MJ/EM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

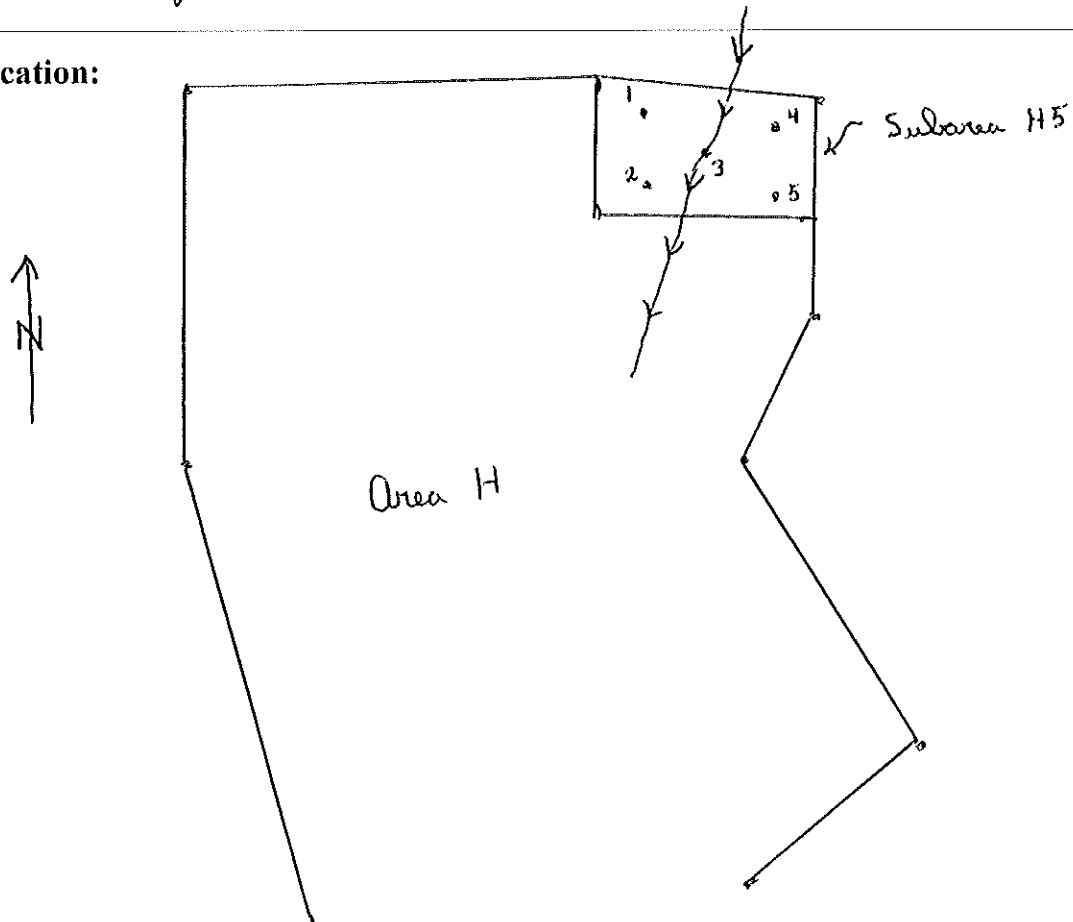
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected five point composite sample from pre-surveyed location on excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MJ / 21 Mar 11

Reviewed BY / Date: E. McDonough / 3/23/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032211-MBLM

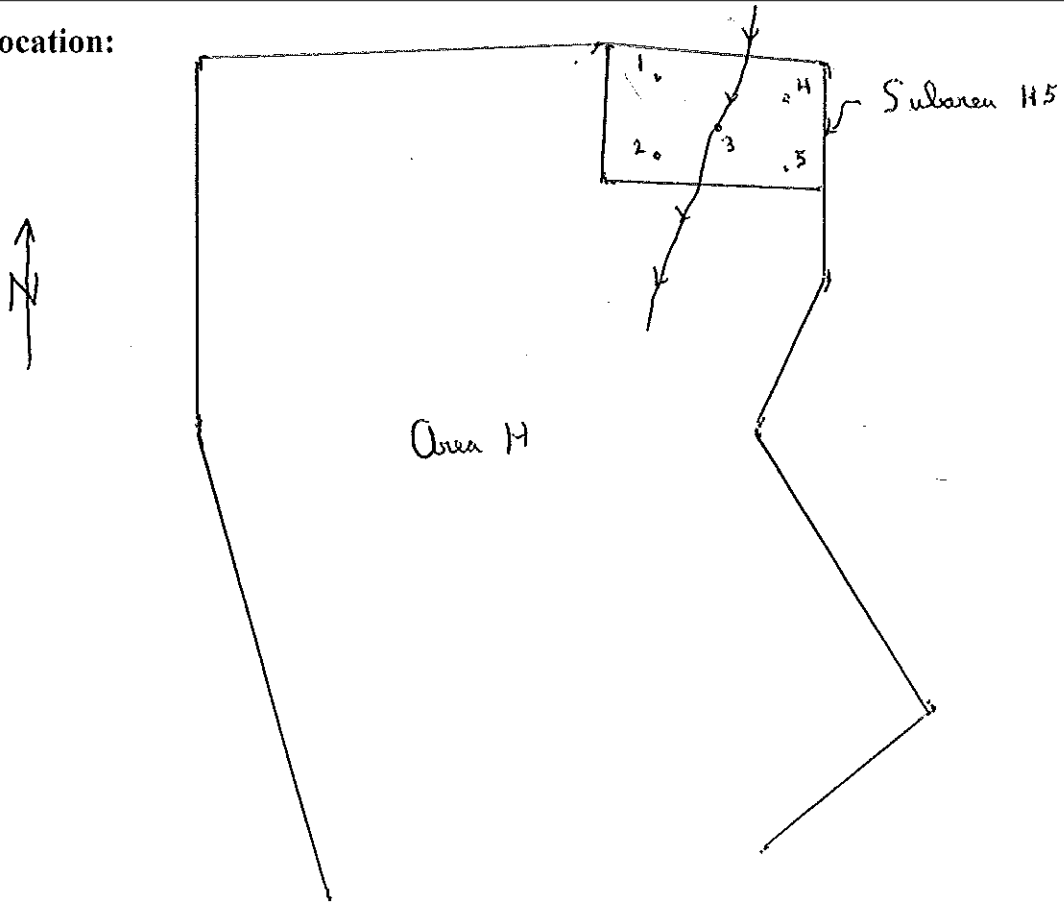
Location Code: 122H5F-1 Task: 118166
 Sample Number: PFG6094 Collection Date: 21 Mar 11
 Sample Name: 122H5F-1-SO-PFG6094-FD Collection Time: 1315
 Sampling Method: HA Start Depth: 1' bgs
 Sample Type: DS Sample Purpose: FD End Depth: 1' bgs
 Sampling Equip: SS spoon, bowl, sieve Sample Matrix: SO
 QC Partners: _____ Sample Team: MJR/EM
 (TB) _____ (ER) _____ (FB) _____

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collect five point composite sample from pre-surveyed location on excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MJR / 21 Mar 11

Reviewed BY / Date: E. McDonough 3/23/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032211- MBLBM

Location Code: **122H6F-1**

Sample Number: **PFG6095**

Sample Name: **122H6F-1-SO-PFG6095-REG**

Sampling Method: **HA**

Sample Type: **DS**

Sample Purpose: **REG**

Sampling Equip: SS spoon, bowl, sieve

QC Partners:

(TB)

(ER)

(FB)

Task: **118166**

Collection Date: 21 Mar 11

Collection Time: 1300

Start Depth: 1' bgs

End Depth: 1' bgs

Sample Matrix: **SO**

Sample Team: 7777 / E77

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ARSENIC-MERCURY N A 1 2 oz CWM

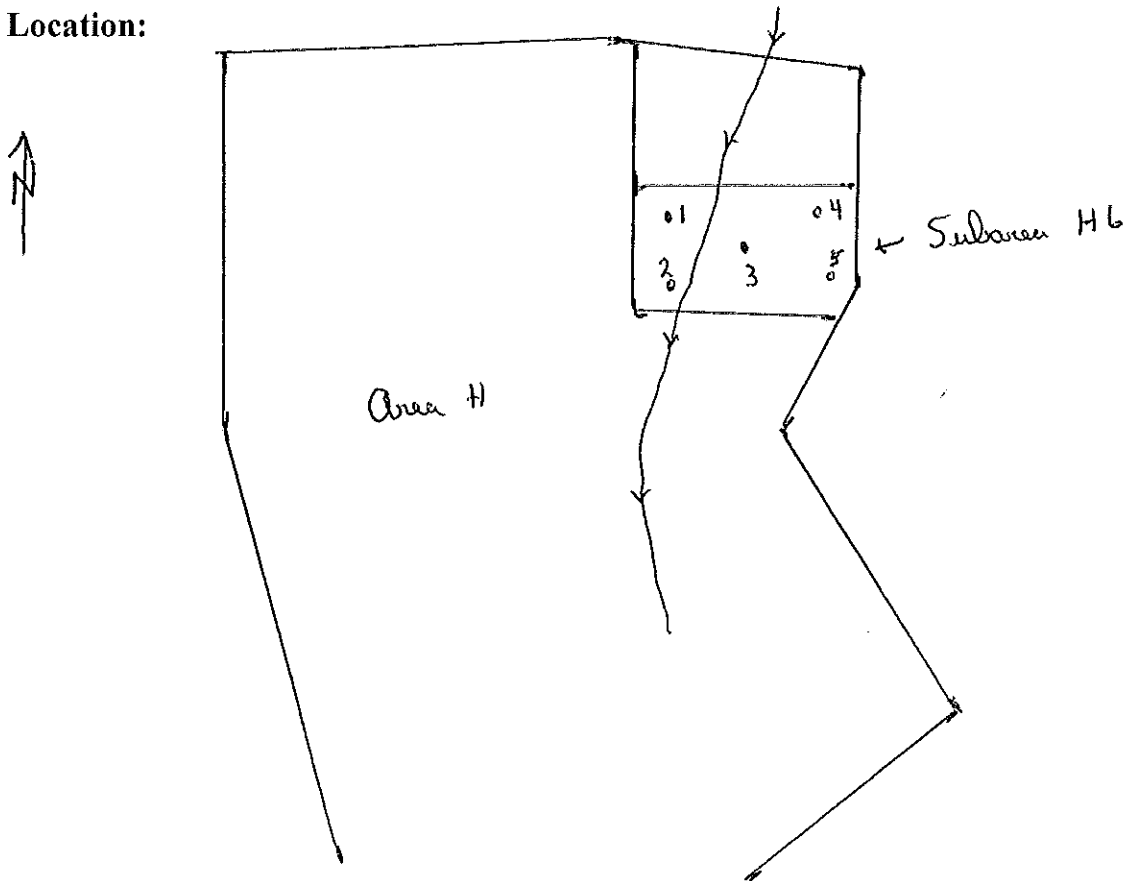
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from five pre-surveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: M. Koelsch / 21 Mar 11

Reviewed BY / Date: E. McDonough 3/22/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-033111-S-MBLM

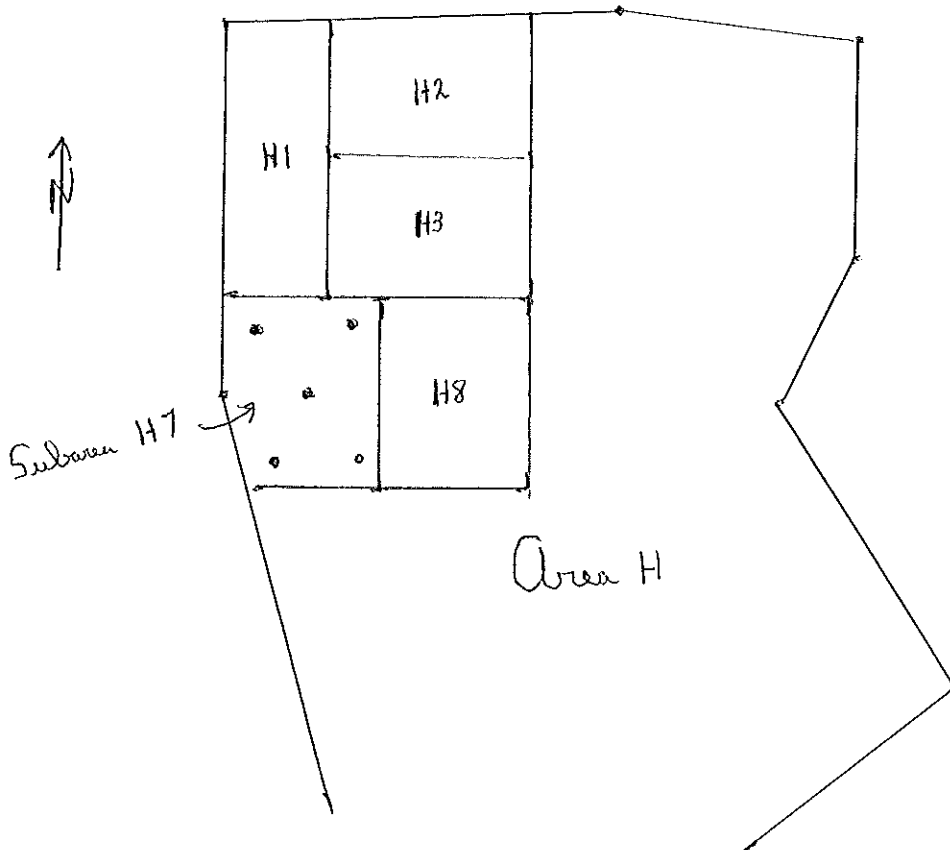
Location Code: **122H7F-1** Task: **118166**
 Sample Number: **PFG6096** Collection Date: 29 Mar 11
 Sample Name: **122H7F-1-SO-PFG6096-REG** Collection Time: 1145
 Sampling Method: **HA** Start Depth: 1 bgs
 Sample Type: **DS** Sample Purpose: **REG** End Depth: 1 bgs
 Sampling Equip: SS spoon, shovel, sieve Sample Matrix: **SO**
 QC Partners: (TB) (ER) (FB) Sample Team: MMJ

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Composite of five pre-surveyed sample locations in the excavator @ 1' bgs

Sketch Location:



Logged BY / Date: MMJ 29 Mar 11

Reviewed BY / Date: E. McDonough 4/2/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-033111-S-MBLM

Location Code: **122H8F-1**

Task: **118166**

Sample Number: **PFG6097**

Collection Date: 29 Mar 11

Sample Name: **122H8F-1-SO-PFG6097-REG**

Collection Time: 1200

Sampling Method: **HA**

Start Depth: 1 bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1 bgs

Sampling Equip: 55 spin, bowl, mix

Sample Matrix: **SO**

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MJL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

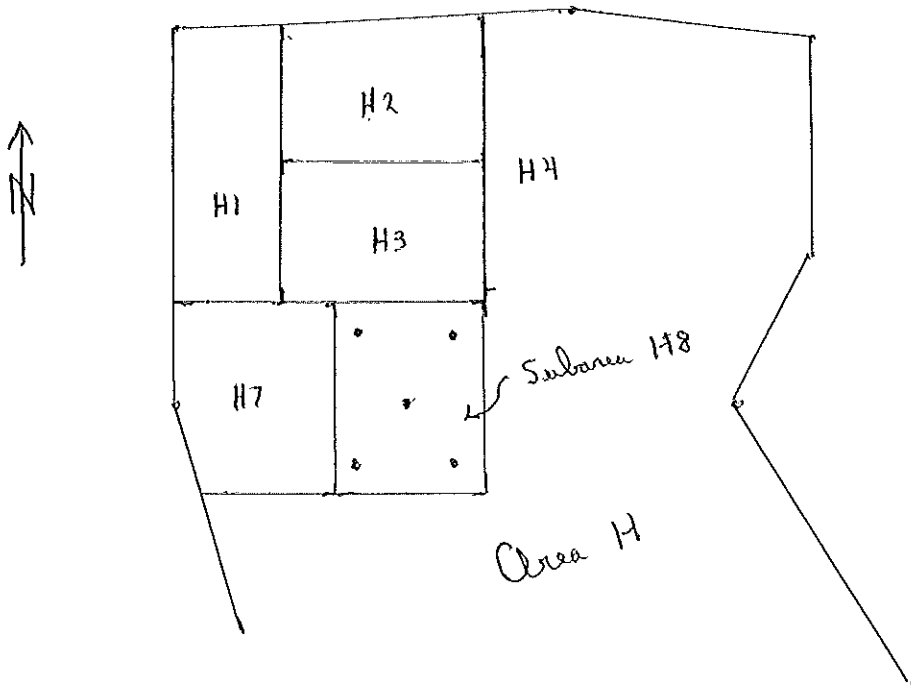
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five pre-surveyed sample locations in the excavation @ 1' bgs

Sketch Location:



Logged BY / Date: MJL 29 Mar 11

Reviewed BY / Date: E. McDonough 4/2/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032411 - MBLM

Location Code: **122H9F-1**

Task: **118166**

Sample Number: **PFG6098**

Collection Date: 22 Mar 11

Sample Name: **122H9F-1-SO-PFG6098-REG**

Collection Time: 1540

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, shovel, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MMJ / EMM

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

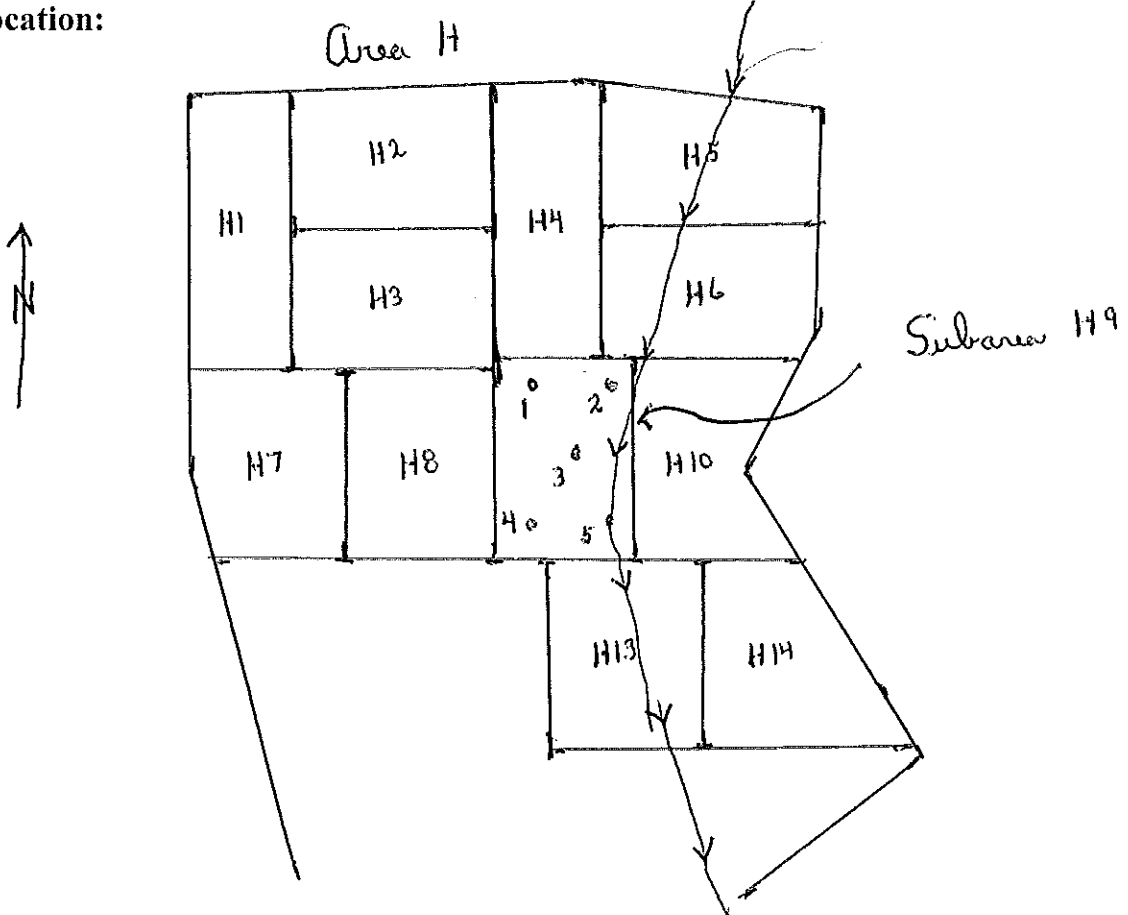
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect a five point composite sample @ pre-surveyed excavation locations @ 1' bgs

Sketch Location:



Logged BY / Date: MMJ / 22 Mar 11

Reviewed BY / Date: E. McDonough 3/24/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122 - 032411 - MBLM

Location Code: 122H9F-1

Task: 118166

Sample Number: PFG6098-MS

Collection Date: 22 Mar 11

Sample Name: 122H9F-1-SO-PFG6098-MS

Collection Time: 1540

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: MS

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MJA/EM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

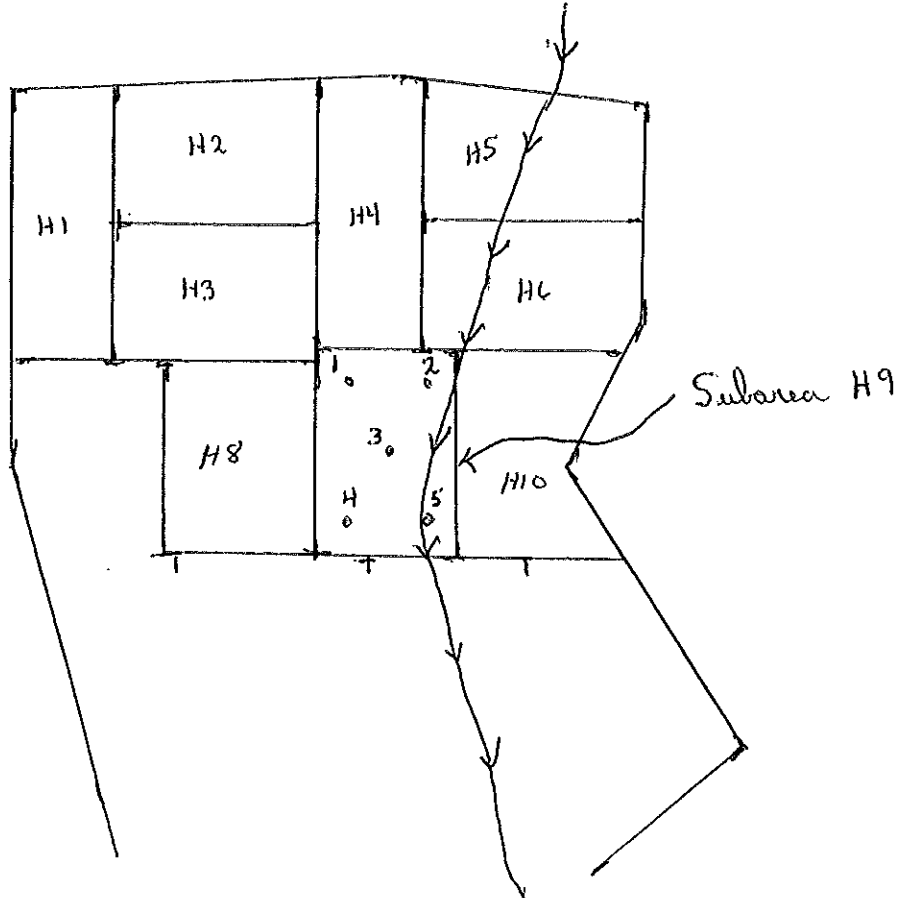
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect a fine point composite sample @ pre-surveyed excavation locations @ 1' bgs

Sketch Location:



Logged BY / Date: MJA / 22 Mar 11

Reviewed BY / Date: J. McDonough 3/24/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032411-MBLM

Location Code: 122H9F-1

Task: 118166

Sample Number: PFG6098-MSD

Collection Date: 22 Mar 11

Sample Name: 122H9F-1-SO-PFG6098-MSD

Collection Time: 1540

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: MSD

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

Sample Team: MML/EM

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

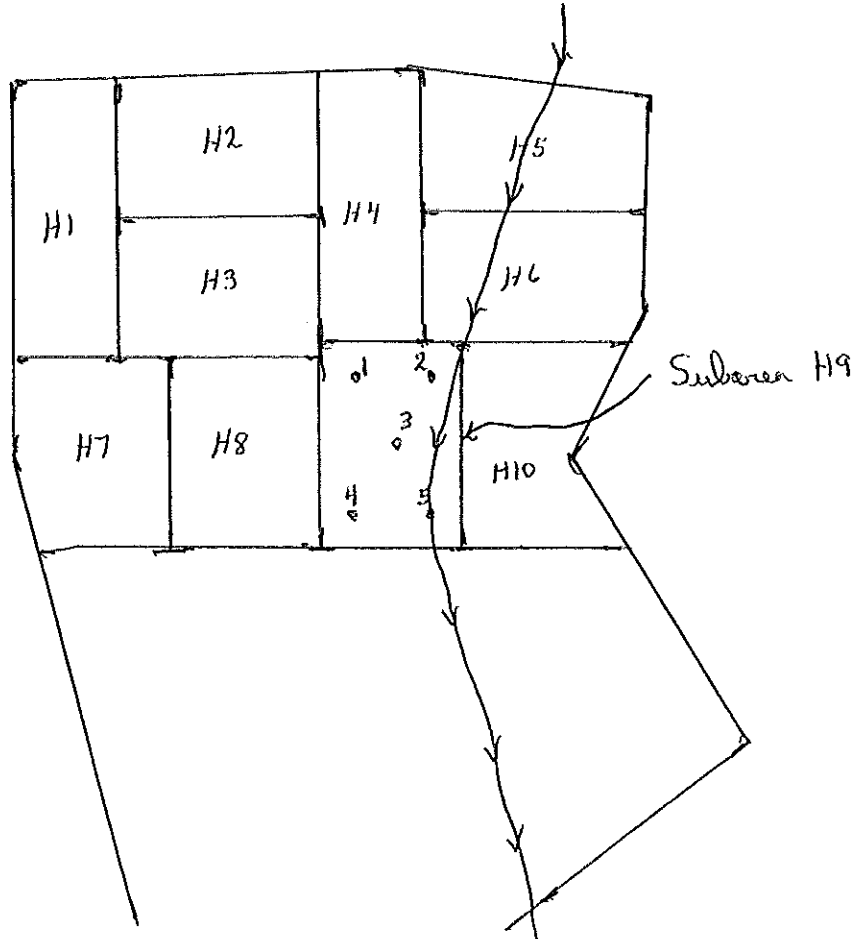
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collect a five point composite sample @ pre-surveyed excavation location @ 1' bgs

Sketch Location:



Logged BY / Date: MML / 22 Mar 11

Reviewed BY / Date: E. McDonough / 3/24/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032211-MBLM

Location Code: **122H10F-1**

Task: **118166**

Sample Number: **PFG6078**

Collection Date: 21 Mar 11

Sample Name: **122H10F-1-SO-PFG6078-REG**

Collection Time: 1250

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MM/E 777

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

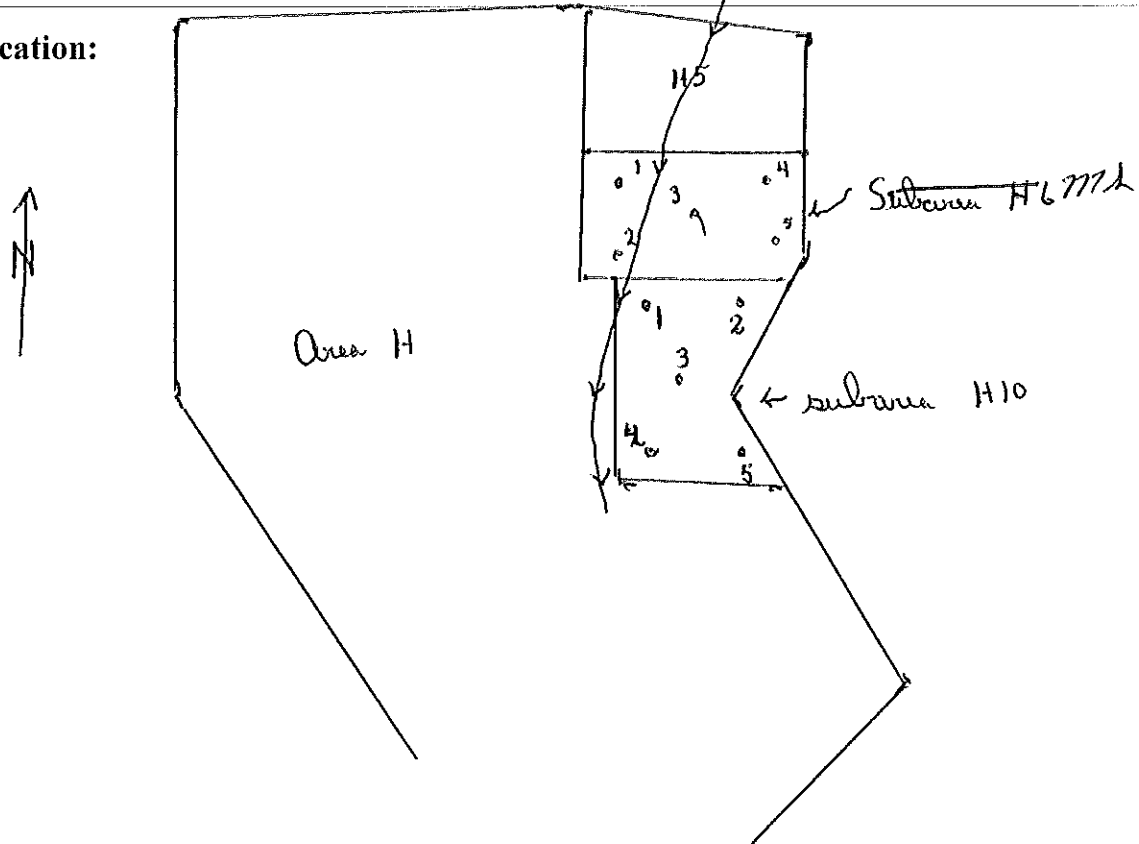
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected five point composite sample from five pre-surveyed location on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM / 21 Mar 11

Reviewed BY / Date: E. McDonough 3/23/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-0406A.11-S-MBLM

Location Code: 122H11F-1

Task: 118166

Sample Number: PFG6079

Collection Date: 5 April 11

Sample Name: 122H11F-1-SO-PFG6079-REG

Collection Time: 1520

Sampling Method: HA

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SO

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: 777 & E777

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

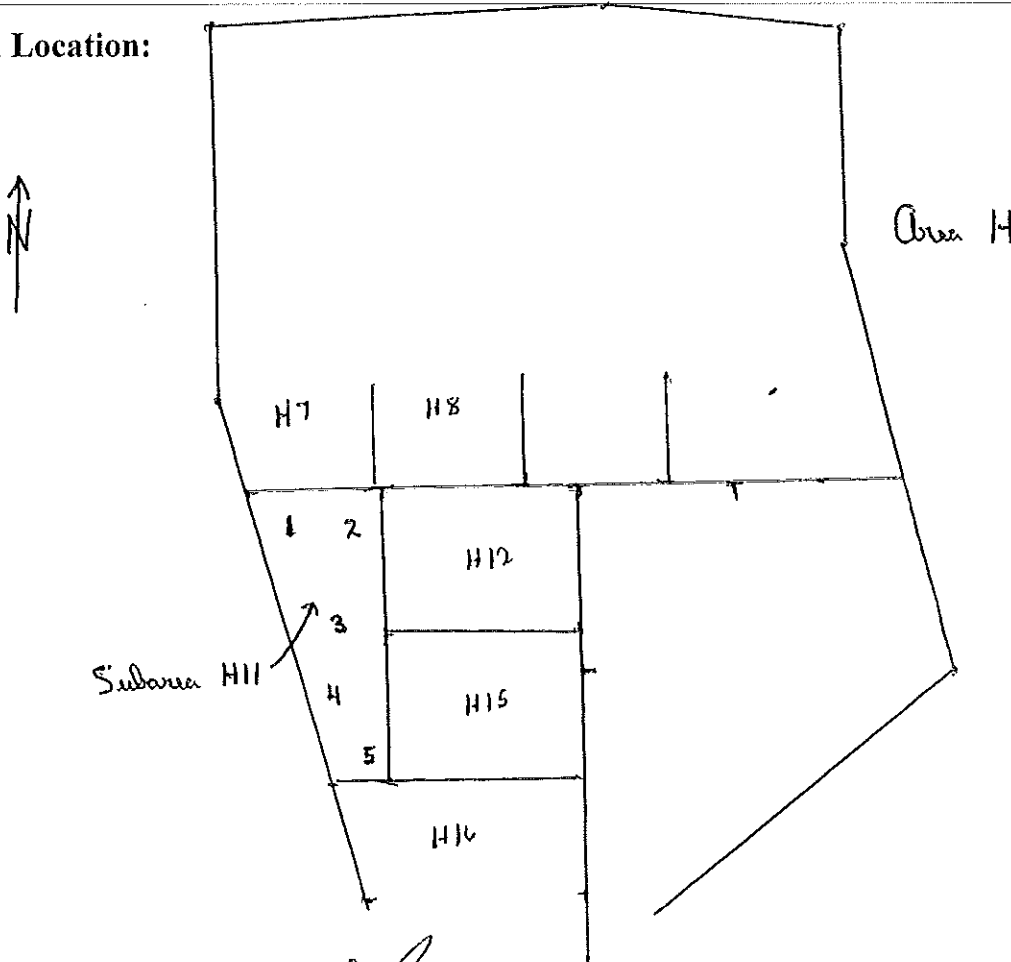
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected a five point composite sample @ preserved sample locations on the excavation floor

Sketch Location:



Logged BY / Date: MAL 5 April 11

Reviewed BY / Date: E. McDonough 4/12/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-MBLM

Location Code: **122H12F-1**

Task: **118166**

Sample Number: **PFG6080**

Collection Date: 2 Apr 11

Sample Name: **122H12F-1-SO-PFG6080-REG**

Collection Time: 1245

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: 55 spec, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJ/EJM

(EB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

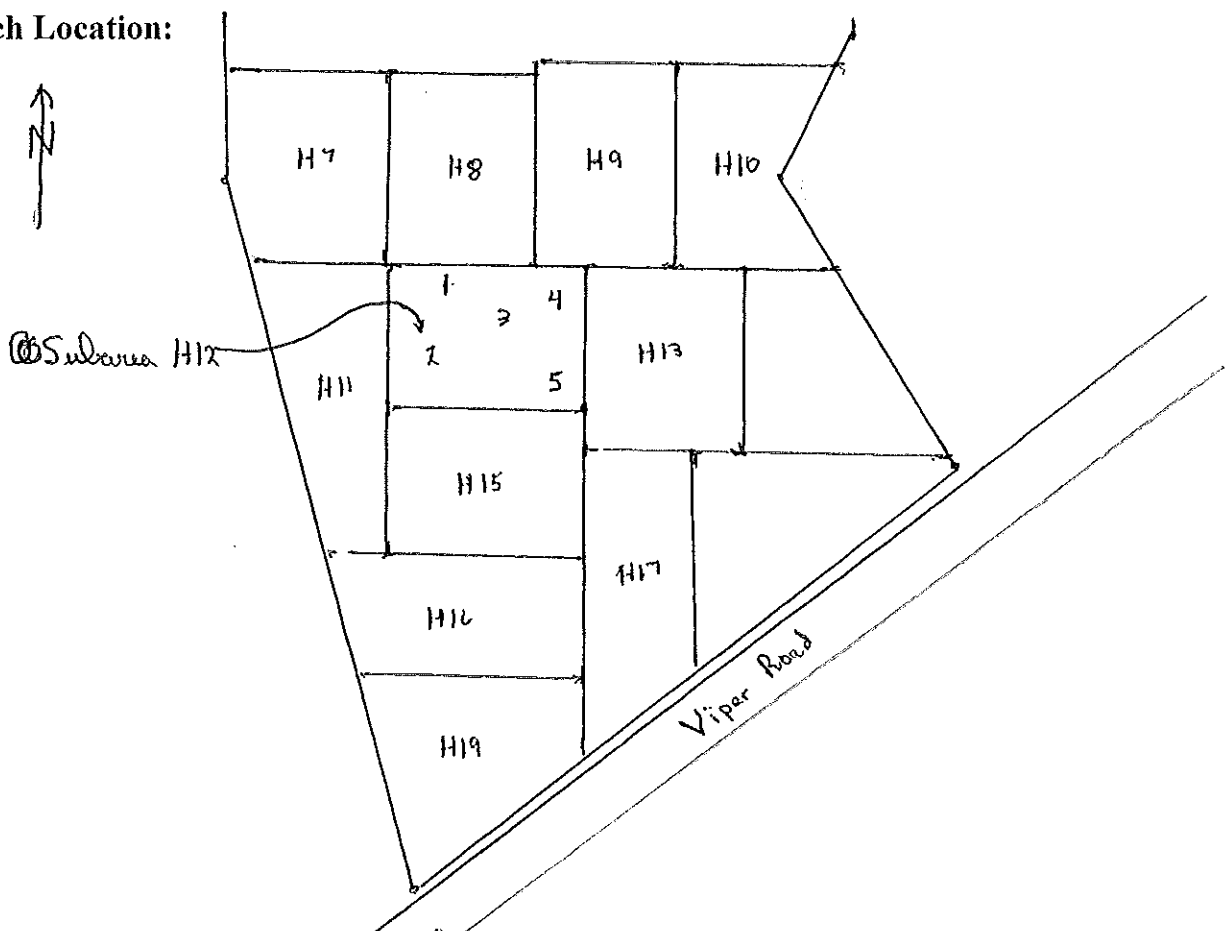
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected five point composite sample @ preservey locations on the excavation floor

Sketch Location:



Logged BY/ Date: MJ 2 Apr 11

Reviewed BY/ Date: E. McDonough 4/12/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-MBLM

Location Code: **122H13F-1**

Task: **118166**

Sample Number: **PFG6081**

Collection Date: 2 Apr 2011

Sample Name: **122H13F-1-SO-PFG6081-REG**

Collection Time: 1215

Sampling Method: **HA**

Start Depth: 1 bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1 bgs

Sampling Equip: 55 spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MMH/EM

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

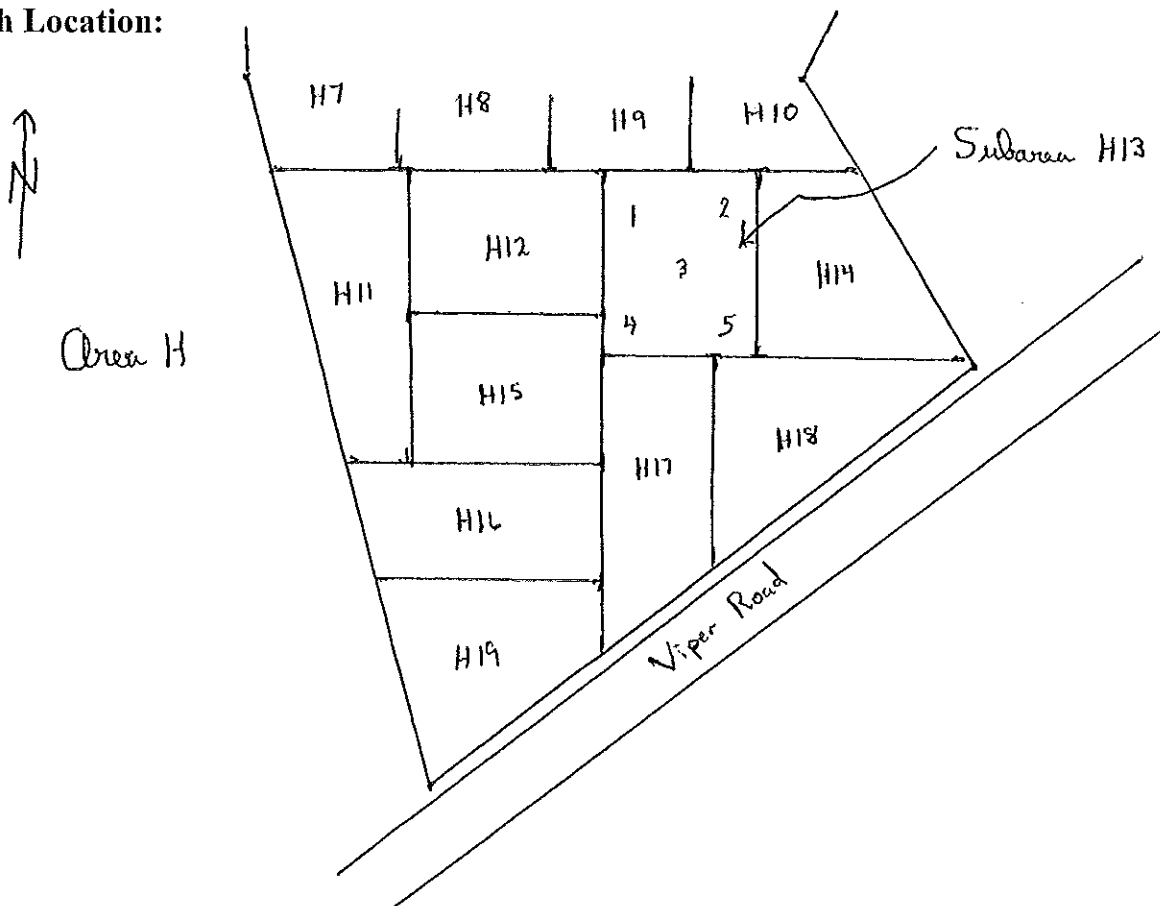
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collected five point composite sample @ presurvey locations on the excavation floor

Sketch Location:



Logged BY / Date: MMH 2 Apr 11

Reviewed BY / Date: E. McDonough 4/12/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032211-MBLM

Location Code: **122H14F-1**

Task: **118166**

Sample Number: **PFG6082**

Collection Date: 21 Mar 11

Sample Name: **122H14F-1-SO-PFG6082-REG**

Collection Time: 0810

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: 7779 / E 777

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

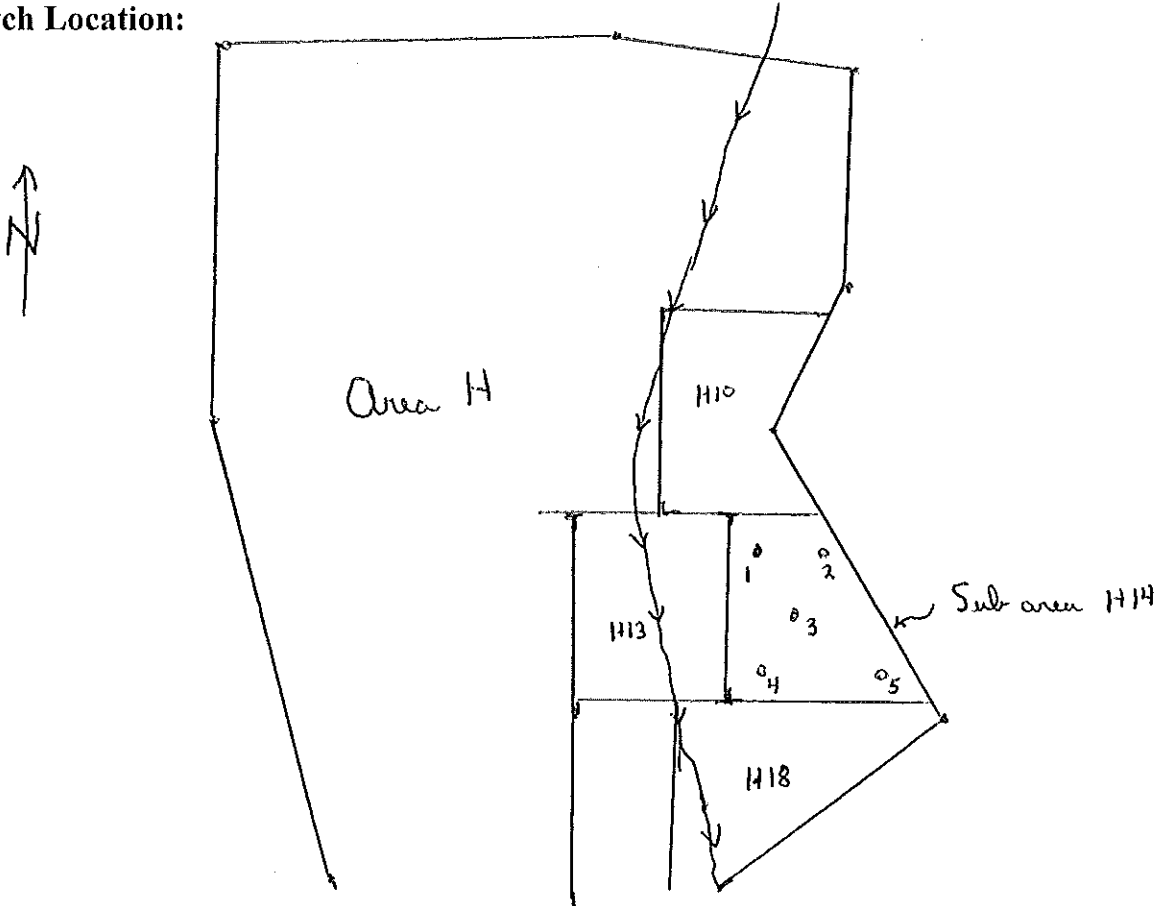
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected five point composite sample from five pre-surveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: 7779 / 21 Mar 11

Reviewed BY / Date: E. McDonough 3/23/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-MBLM

Location Code: **122H15F-1**

Task: **118166**

Sample Number: **PFG6083**

Collection Date: 5 April 11

Sample Name: **122H15F-1-SO-PFG6083-REG**

Collection Time: 1555

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MA/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

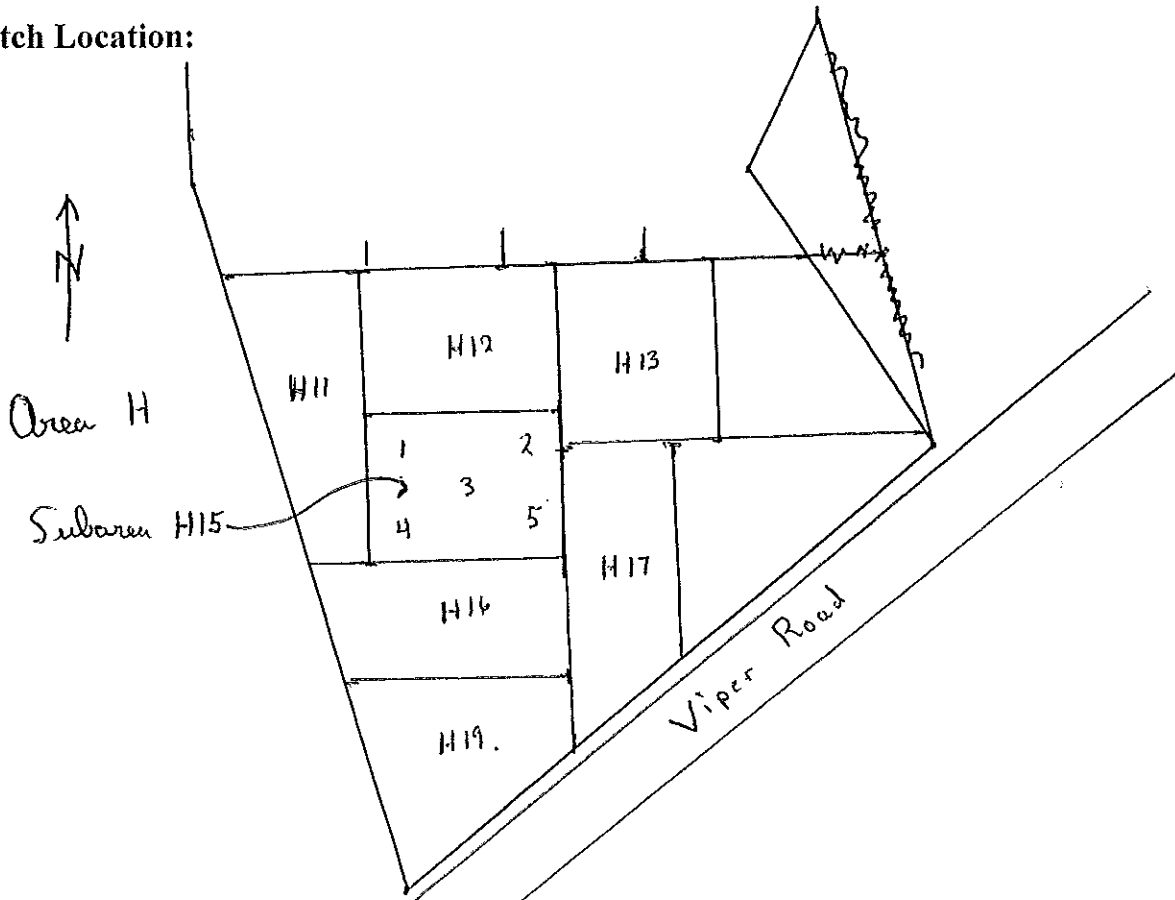
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected a five point composite sample @ presurveyed sample locations on the excavation floor

Sketch Location:



Logged BY / Date: MA 5 Apr 11

Reviewed BY / Date: E. McDonough 4/12/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-MBLM

Location Code: **122H15F-1**

Task: **118166**

Sample Number: **PFG6084**

Collection Date: 5 Apr 11

Sample Name: **122H15F-1-SO-PFG6084-FD**

Collection Time: 1555

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **FD**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MMK/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

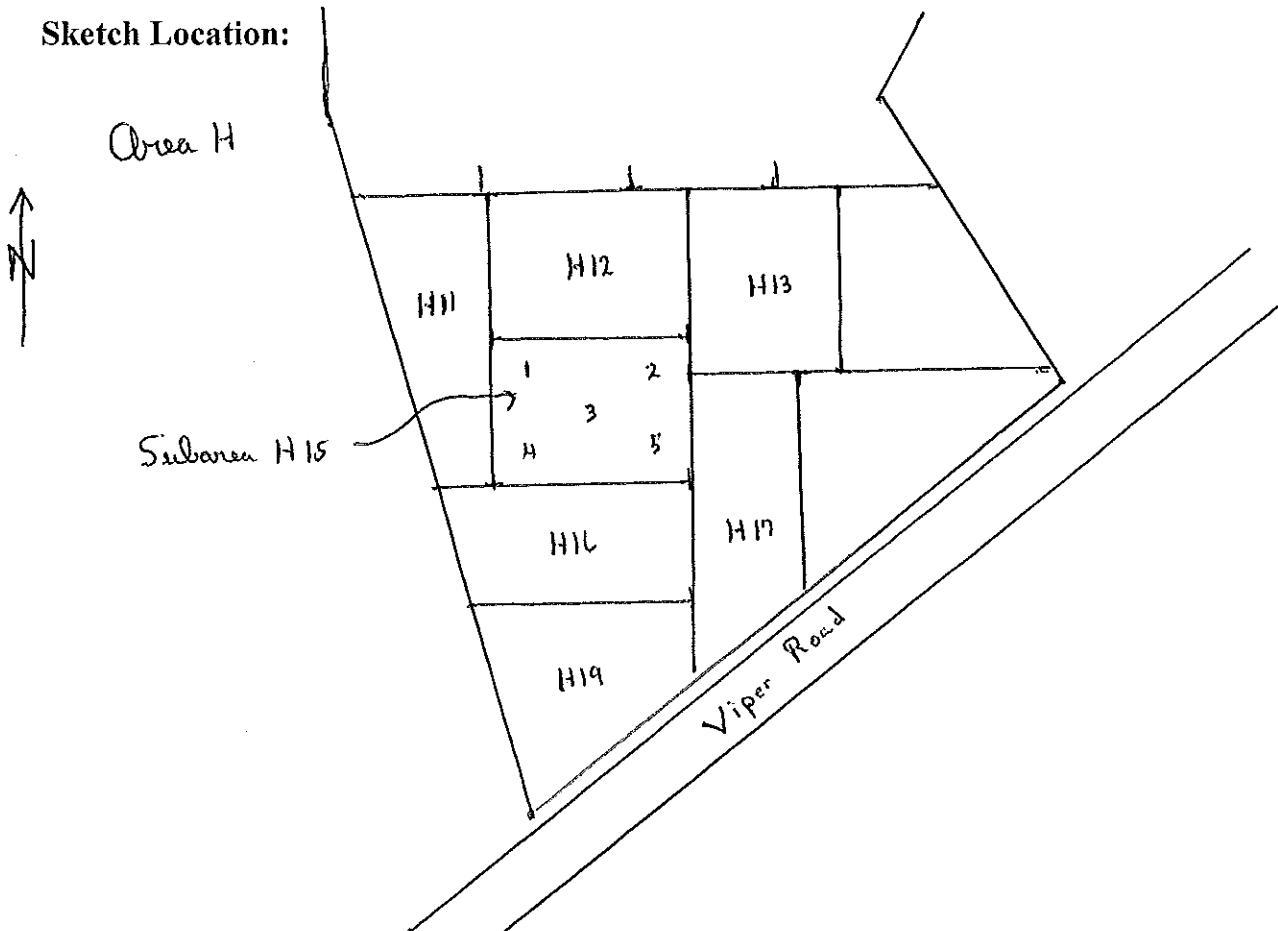
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected a five point composite sample @ preserved sample locations on the excavation floor

Sketch Location:



Logged BY / Date: MMK 5 Apr 11

Reviewed BY / Date: E. McDonough 4/12/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-M BLM

Location Code: **122H16F-1**

Task: **118166**

Sample Number: **PFG6085**

Collection Date: 5 Apr 11

Sample Name: **122H16F-1-SO-PFG6085-REG**

Collection Time: 1535

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MMB/EM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

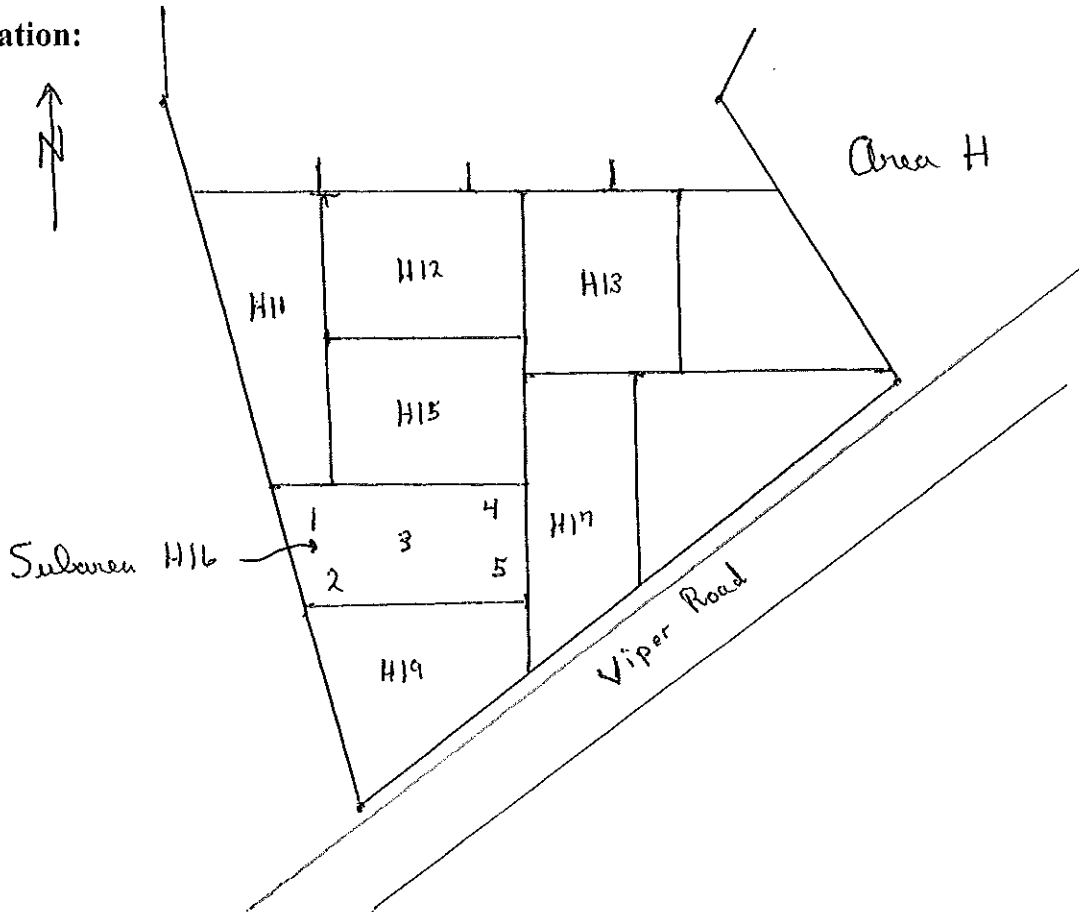
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: collected a five point composite sample @ presurvey sample location on the excavation floor.

Sketch Location:



Logged BY / Date: MMB 5 Apr 11

Reviewed BY / Date: E. McDonough 4/12/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-MBLM

Location Code: **122H17F-1**

Task: **118166**

Sample Number: **PFG6086**

Collection Date: 2 Apr 11

Sample Name: **122H17F-1-SO-PFG6086-REG**

Collection Time: 1205

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MB/EM

(FB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

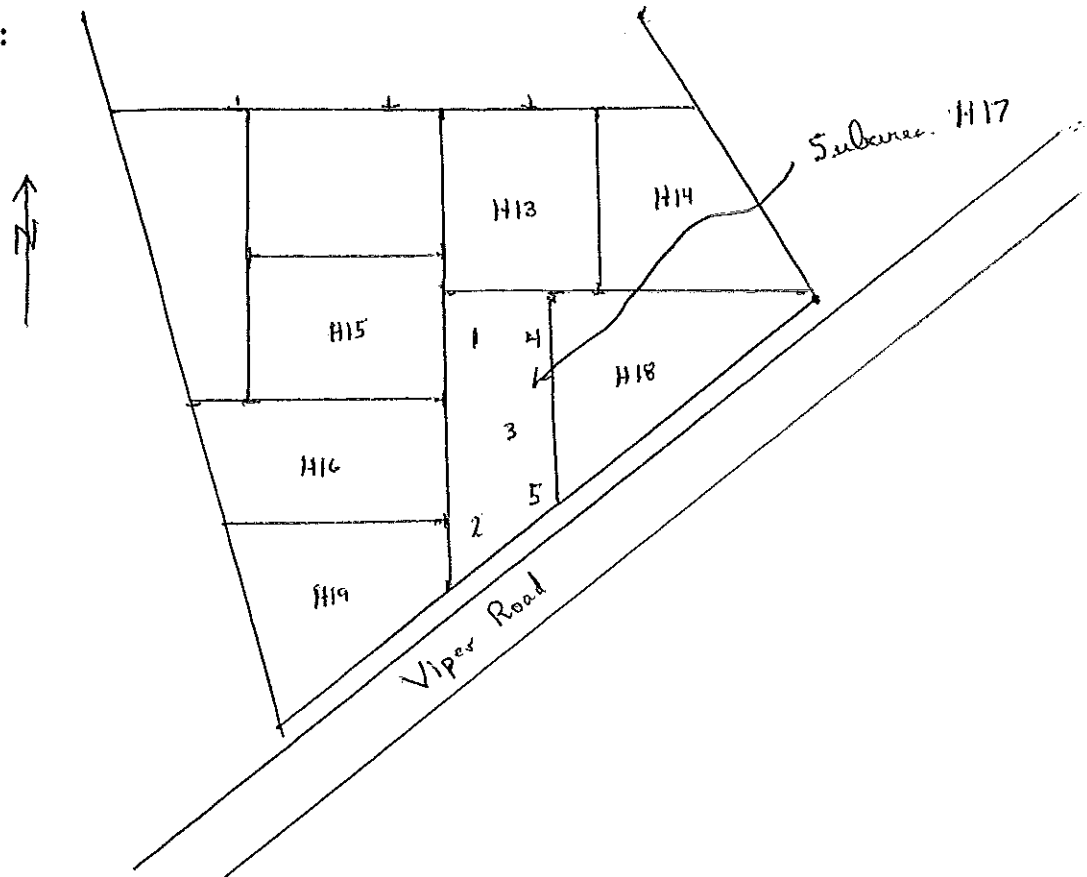
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect a five point composite sample @ presurveyed locations on the excavation floor

Sketch Location:



Logged BY/ Date: M.H.L. 2 Apr 11

Reviewed BY/ Date: E. McDonough 4/12/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-032211-MBLM

Location Code: **122H18F-1**

Task: **118166**

Sample Number: **PFG6087**

Collection Date: 18 7/7/11

Sample Name: **122H18F-1-SO-PFG6087-REG**

Collection Time: 1520

Sampling Method: **HA**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: 777M / E 777

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

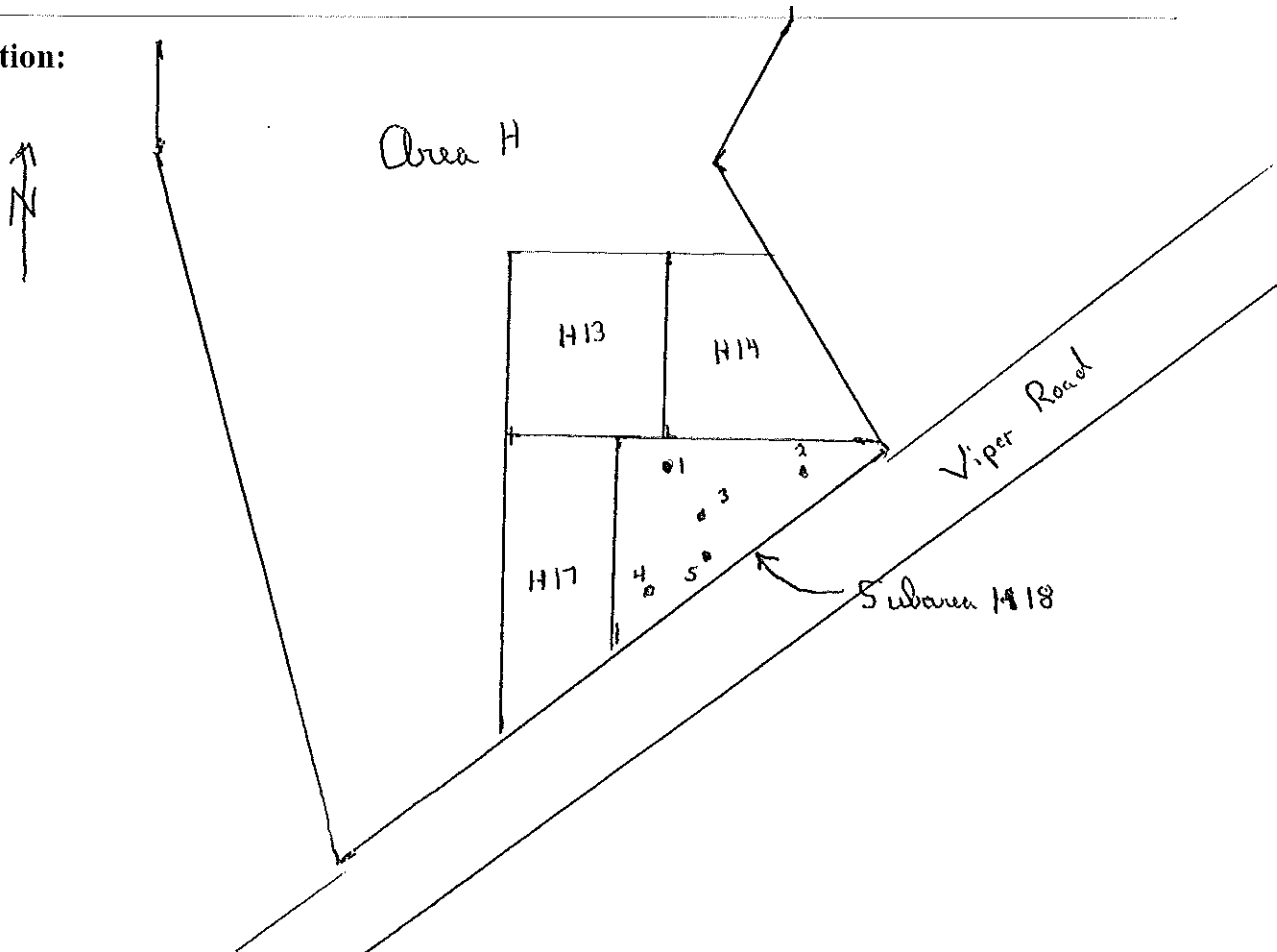
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from five presumed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: 777M / 18 7/7/11

Reviewed BY / Date: E. McDonough 3/23/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03172011-S-MB

Location Code: **122H19F-1**

Task: **118166**

Sample Number: **PFG6088**

Collection Date: 16 Mar 11

Sample Name: **122H19F-1-SO-PFG6088-REG**

Collection Time: 1630

Sampling Method: **HA**

Start Depth: 1'

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1'

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SO**

QC Partners:

Sample Team: MJ/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

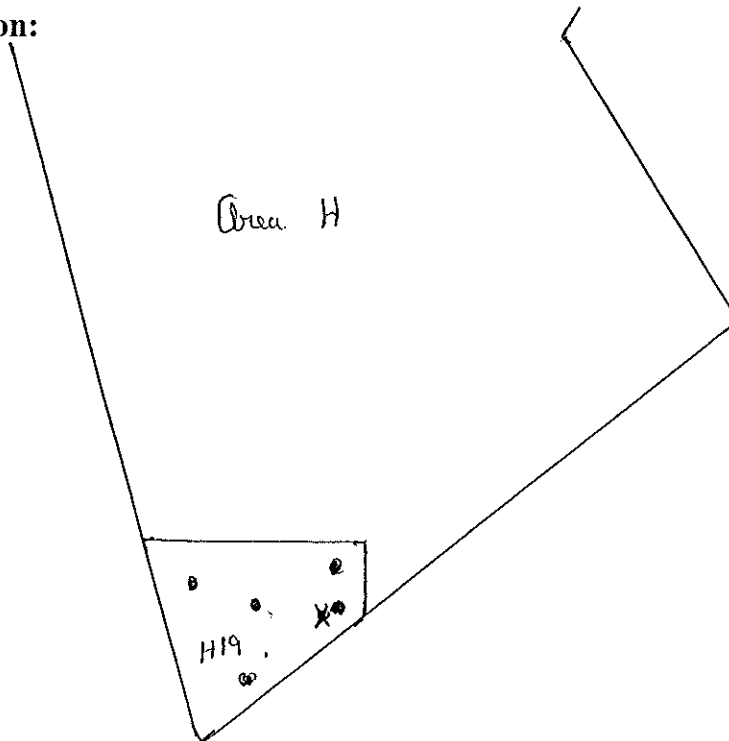
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of 5 pre-surveyed sample points, from 1' bgs, location HP-4 was moved to due to ~~so~~ culvert

Sketch Location:



Logged BY / Date: MJ/EM / 16 Mar 11 Reviewed BY / Date: E. McDonough 3/19/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-MBLM

Location Code: 122HCOMP-01

Task: 118166

Sample Number: PFG6110A

Collection Date: 5 Apr 11

Sample Name: 122HCOMP-01-DS-PFG6110A-REG

Collection Time: 1555

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MJL/EM

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

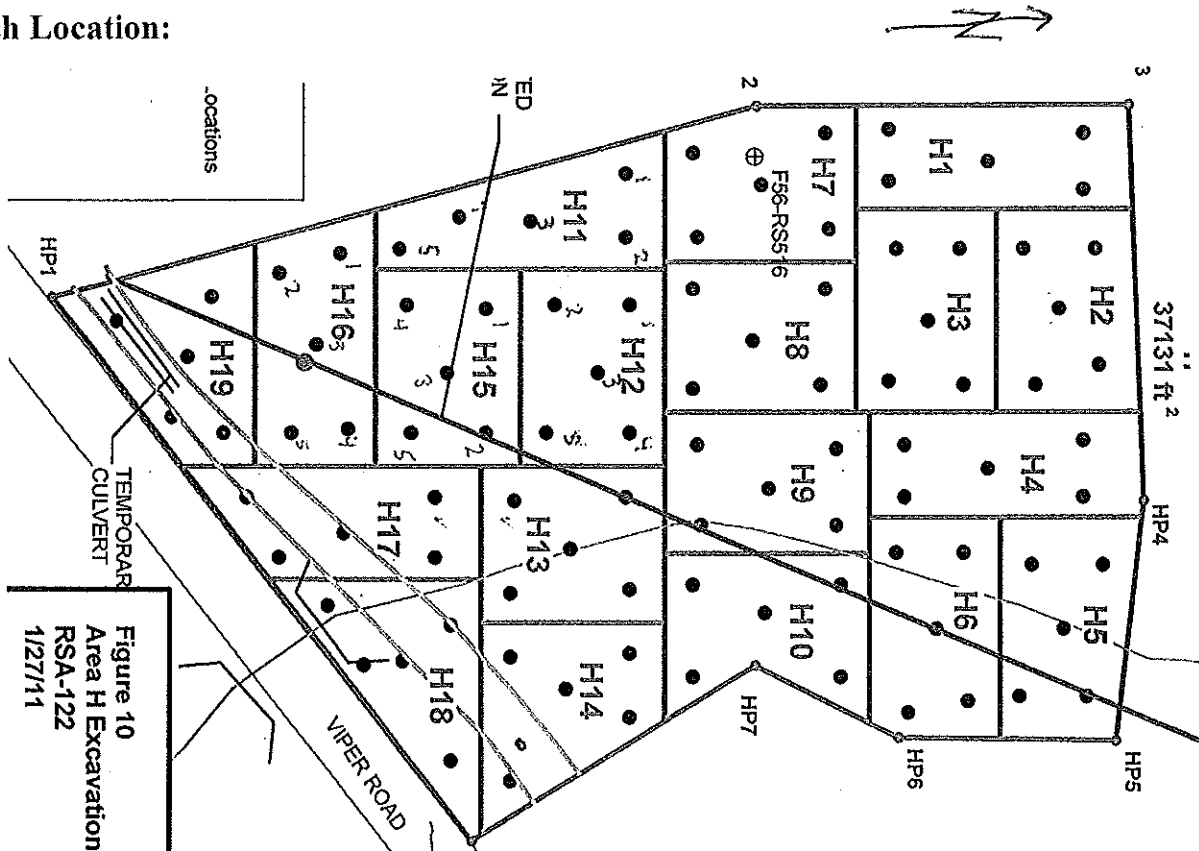
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composited 19 fine point composite samples from presurveyed sample locations on the excavation floor

Sketch Location:



Logged BY / Date: MJL 5 Apr 11

Reviewed BY / Date: E. McDonough 4/12/11

Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-MBLM

Location Code: **122HCOMP-01**

Task: **118166**

Sample Number: **PFG6110B**

Collection Date: 5 Apr 11

Sample Name: **122HCOMP-01-DS-PFG6110B-REG**

Collection Time: 1555

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS**

Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: **SOIL**

QC Partners:

Sample Team: MJD/EMK

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

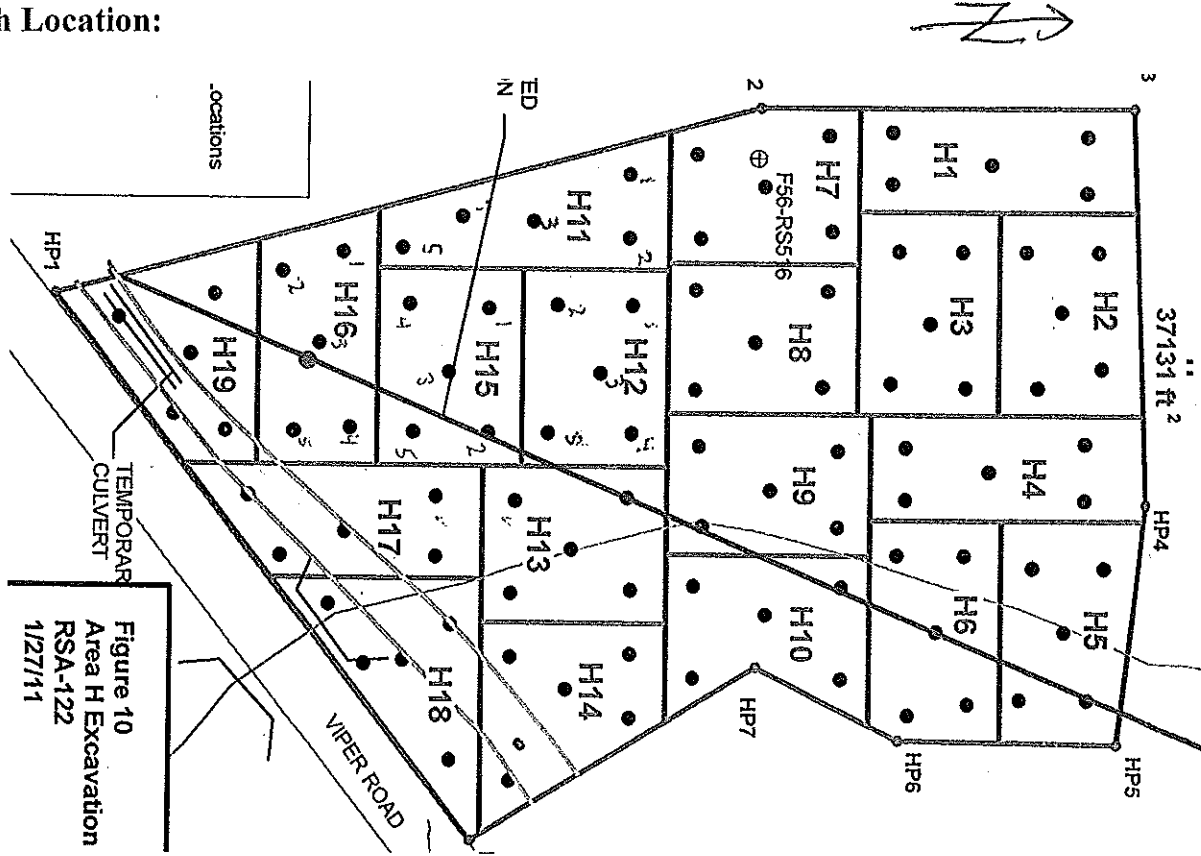
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composited 19 fine point composites @ presurveyed sample locations on the excavation floor

Sketch Location:



Logged BY/ Date: MJD / 5 Apr 11

Reviewed BY/ Date: E. McDonough 4/12/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-5-MBLM

Location Code: 122HCOMP-01

Task: 118166

Sample Number: PFG6110C

Collection Date: 5 Apr 11

Sample Name: 122HCOMP-01-DS-PFG6110C-REG

Collection Time: 1555

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spon, hand, sieve

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(EB)

Sample Team: MMB/ETM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composited 19 five point composite sample from presurveyed sample locations on the excavation floor

Sketch Location:

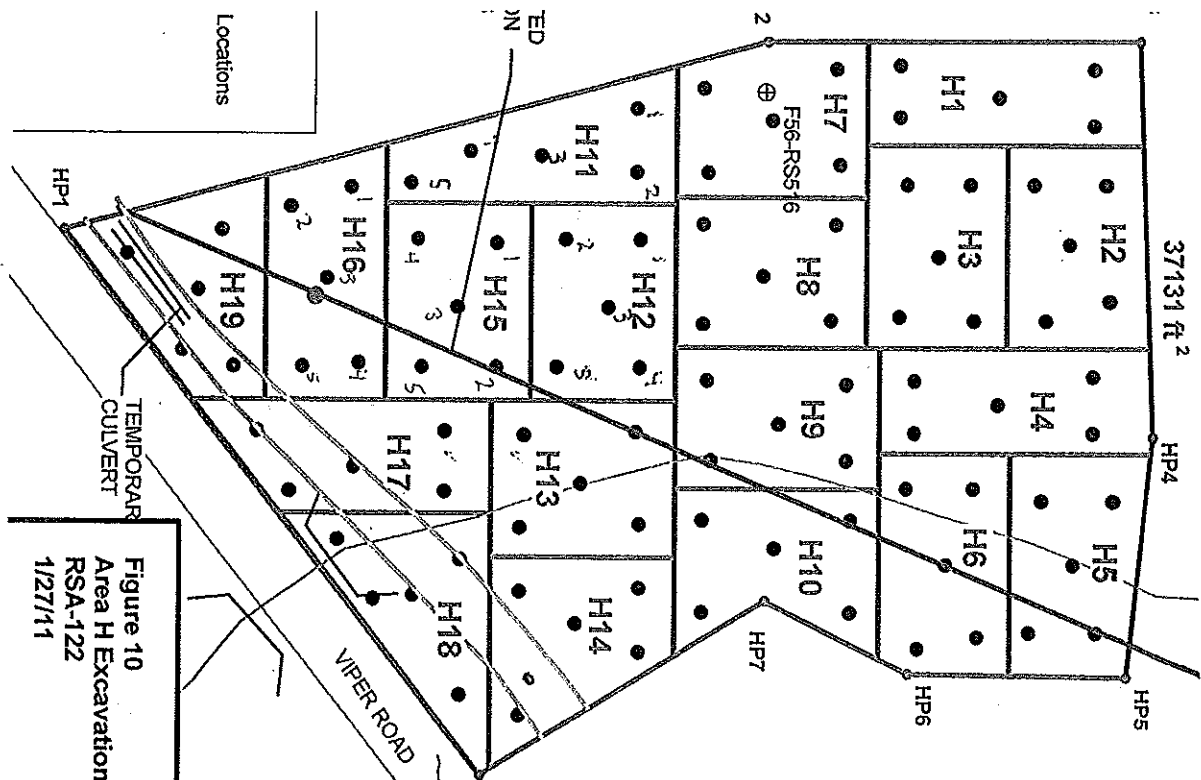


Figure 10
Area H Excavation
RSA-122
1/27/11

Logged BY / Date: MMB / 5 Apr 11

Reviewed BY / Date: E. McDonough / 4/12/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: 122-04272011-S-MBUM

Location Code: 122A1COMP-01

Task: 118166

Sample Number: PFG6102A

Collection Date: 9 Apr 11

Sample Name: 122A1COMP-01-DS-PFG6102A-REG

Collection Time: 0905

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

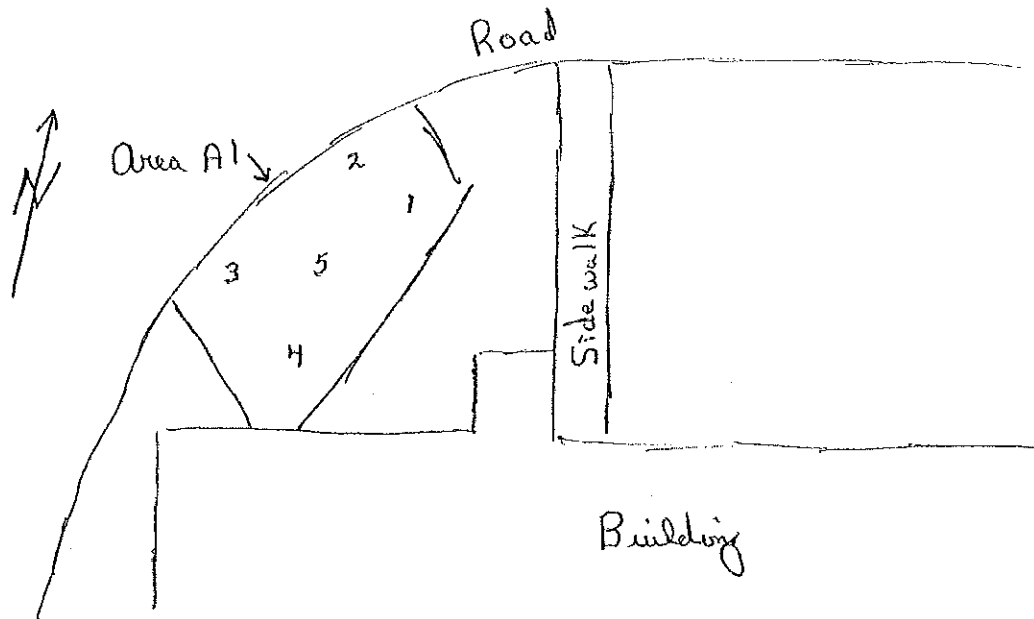
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from pre-surveyed location on the excavation floor @ 1' bgs

Sketch Location:



Logged BY/ Date: MM / 9 Apr 11

Reviewed BY/ Date: E. McDonough / 4-23-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: 122-04272011-S-MBLM

Location Code: 122A1COMP-01

Task: 118166

Sample Number: PFG6102B

Collection Date: 9 Apr 11

Sample Name: 122A1COMP-01-DS-PFG6102B-REG

Collection Time: 0905

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MLL

(TB)

(ER)

(EB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY N A 1 2 oz CWM

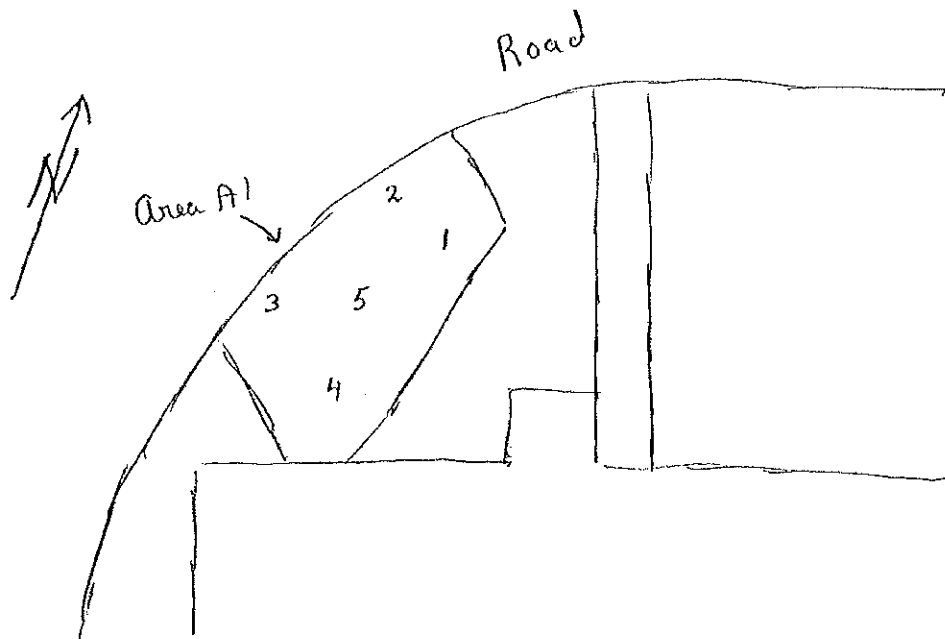
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected five point composite sample from pressurized location on the operation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MLL / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: 122-04272011-S-MBLM

Location Code: 122A1COMP-01

Task: 118166

Sample Number: PFG6102B-MS

Collection Date: 9 Apr 11

Sample Name: 122A1COMP-01-DS-PFG6102B-MS

Collection Time: 0905

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: MS

End Depth: 1' bgs

Sampling Equip: 55 gallon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MM

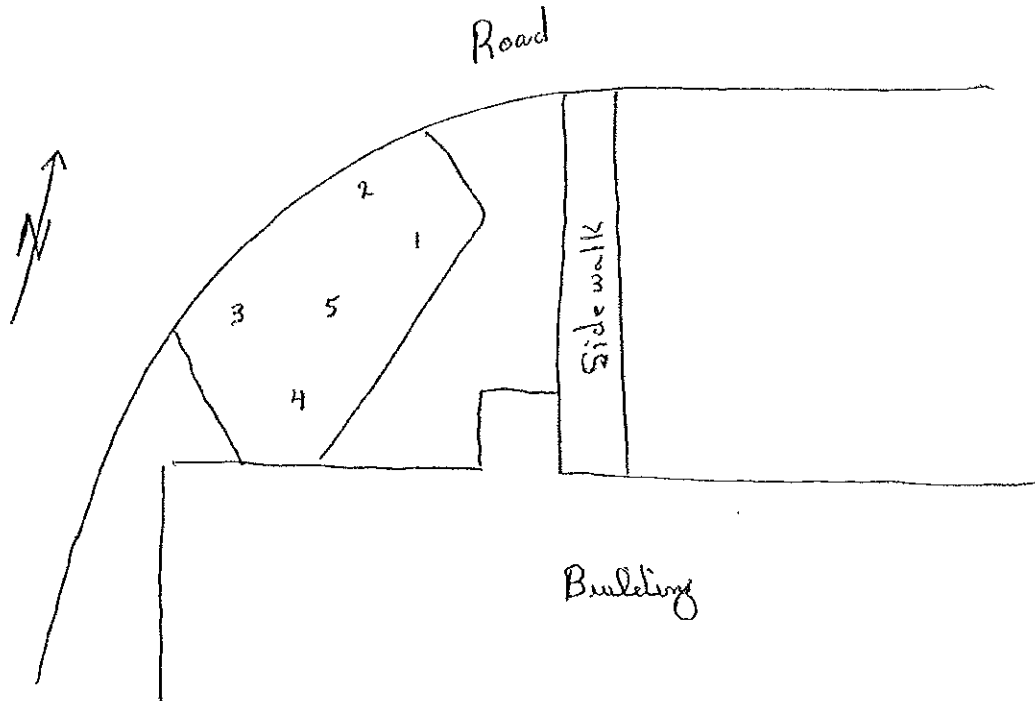
(TB) _____ (ER) _____ (FB) _____

Analytical Suite	Containers			Units	Type
	Fit	Ertn	Qty		
ARSENIC-MERCURY	N	A	1	2	oz CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collect five point composite sample from presurveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

Location Code: 122A1COMP-01

Task: 118166

Sample Number: PFG6102B-MSD

Collection Date: 9 Apr 11

Sample Name: 122A1COMP-01-DS-PFG6102B-MSD

Collection Time: 0905

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: MSD

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MM

(TB)

(ER)

(FB)

Containers

Analytical Suite	Fit	Frtu	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

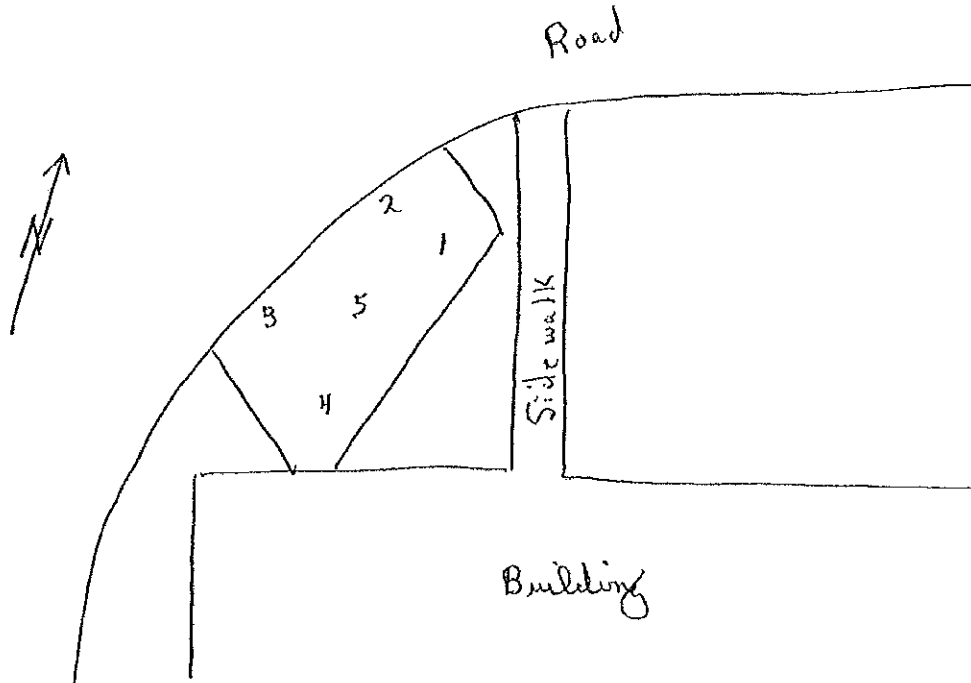
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collect five point composite sample from presurveyed location on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM / 9 Apr 11 Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-09272011-5-MBLM

Location Code: 122A1COMP-01

Task: 118166

Sample Number: PFG6102C

Collection Date: 9 Apr 11

Sample Name: 122A1COMP-01-DS-PFG6102C-REG

Collection Time: 0905

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MM

(TB)

(ER)

(FB)

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

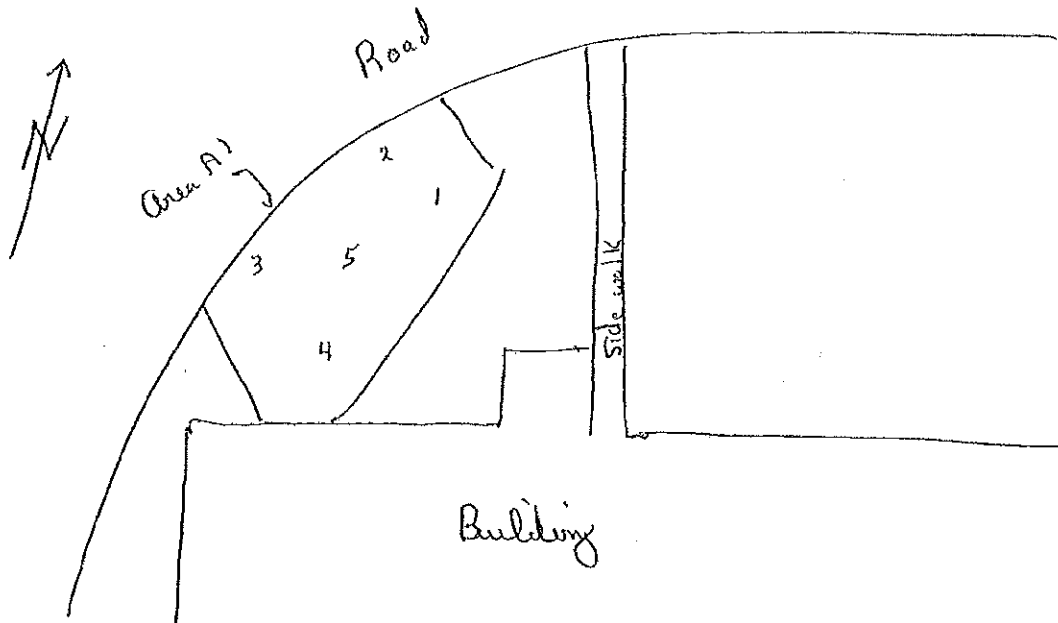
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collect five point composite sample from presunny location on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

Location Code: 122A2COMP-01

Task: 118166

Sample Number: PFG6103A

Collection Date: 09/11 09 Apr 11

Sample Name: 122A2COMP-01-DS-PFG6103A-REG

Collection Time: 1350

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MMB

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N/A	1	2	oz	CWM
-----------------	-----	---	---	----	-----

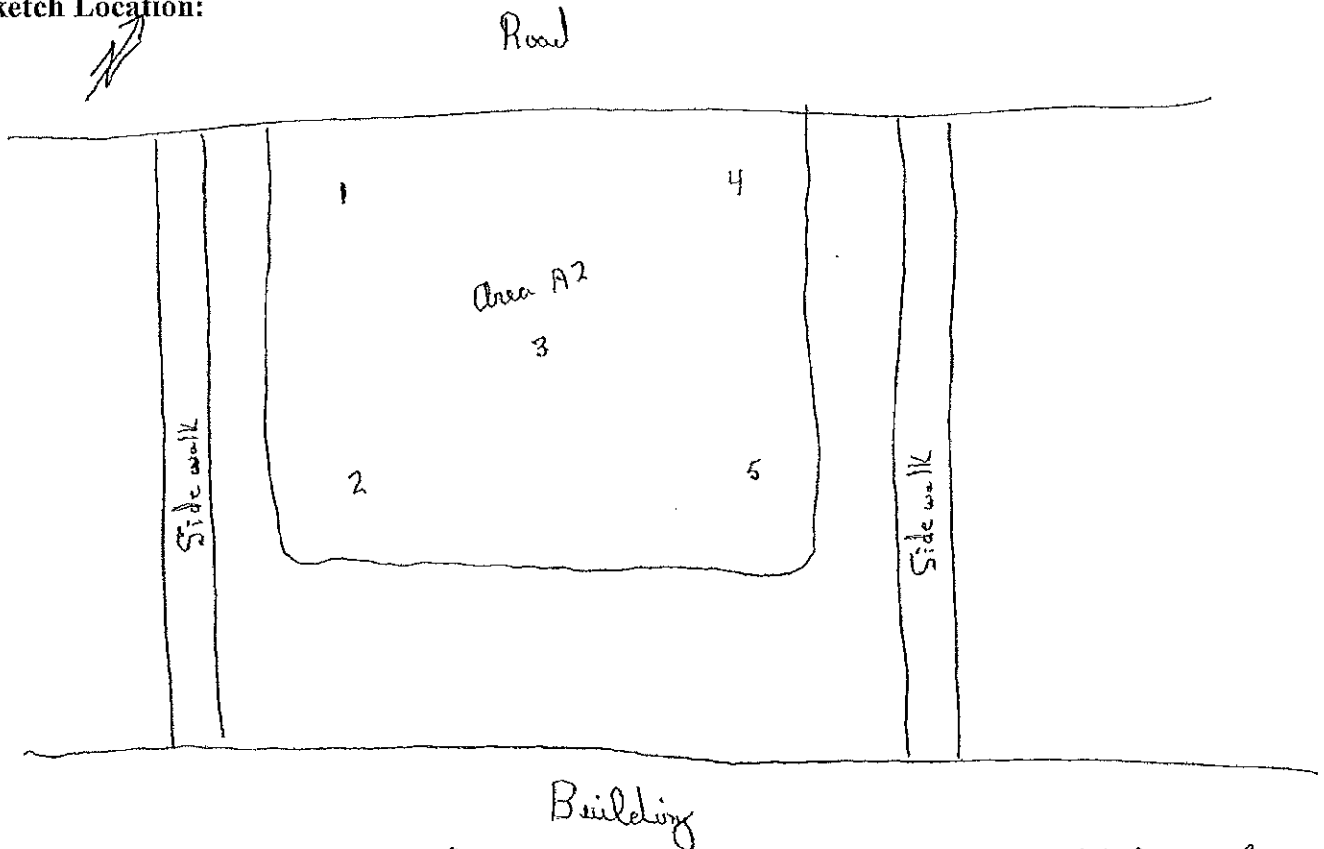
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected five point composite sample from presurveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MMB / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBUM

Location Code: 122A2COMP-01

Task: 118166

Sample Number: PFG6103B

Collection Date: 9 Apr 11

Sample Name: 122A2COMP-01-DS-PFG6103B-REG

Collection Time: 1350

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: MA

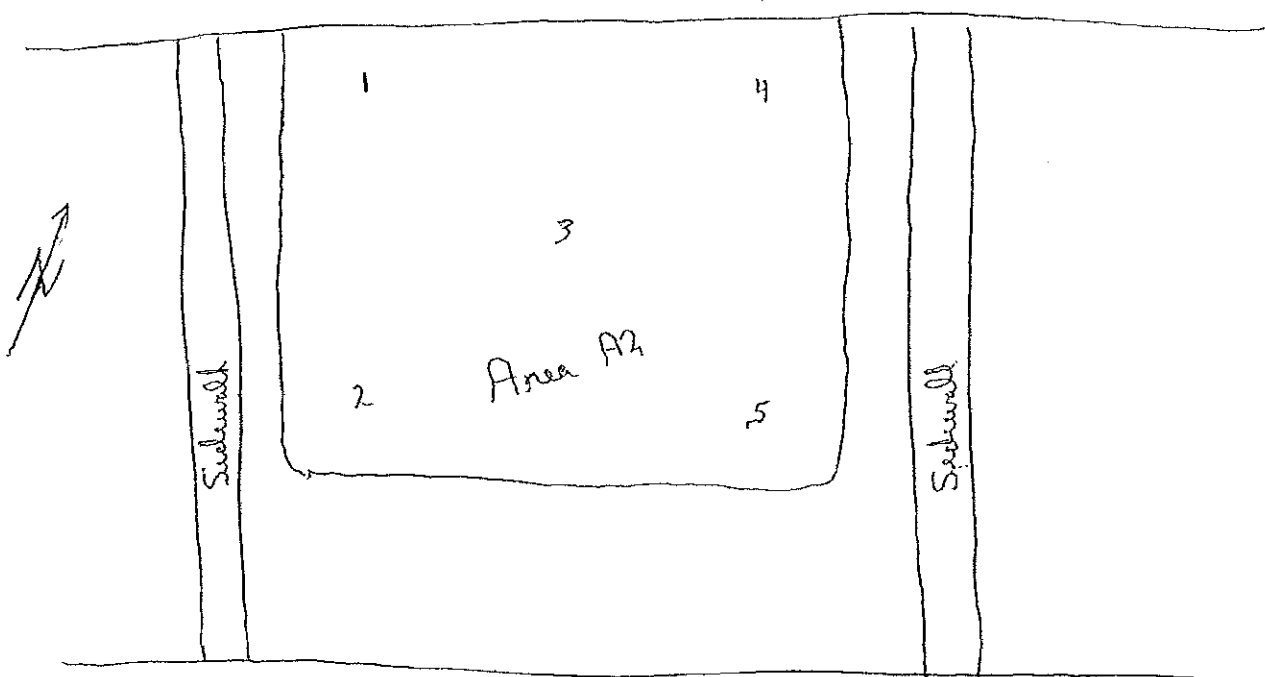
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collect five point composite sample from presumed location on the excavation floor @ 1' bgs

Sketch Location:

Road



Logged BY / Date: MA / 9 Apr 11

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-04272011-S-MBLM

Location Code: 122A2COMP-01

Task: 118166

Sample Number: PFG6103C

Collection Date: 9 Apr 11

Sample Name: 122A2COMP-01-DS-PFG6103C-REG

Collection Time: 1350

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS pump, hand, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____

(ER) _____

(FD) _____

Sample Team: 2221

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:

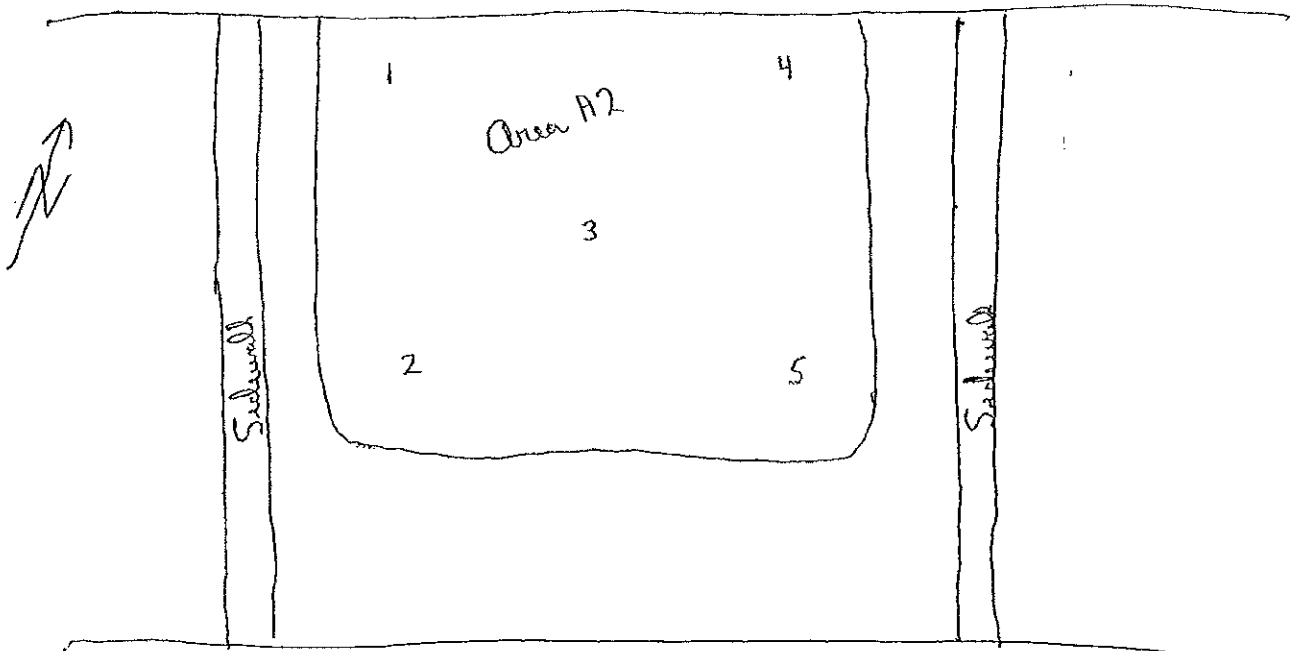
Sacode: _____

Lot Control#: _____

Comments: Collect five point composite sample from presumed location on the excavation floor @ 1' bgs.

Sketch Location:

Road



Logged BY / Date: [Signature] / 9 Apr 11

Building

Reviewed BY / Date: E. McDonough / 4-28-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05232011-S-MBLM

Location Code: 122A3COMP-01

Task: 118166

Sample Number: PFG6104A

Collection Date: 19 May 11

Sample Name: 122A3COMP-01-DS-PFG6104A-REG

Collection Time: 1505

Sampling Method: GRAB

Start Depth: 1'

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: SS spoon, rain, bowl

Sample Matrix: SOIL

QC Partners:

Sample Team: MB

(TB)

(ER)

(FB)

Containers

Analytical Suite Fit Frtn Qty Size Units Type

ARSENIC-MERCURY N/A 1 2 oz CWM

ERPIMS Values:

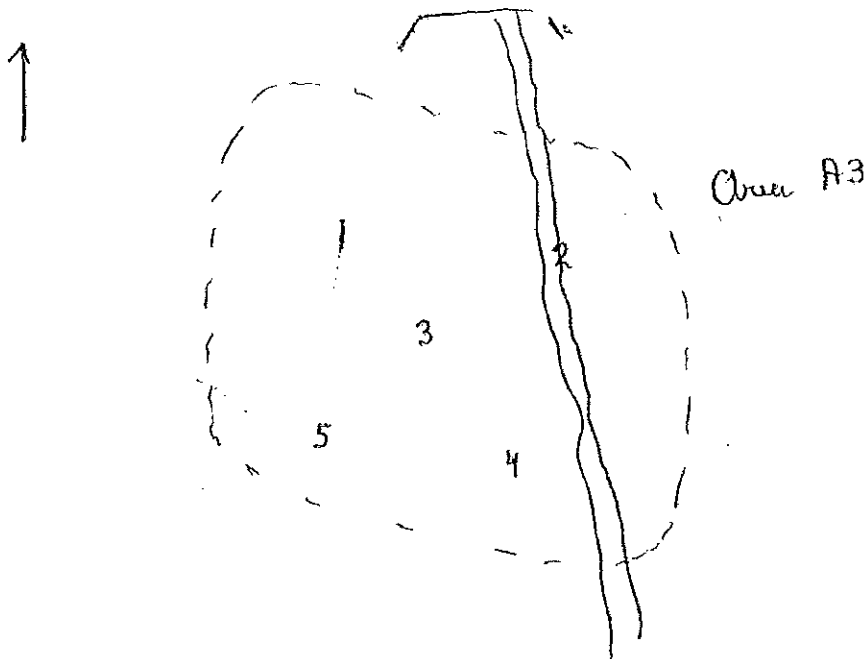
Sacode: _____

Lot Control#: _____

Comments: Five point composite sample collected @ 1' bgs on the excavation floor from presurvey location

Sketch Location:

Road



Logged BY / Date: MB 19 May 2011

Reviewed BY / Date: E. McDonough 6.3.11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05232011-S-MBLM

Location Code: 122A3COMP-01

Task: 118166

Sample Number: PFG6104B

Collection Date: 19 July 11

Sample Name: 122A3COMP-01-DS-PFG6104B-REG

Collection Time: 1505

Sampling Method: GRAB

Start Depth: 1

Sample Type: DS

Sample Purpose: REG

End Depth: 1

Sampling Equip: SS spoon, sieve, bowl

Sample Matrix: SOIL

QC Partners:

Sample Team: MM

(TB)

(ER)

(FB)

Containers

Analytical Suite Ft Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
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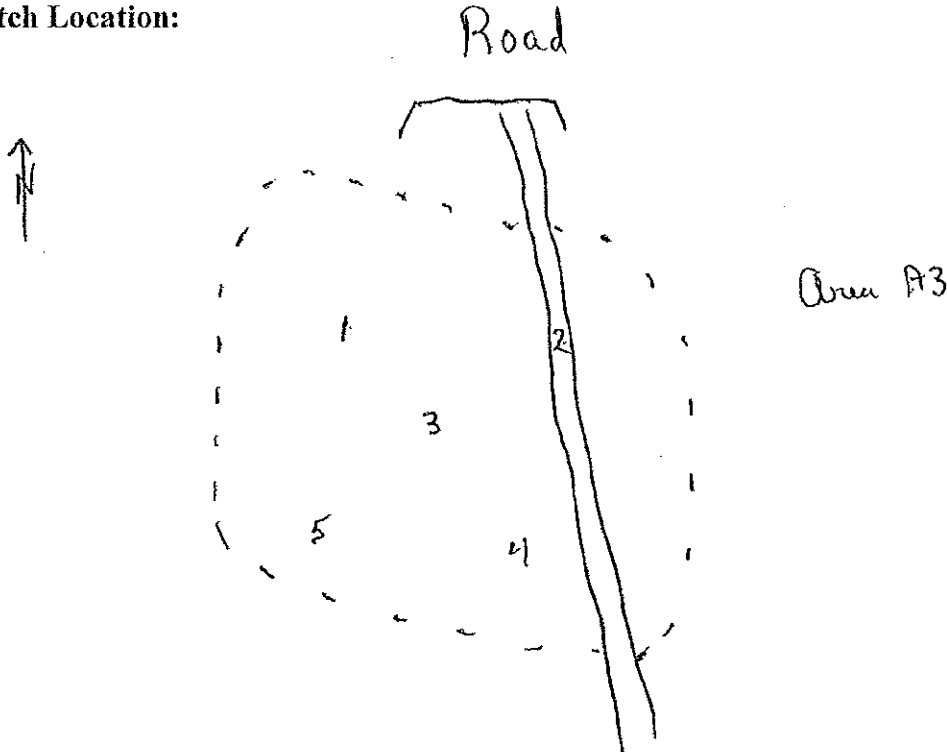
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Five point composite sample collected @ 1' bgs on the excavation floor from pre-surveyed location

Sketch Location:



Logged BY / Date: MM 9/11 19 July 11

Reviewed BY / Date: E. McDonough 6/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 12-05232011-S-MBLM

Location Code: 122A3COMP-01

Task: 118166

Sample Number: PFG6104C

Collection Date: 19 July 11

Sample Name: 122A3COMP-01-DS-PFG6104C-REG

Collection Time: 1505

Sampling Method: GRAB

Start Depth: 1

Sample Type: DS

Sample Purpose: REG

End Depth: 1

Sampling Equip: 55 spoon, sieve, bowl

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MLL

Analytical Suite	Flt	Frt	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

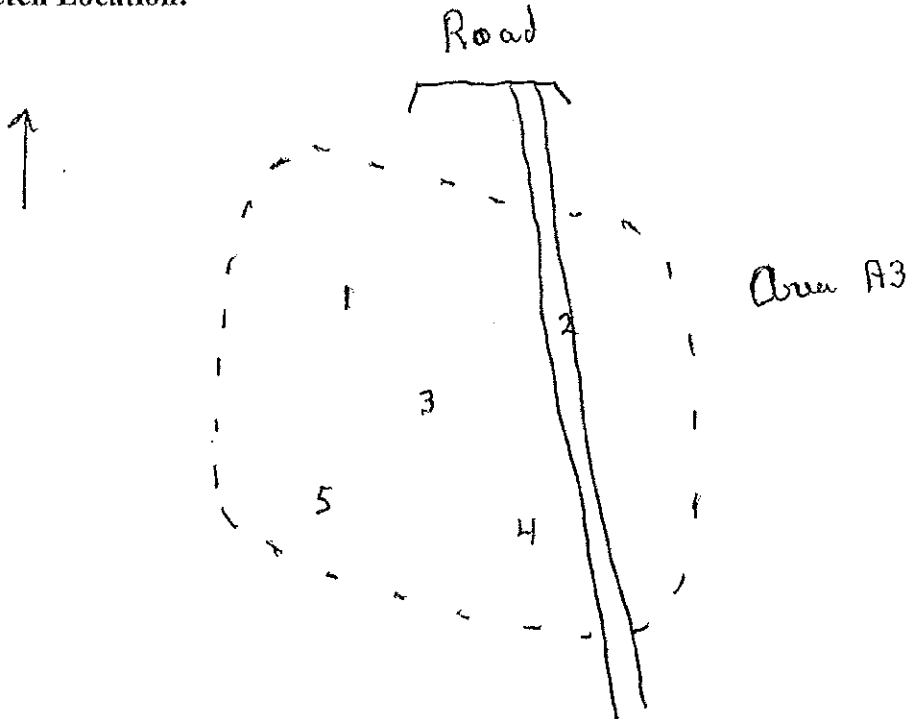
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Five pint composite sample collected @ 1' bgs on the excavation floor from pre-surveyed locations

Sketch Location:



Logged BY / Date: MLL 19 July 2011

Reviewed BY / Date: E. M. D. Murphy 6.3.11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG-041911-S-MBLM

Location Code: 122BCOMP-01

Task: 118166

Sample Number: PFG6105A

Collection Date: 4.19.11

Sample Name: 122BCOMP-01-DS-PFG6105A-REG

Collection Time: 0900

Sampling Method: GRAB

Start Depth: 1'

Sample Type: DS

Sample Purpose: REG

End Depth: 6'

Sampling Equip: SS spoon, shovel, sieve

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: EM/MG

Analytical Suite	Containers	Flt Frtn Qty	Size	Units	Type
ARSENIC-MERCURY	N/A	1	2	oz	CWM

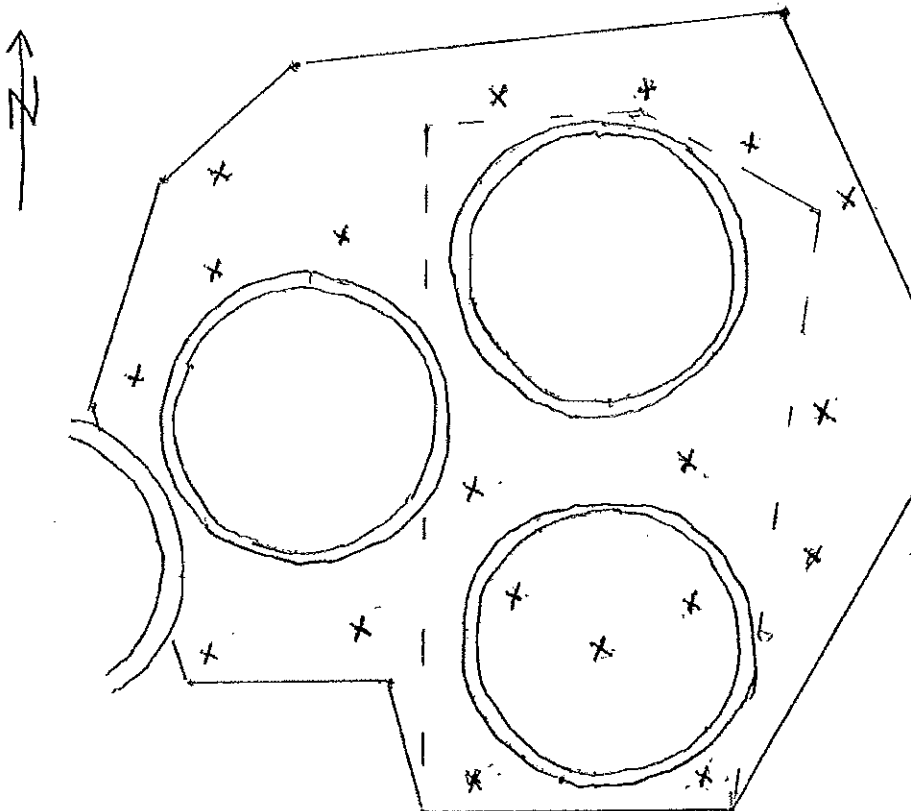
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Area C deep excavation

Sketch Location:



Logged BY / Date: E. McDonough 4/19/11

Reviewed BY / Date: MMG 4/20/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PF6-041911-S-MBLM

Location Code: 122BCOMP-01

Task: 118166

Sample Number: PFG6105B

Collection Date: 4.19.11

Sample Name: 122BCOMP-01-DS-PFG6105B-REG

Collection Time: 0900

Sampling Method: GRAB

Start Depth: 1

Sample Type: DS

Sample Purpose: REG

End Depth: 6

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MG/EM

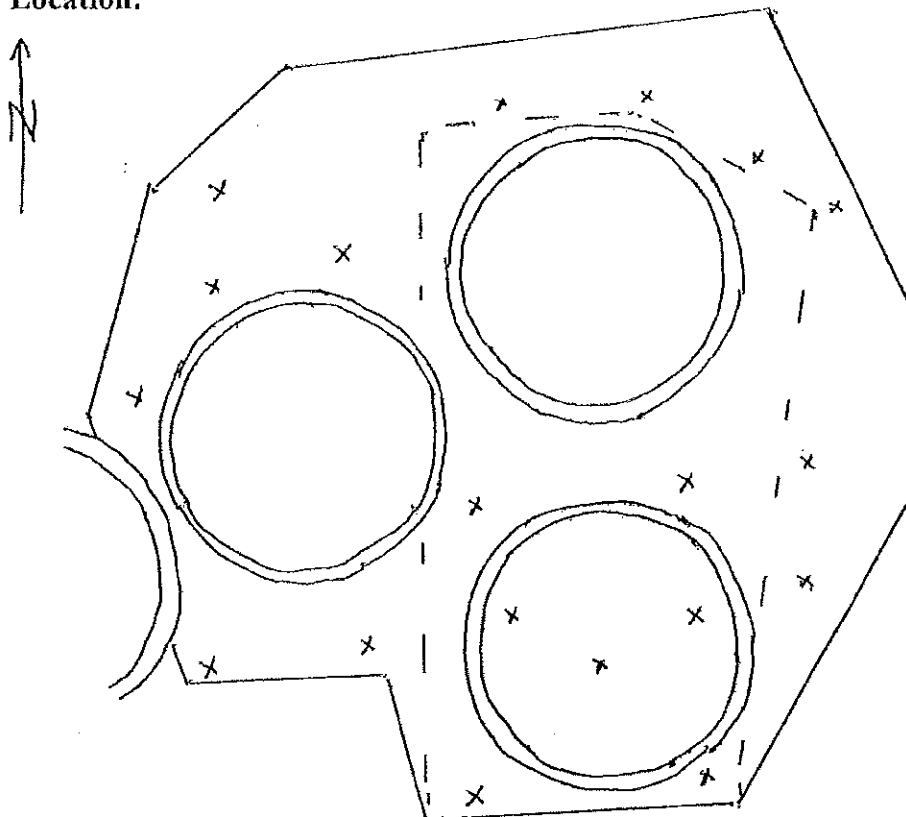
(TB) _____ (ER) _____ (FB) _____

Analytical Suite	Containers	Fit	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N A	1	2	oz	CWM		

ERPIMS Values:
Sacode: _____
Lot Control#: _____

Comments: Area C deep excavation

Sketch Location:



Logged BY / Date: E. McDonough 4/19/11

Reviewed BY / Date: M.H.L. 4/27/11

Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG-041911-S-MBLM

Location Code: 122BCOMP-01

Task: 118166

Sample Number: PFG6105C

Collection Date: 4.19.11

Sample Name: 122BCOMP-01-DS-PFG6105C-REG

Collection Time: 0900

Sampling Method: GRAB

Start Depth: 1

Sample Type: DS Sample Purpose: REG

End Depth: 6

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MG/EM

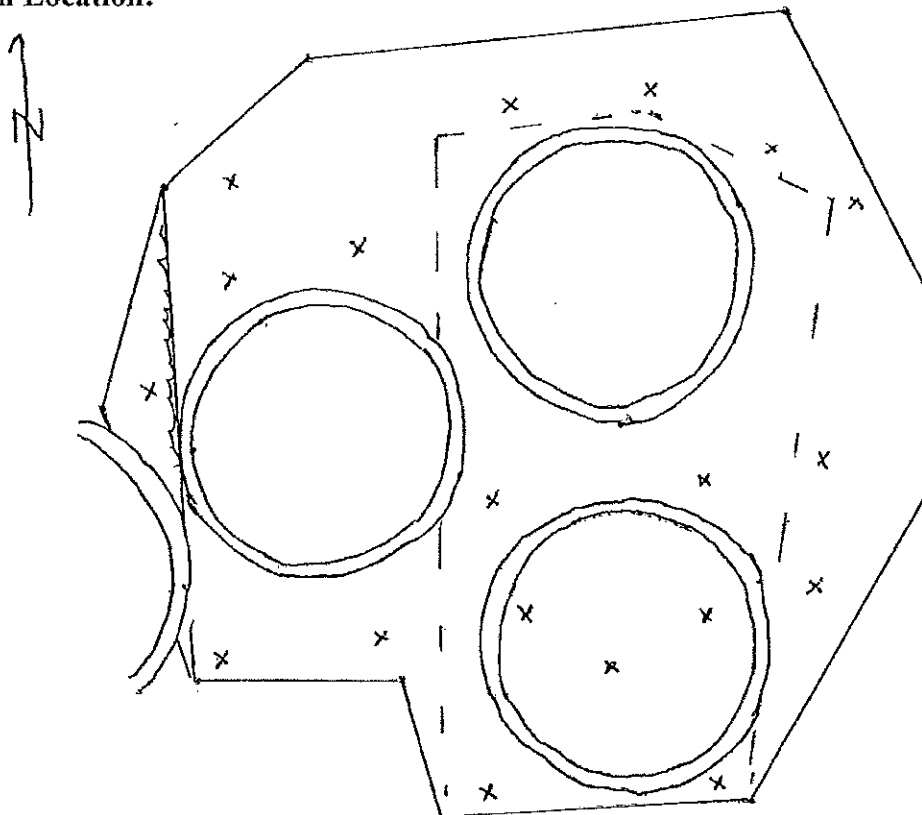
(TB) _____ (ER) _____ (EB) _____

Analytical Suite	Containers	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N A	1	2	oz	CVM		

ERPIMS Values:
Sacode: _____
Lot Control#: _____

Comments: Area C deep excavation

Sketch Location:



Logged BY / Date: C. McDonough 4/19/11

Reviewed BY / Date: M. M. 4/27/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06032011-S-MBLM

Location Code: 122BCOMP-02

Sample Number: PFG6112A

Sample Name: 122BCOMP-02-DS-PFG6112A-REG

Sampling Method: GRAB

Sample Type: DS

Sample Purpose: REG

Sampling Equip: SS spoon, bag, sieve

QC Partners:

(TB)

(ER)

(FB)

Task: Redstone - PBC

Collection Date: 3 June 11

Collection Time: 0930

Start Depth: 1' bgs

End Depth: 2' bgs

Sample Matrix: SOIL

Sample Team: MJL/EM

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

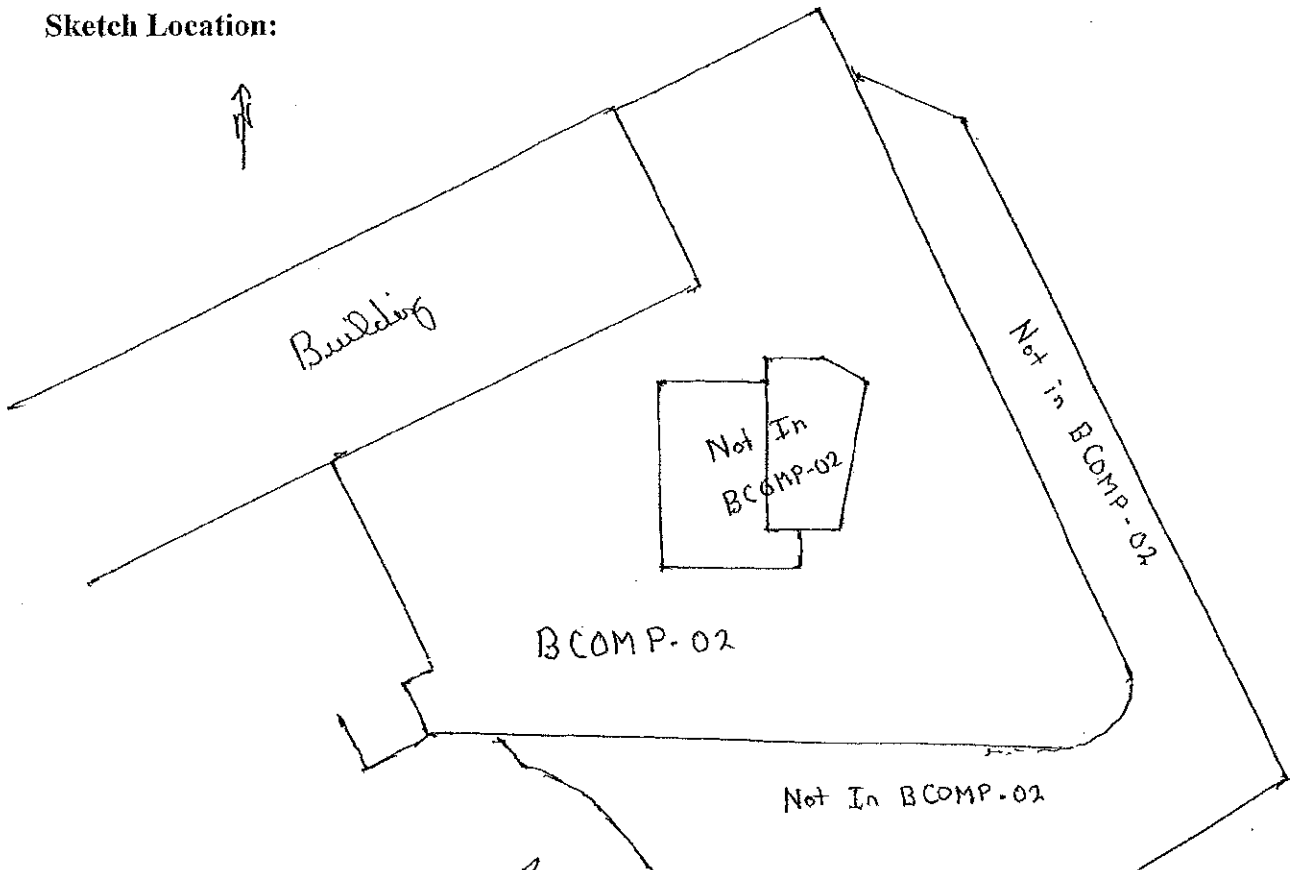
ERPIMS Values:

Sucode: _____

Lot Control#: _____

Comments: Composite sample of individual 5 point composites from subsareas B1, B2, B4, B5, B6, B7, B12, B13, B15, B16, B17, B18 and B19. Individual

Sketch Location:



Logged BY / Date: MJL 3 June 11

Reviewed BY / Date: E. McDonough 6-15-11



Sample Collection Log

118166 - Redstone-PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06032011-S-MBLM

Location Code: 122BCOMP-02

Task: Redstone - PBC

Sample Number: PFG6112B

Collection Date: 3 June 11

Sample Name: 122BCOMP-02-DS-PFG6112B-REG

Collection Time: 0930

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 2' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MZ/ETM

Containers

Analytical Suite Fit Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWAI
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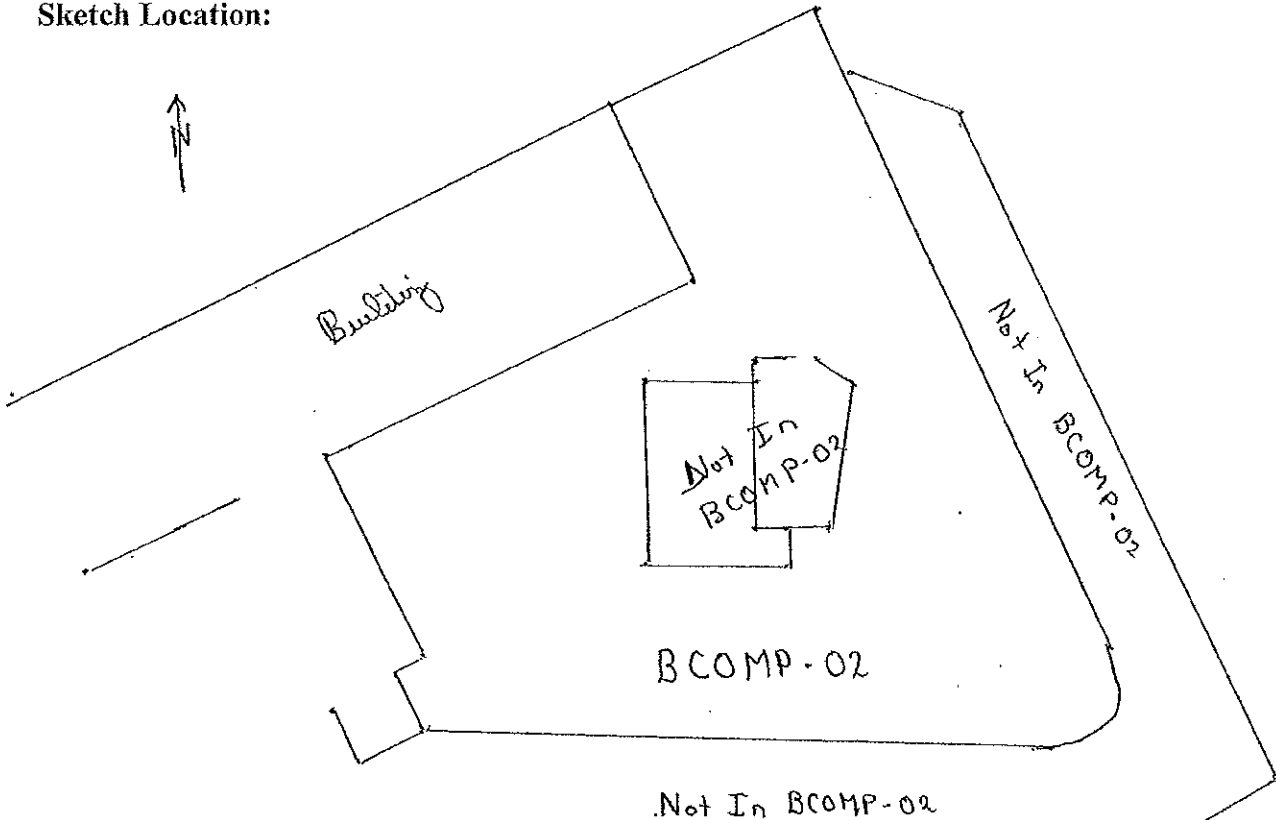
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite sample of individual 5 point composites from subsamples B1, B2, B4, B5, B6, B7, B12, B13, B15, B16, B17, B18 and B19

Sketch Location:



Logged BY / Date: MZ / 3 June 11

Reviewed BY / Date: G. McDermott / 6-15-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06032011-S-MBCM

Location Code: 122BCOMP-02

Task: Redstone - PBC

Sample Number: PFG6112C

Collection Date: 3 June 11

Sample Name: 122BCOMP-02-DS-PFG6112C-REG

Collection Time: 0930

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 2' bgs

Sampling Equip: SS spoon, hand sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____

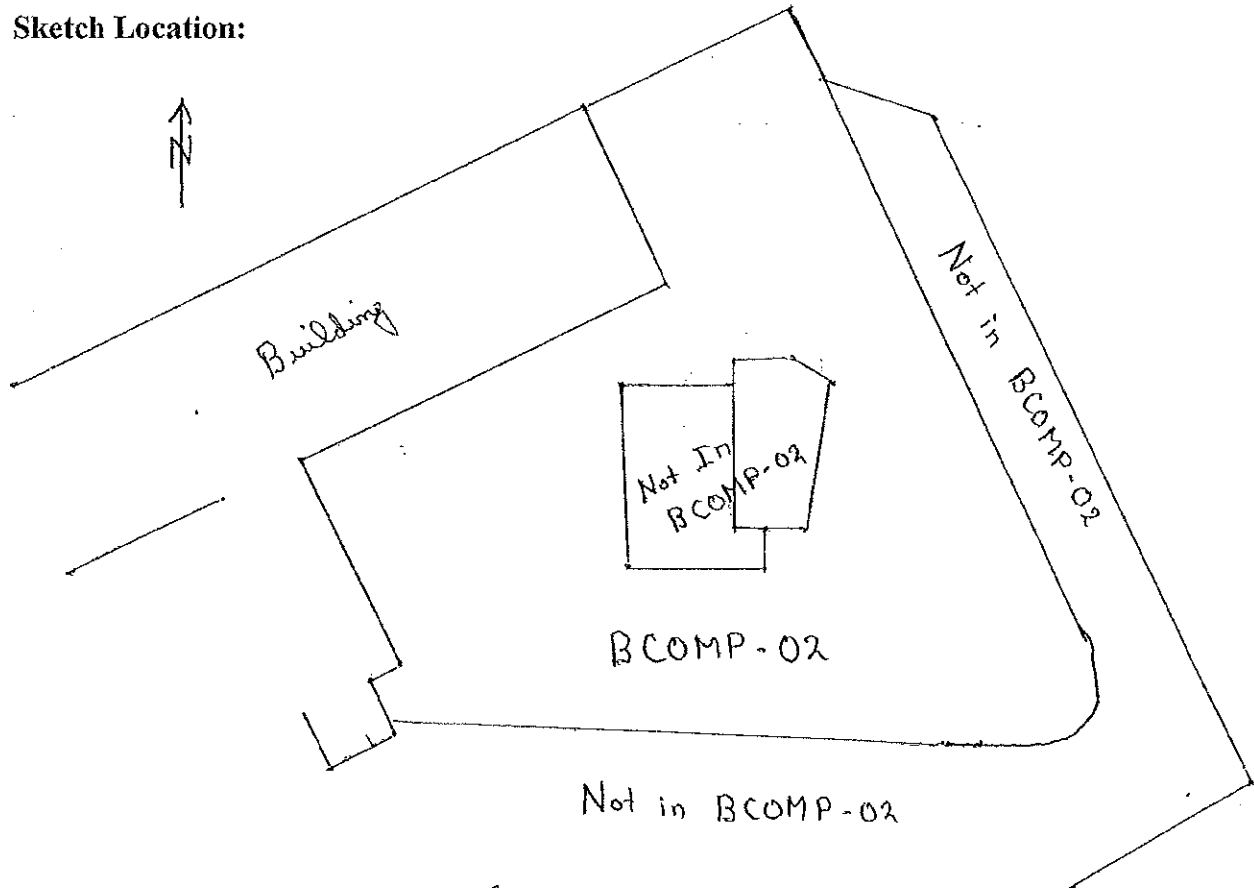
Sample Team: MJ/EM

Analytical Suite	Containers				Units	Type
	Fit	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Composite sample of individual 5 point composites from subsurfs B1, B2, B4, B5, B6, B7, B12, B13, B15, B16, B17, B18 and B19

Sketch Location:



Logged BY/ Date: MJ 3 June 11

Reviewed BY/ Date: E.M. Donogh 6-15-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06212011-S-MBLM

Location Code: 122BCOMP-03

Task: Redstone - PBC

Sample Number: PFG6113A

Collection Date: 20 June 11

Sample Name: 122BCOMP-03-DS-PFG6113A-REG

Collection Time: 1715

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____

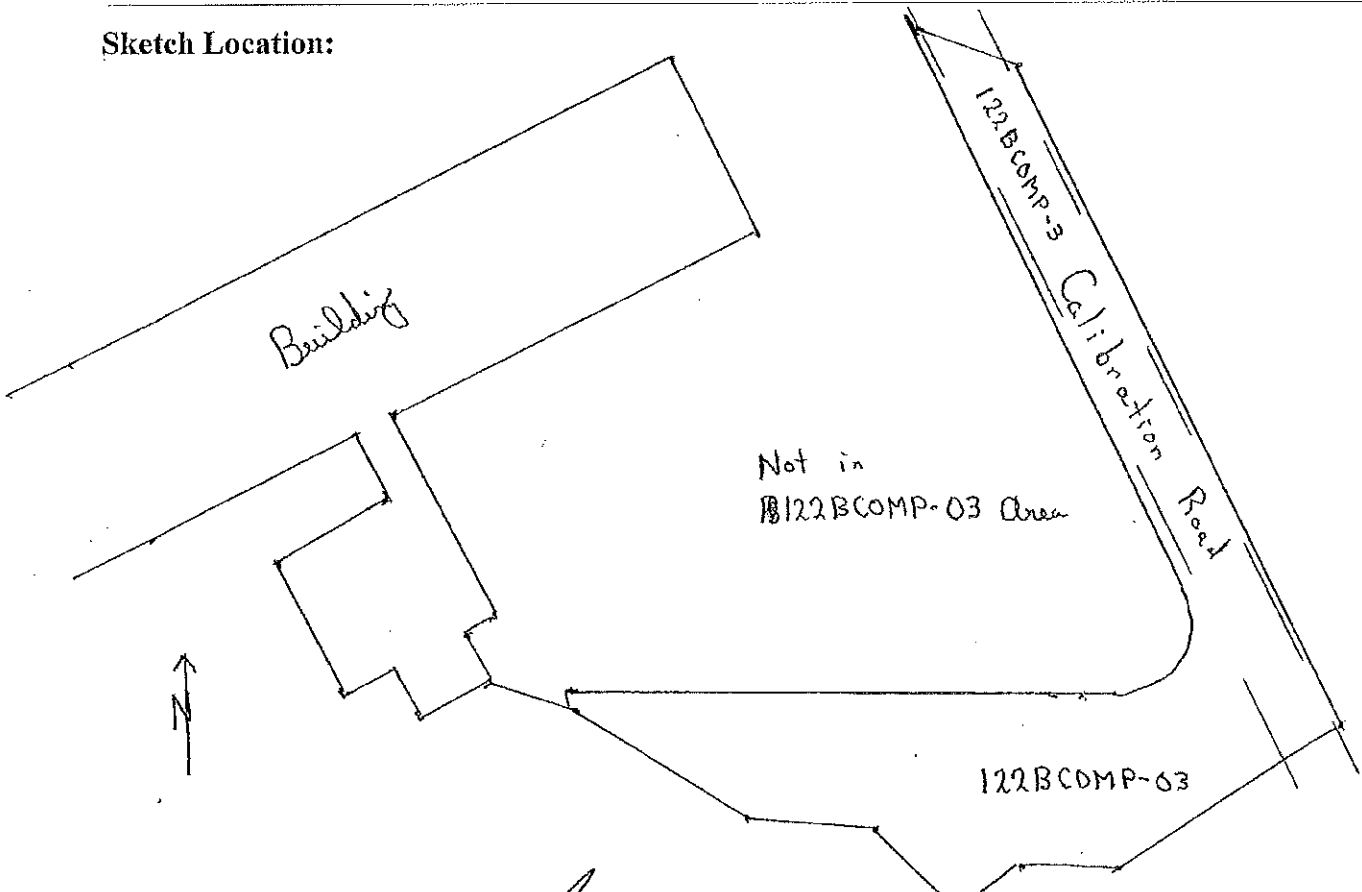
Sample Team: MJM/ETM

Analytical Suite	Fit	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Composite of floor samples from addresses B3, B14, B20, B21, B22, B23, B24 and B25

Sketch Location:



Logged BY / Date: MJM 20 June 11

Reviewed BY / Date: E. McDonough 6-24-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06212011- S- MBLM

Location Code: **122BCOMP-03**

Task: **Redstone - PBC**

Sample Number: **PFG6113B**

Collection Date: 20 June 11

Sample Name: **122BCOMP-03-DS-PFG6113B-REG**

Collection Time: 1715

Sampling Method: **GRAB**

Start Depth: 1' bgs

Sample Type: **DS** Sample Purpose: **REG**

End Depth: 1' bgs

Sampling Equip: 55 spec, hand, mixer

Sample Matrix: **SOIL**

QC Partners:

(TB) _____ (ER) _____ (FB) _____

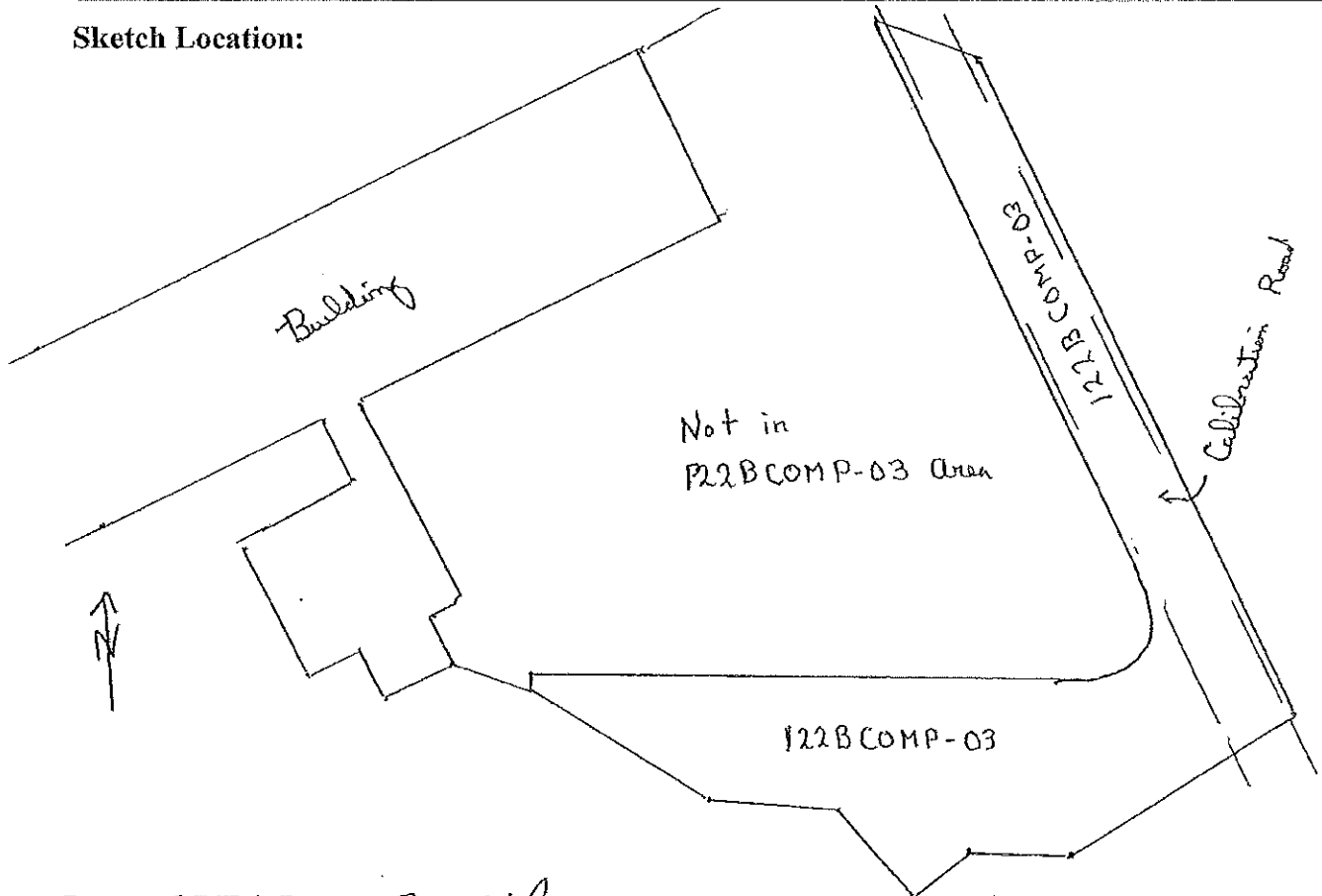
Sample Team: MML/ETM

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Composite of floor samples from subareas B3, B14, B20, B21, B22, B23, B24 and B25

Sketch Location:



Logged BY / Date: MML 20 June 11

Reviewed BY / Date: E. McDonough 6-24-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06212011-S-MBLM

Location Code: 122BCOMP-03

Task: Redstone - PBC

Sample Number: PFG6113C

Collection Date: 20 June 11

Sample Name: 122BCOMP-03-DS-PFG6113C-REG

Collection Time: 1715

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____

(ER) _____

(FB) _____

Sample Team: MM/EM

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

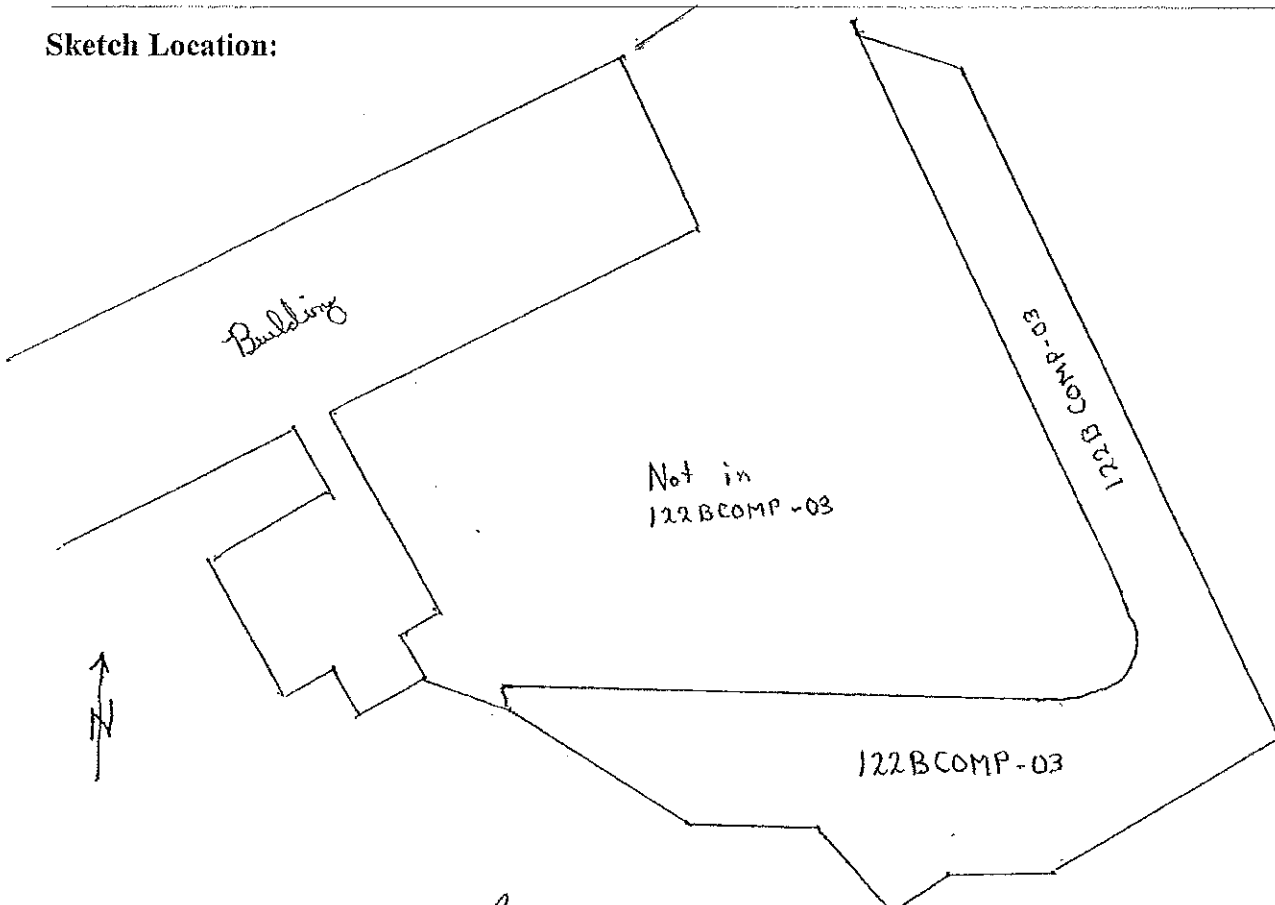
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of floor samples from subareas B3, B14, B20, B21, B22, B23, B24, and B25

Sketch Location:



Logged BY/ Date: M. Kelly 20 June 11

Reviewed BY/ Date: C. McDonough 6-24-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05182011-S-MB

Location Code: 122DCOMP-01

Task: 118166

Sample Number: PFG6106A

Collection Date: 18 May 11

Sample Name: 122DCOMP-01-DS-PFG6106A-REG

Collection Time: 0835

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, sieve, bowl

Sample Matrix: SOIL

QC Partners:

Sample Team: MM

(TB)

(ER)

(LB)

Analytical Suite	Containers				Units	Type
	Fit	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

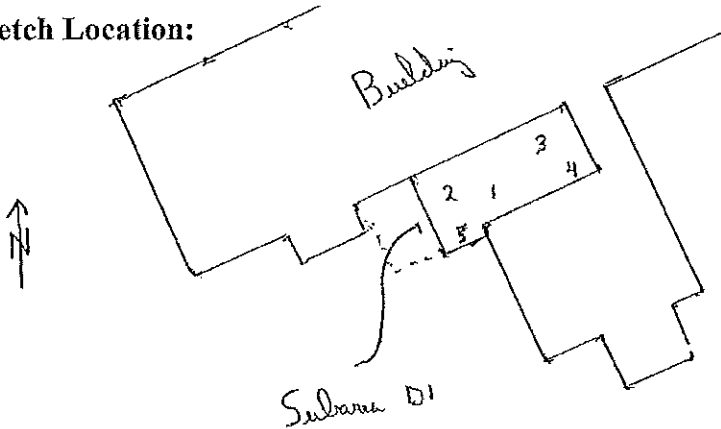
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite of five point samples collected on the excavation floor at presurvey location @ 1' bgs

Sketch Location:



Logged BY / Date: MM 18 May 11

Reviewed BY / Date: E. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122 - 05182011-S-MB

Location Code: 122DCOMP-01

Task: 118166

Sample Number: PFG6106B

Collection Date: 18 May 11

Sample Name: 122DCOMP-01-DS-PFG6106B-REG

Collection Time: 0835

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: 55 gallon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

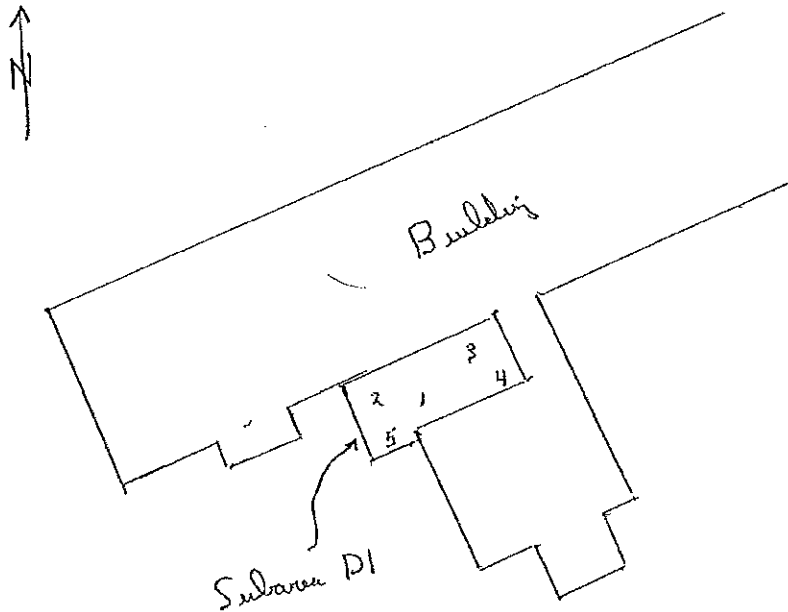
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five pre-survey locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MM 18 May 11

Reviewed BY / Date: Q. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-05182011-S-MB

Location Code: 122DCOMP-01

Task: 118166

Sample Number: PFG6106C

Collection Date: 18 May 11

Sample Name: 122DCOMP-01-DS-PFG6106C-REG

Collection Time: 0835

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MW

(TB)

(EB)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

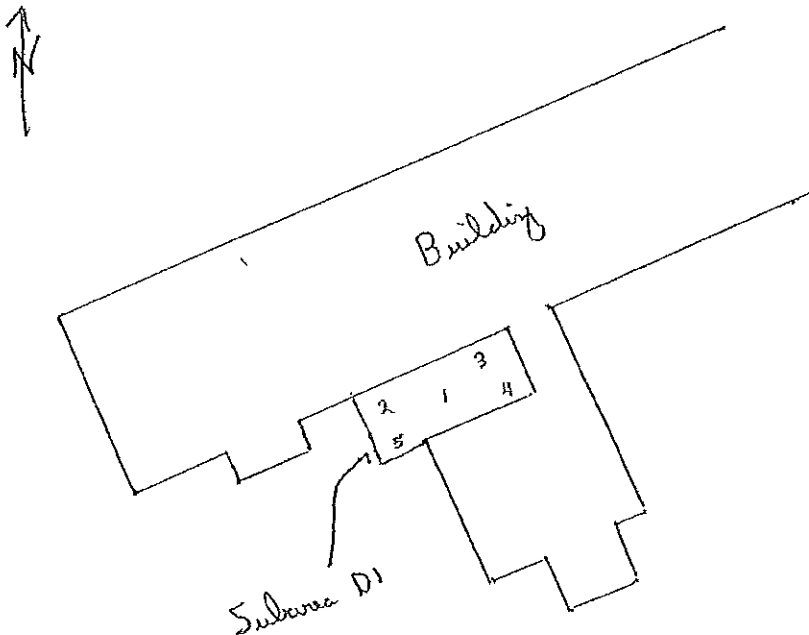
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite of five pre-surveyed locations on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: MW 18 May 11

Reviewed BY / Date: E. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06152011-5-MB

Location Code: 122DCOMP-02

Task: Redstone - PBC

Sample Number: PFG6114A

Collection Date: 15 June 11

Sample Name: 122DCOMP-02-DS-PFG6114A-REG

Collection Time: 0735

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, and sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____

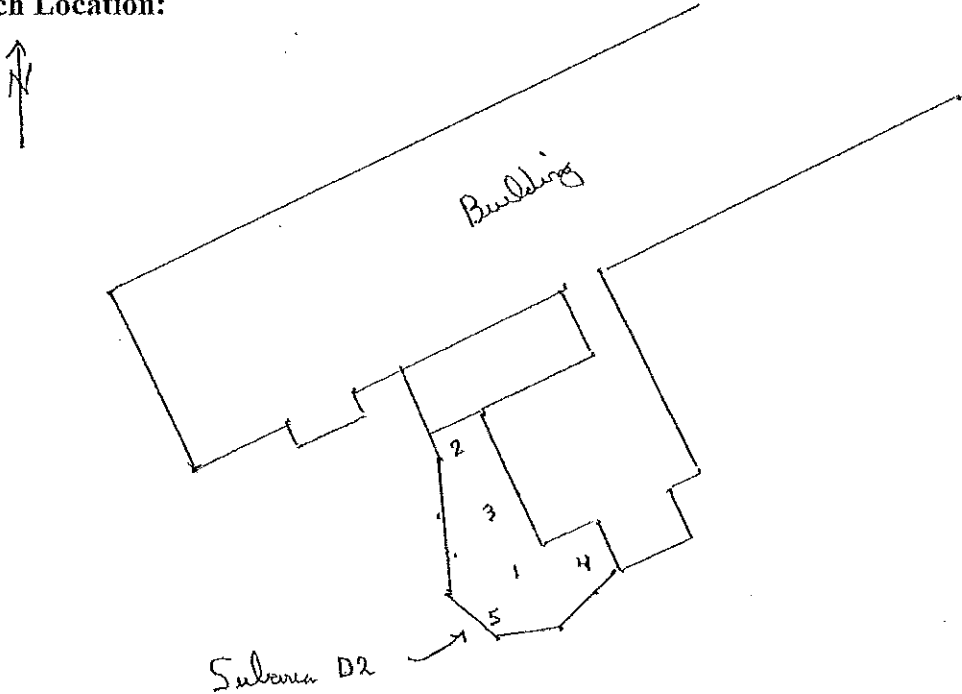
Sample Team: MJ/K77

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Composite of five pre-surveyed locations collected on the excavation floor @ 1' bgs

Sketch Location:



Logged BY/ Date: MJ/K77 15 June 11

Reviewed BY/ Date: E. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06152011-S-MB

Location Code: 122DCOMP-02

Task: Redstone - PBC

Sample Number: PFG6114A-MS

Collection Date: 15 June 11

Sample Name: 122DCOMP-02-DS-PFG6114A-MS

Collection Time: 0735

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: MS

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____ Sample Team: ZMB / EMM

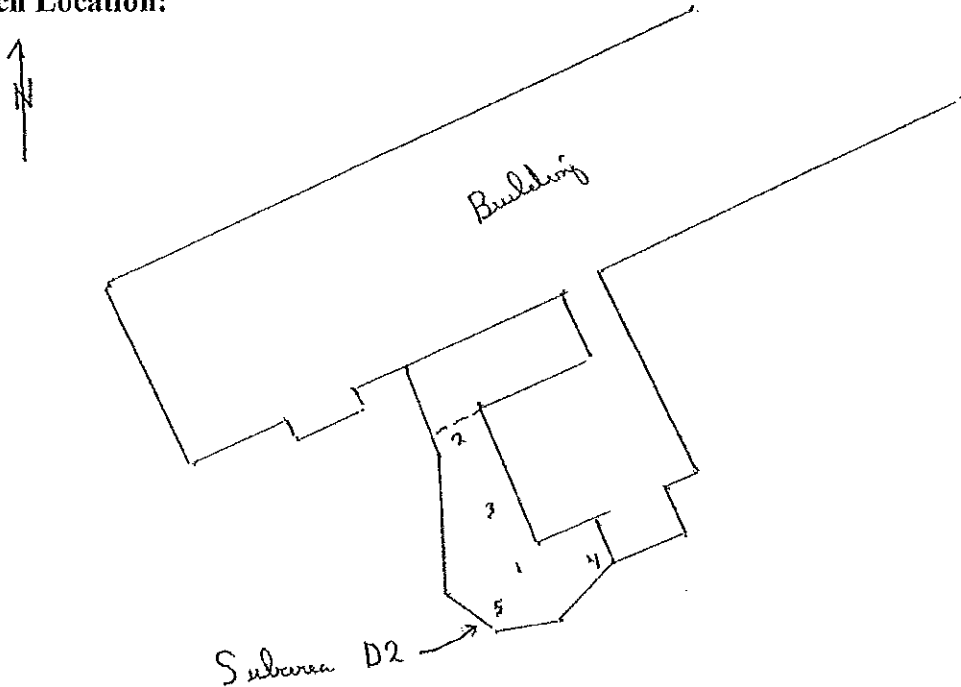
Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Composite of five presurveyed locations collected on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: ZMB / 15 June 11

Reviewed BY / Date: E. McDonough / 6-16-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06152011-S-MB

Location Code: 122DCOMP-02

Task: Redstone - PBC

Sample Number: PFG6114A-MSD

Collection Date: 15 June 11

Sample Name: 122DCOMP-02-DS-PFG6114A-MSD

Collection Time: 0735

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: MSD

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

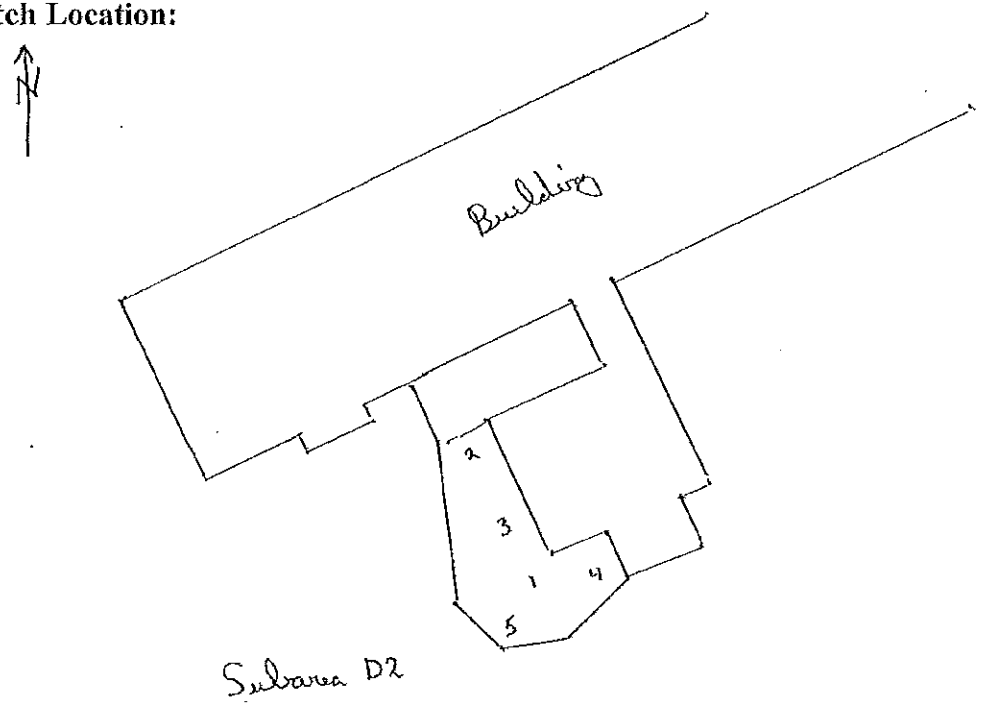
(TB) _____ (ER) _____ (EB) _____ Sample Team: 7772 / 5772

Analytical Suite	Containers				Units	Type
	Fit	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Collection of five pre-surveyed locations collected on the excavation floor @ 1' bgs

Sketch Location:



Logged BY / Date: 7772 Hil 15 June 11

Reviewed BY / Date: E. McDonald 6-16-11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122 - 06152011-S-MB

Location Code: 122DCOMP-02

Task: Redstone - PBC

Sample Number: PFG6114B

Collection Date: 15 June 11

Sample Name: 122DCOMP-02-DS-PFG6114B-REG

Collection Time: 0735

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (EB) _____

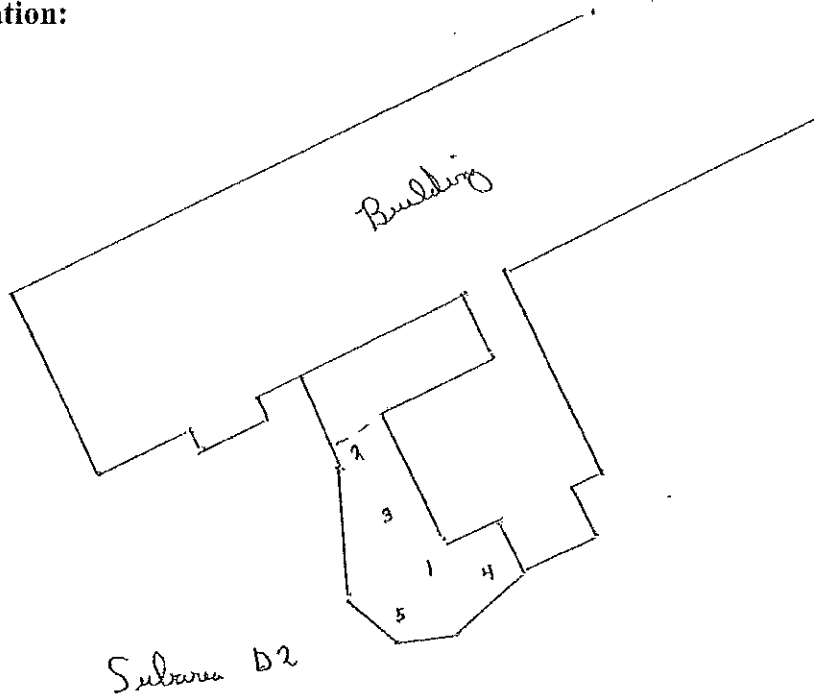
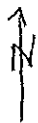
Sample Team: MJL / EMM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Composite of five presurveyed locations on the excavation floor @ 0-1 bgs

Sketch Location:



Logged BY / Date: MJL 15 June 11

Reviewed BY / Date: G. McDonough 6-16-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: 122-06152011-5-MB

Location Code: 122DCOMP-02

Sample Number: PFG6114C

Sample Name: 122DCOMP-02-DS-PFG6114C-REG

Sampling Method: GRAB

Sample Type: DS

Sample Purpose: REG

Sampling Equip: SS spoon, bowl, sieve

QC Partners:

(TB)

(ER)

(FB)

Task: Redstone - PBC

Collection Date: 15 June 11

Collection Time: 0735

Start Depth: 1' bgs

End Depth: 1' bgs

Sample Matrix: SOIL

Sample Team: M.M. / E.M.

Analytical Suite	Containers				Units	Type
	Flt	Ertn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

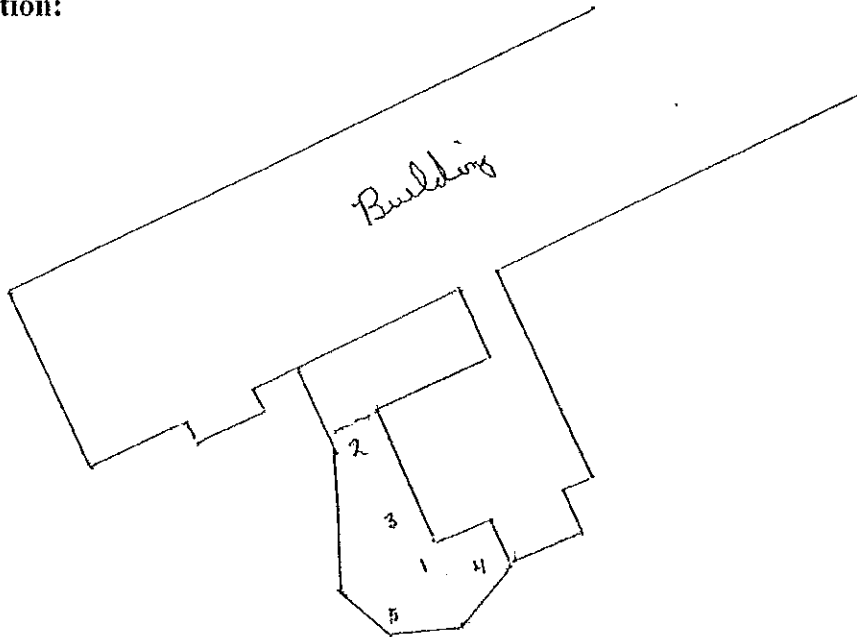
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite of five pre-washed locations on the extraction floor @ 1-1772 1' bgs

Sketch Location:



Logged BY / Date: M. Rich 15 June 11

Reviewed BY / Date: E. McDermott 6-16-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: 122ECOMP-01

Task: 118166

Sample Number: PFG6107A

Collection Date: 23 Feb 11

Sample Name: 122ECOMP-01-DS-PFG6107A-REG

Collection Time: 1430

Sampling Method: GRAB

Start Depth: 1' ft bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: SOIL

QC Partners:

Sample Team: MM/EM/KC

(TB) _____ (ER) _____ (EB) _____

Analytical Suite	Containers			Units	Type
	Flt	Frtn	Qty		
ARSENIC-MERCURY	N	A	1 2	oz	CWM

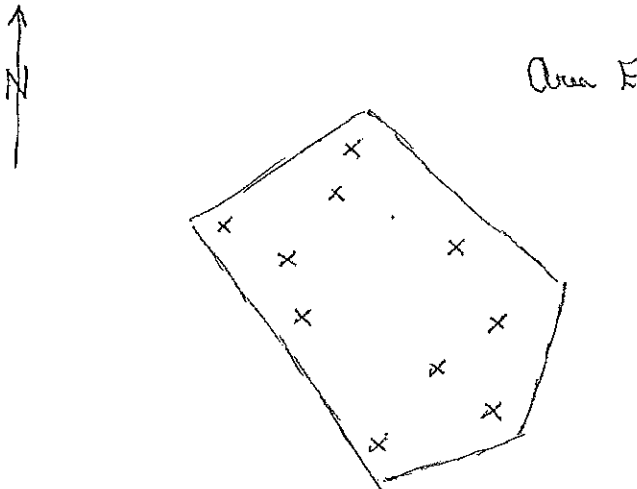
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: collected 10 permit compos. sample from the floor of Area E excavation at pre-determined surveyed points @ 1' bgs

Sketch Location:



Logged BY / Date: MM/EM 23 Feb 11

Reviewed BY / Date: EMcDonough 2/24/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG-02242011-S-MB

Location Code: 122ECOMP-01

Task: 118166

Sample Number: PFG6107B

Collection Date: 23 Feb 11

Sample Name: 122ECOMP-01-DS-PFG6107B-REG

Collection Time: 1430

Sampling Method: GRAB

Start Depth: 1' ft bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: SOIL

QC Partners:

Sample Team: ZZZ/ELM/KC

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

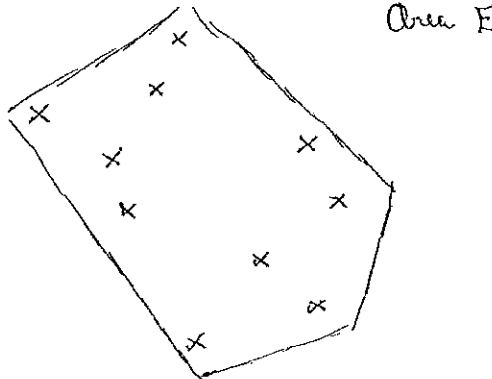
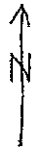
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Collected 10 point composite sample from the floor of Area E explanation at pre-determined survey points @ 1' bgs

Sketch Location:



Logged BY / Date: ZZZ/ELM 23 Feb 11

Reviewed BY / Date: E. McDonough 2/24/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02242011-S-MB

Location Code: 122ECOMP-01

Task: 118166

Sample Number: PFG6107C

Collection Date: 23 Feb 11

Sample Name: 122ECOMP-01-DS-PFG6107C-REG

Collection Time: 1430

Sampling Method: GRAB

Start Depth: 1' ft bags

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: Stainless steel spoon

Sample Matrix: SOIL

QC Partners:

Sample Team: MJB/ETM/KC

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

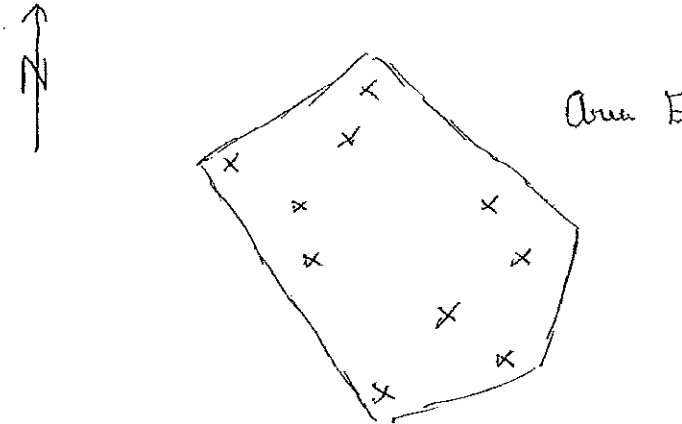
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Collected 10 point composite sample from the floor of Area E excavation at predetermined surveyed points @ 1' bags

Sketch Location:



Logged BY / Date: MJB 23 Feb 11

Reviewed BY / Date: E. McDonough 2/24/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122FCOMP-01

Sample Number: PFG6108A

Sample Name: 122FCOMP-01-DS-PFG6108A-REG

Sampling Method: GRAB

Sample Type: DS

Sample Purpose: REG

Sampling Equip: Stainless steel bowl, spoon, sieve

QC Partners:

(TB) N/A (ER) N/A (FB) N/A

Task: 118166

Collection Date: 25 Feb 11

Collection Time: 1320

Start Depth: 1' ft bgs

End Depth: 1' ft bgs

Sample Matrix: SOIL

Sample Team: MKB/EM/KC

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

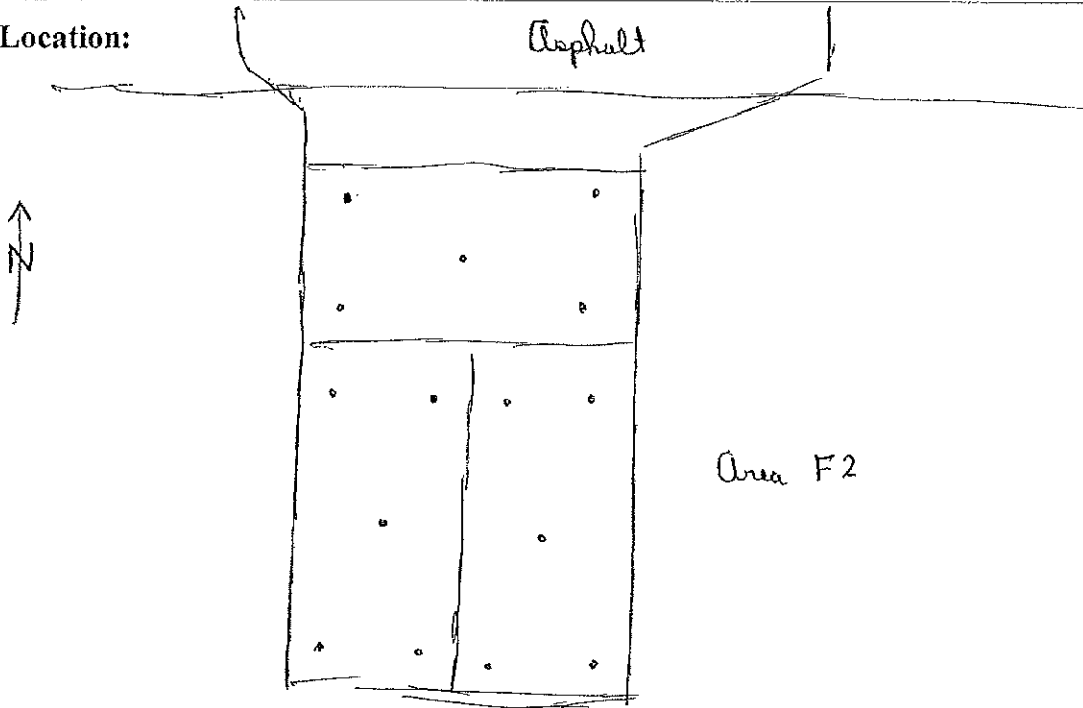
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite of 15 pre-surveyed floor sample locations @ 1' bgs

Sketch Location:



Logged BY / Date: MKB 25 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122FCOMP-01

Sample Number: PFG6108B

Sample Name: 122FCOMP-01-DS-PFG6108B-REG

Sampling Method: GRAB

Sample Type: DS

Sample Purpose: REG

Sampling Equip: Shaverless steel bowl / spoon / sieve

QC Partners:

(TB) N/A (ER) N/A (FB) N/A

Task: 118166

Collection Date: 25 Feb 11

Collection Time: 1320

Start Depth: 1' ft bgs

End Depth: 1' ft bgs

Sample Matrix: SOIL

Sample Team: MB/EM/KC

Analytical Suite Containers
 Ft Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

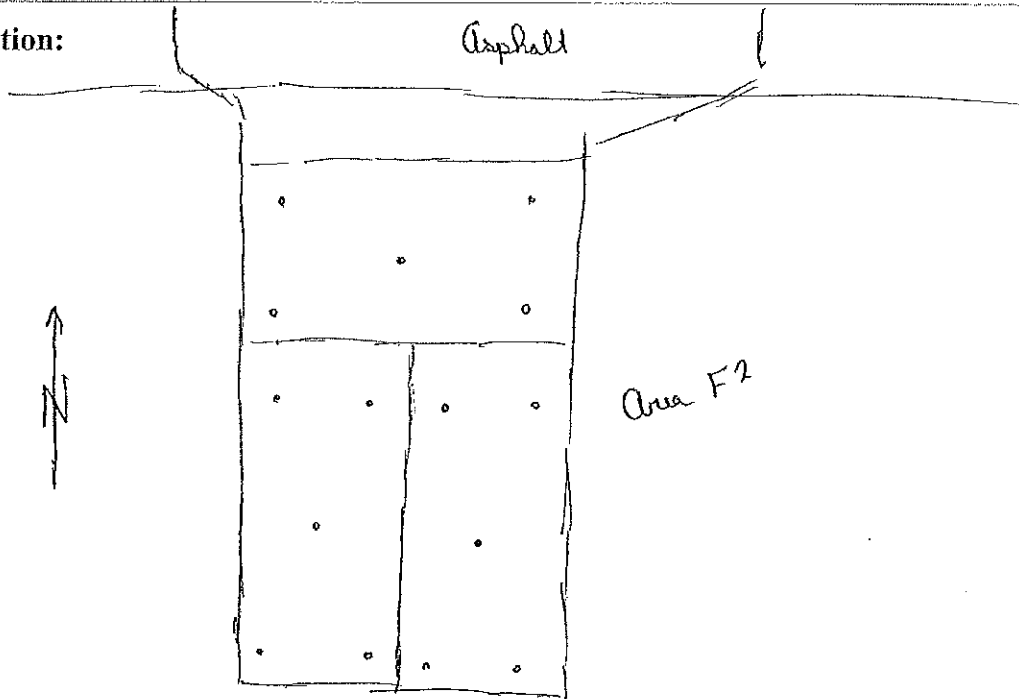
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composit of 15 pre-surveyed flt floor sample locations @ 1' bgs

Sketch Location:



Logged BY / Date: M. G. 25 Feb 11

Reviewed BY / Date: E. McDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG02282011-S-MB

Location Code: 122FCOMP-01

Sample Number: PFG6108C

Sample Name: 122FCOMP-01-DS-PFG6108C-REG

Sampling Method: GRAB

Sample Type: DS

Sample Purpose: REG

Sampling Equip: Stainless steel bowl / spoon / sieve

QC Partners:

(TB) N/A (ER) N/A (EB) N/A

Task: 118166

Collection Date: 25 Feb 11

Collection Time: 1320

Start Depth: 1' ft bgs

End Depth: 1' ft bgs

Sample Matrix: SOIL

Sample Team: MM/EM/KC

Analytical Suite Containers
 Ft Ertn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

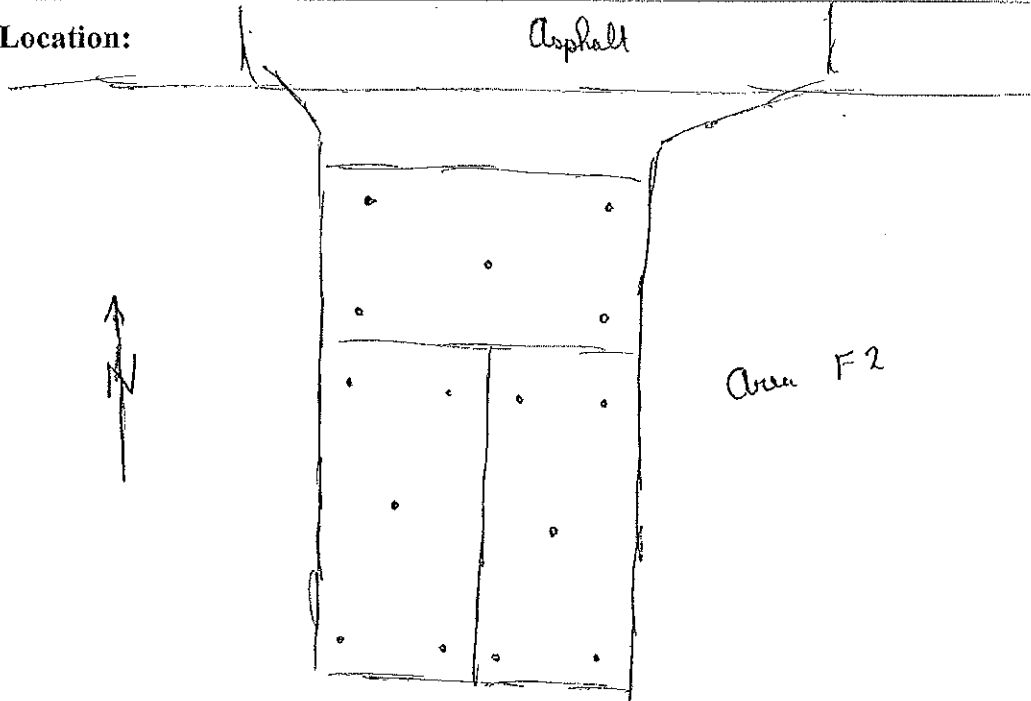
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite of 15 pre-surveyed floor sample locations @ 1' bgs

Sketch Location:



Logged BY / Date: MM/EM 25 Feb 11 Reviewed BY / Date: EMcDonough 3/1/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

Location Code: 122FCOMP-02

Task: Redstone - PBC

Sample Number: PFG6115A

Collection Date: 24 June 11

Sample Name: 122FCOMP-02-DS-PFG6115A-REG

Collection Time: 0910

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: 55 spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(IB) _____ (ER) _____ (FB) _____

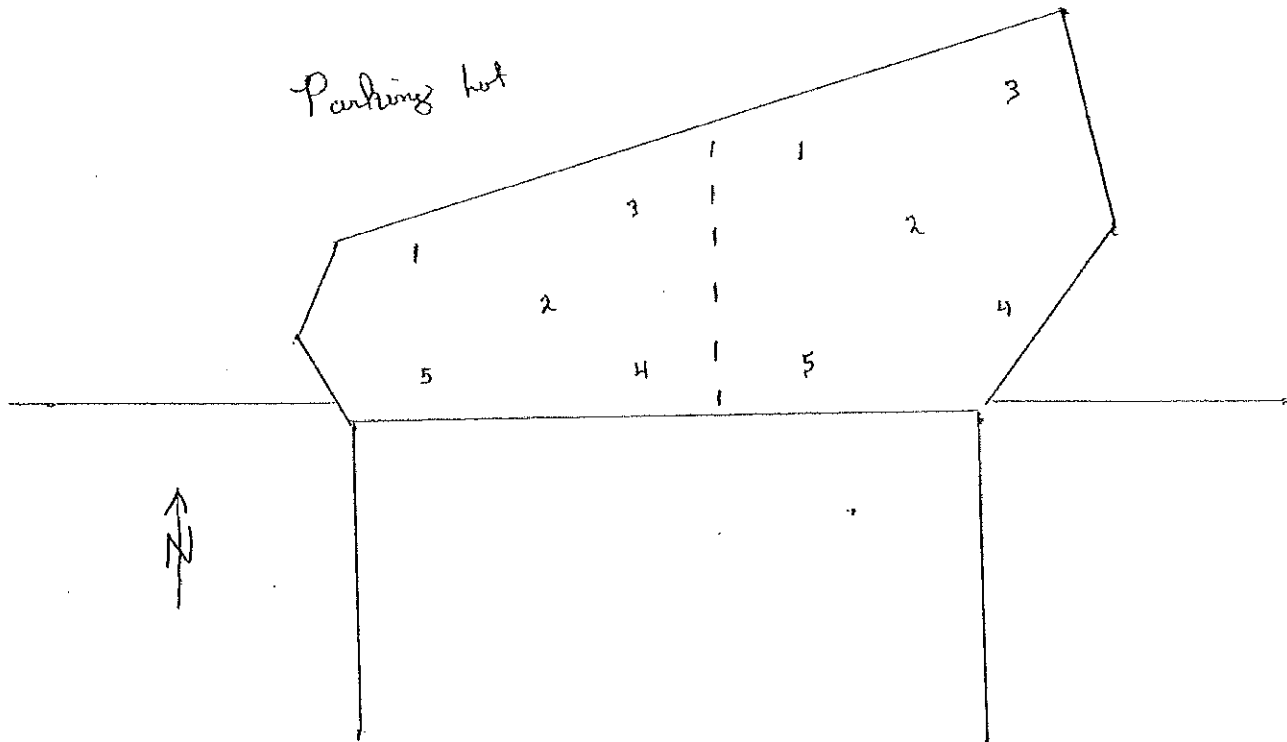
Sample Team: MMK/ETM

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: A composite sample of two five-point composite samples collected from the excavation floor @ 1' bgs @ pre-surveyed location

Sketch Location:



Logged BY / Date: MMK 24 June 11

Reviewed BY / Date: E. McDonough 6/29/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

Location Code: 122FCOMP-02

Task: Redstone - PBC

Sample Number: PFG6115B

Collection Date: 24 June 11

Sample Name: 122FCOMP-02-DS-PFG6115B-REG

Collection Time: 0910

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MMJ / EMM

(TB) _____ (ER) _____ (FB) _____

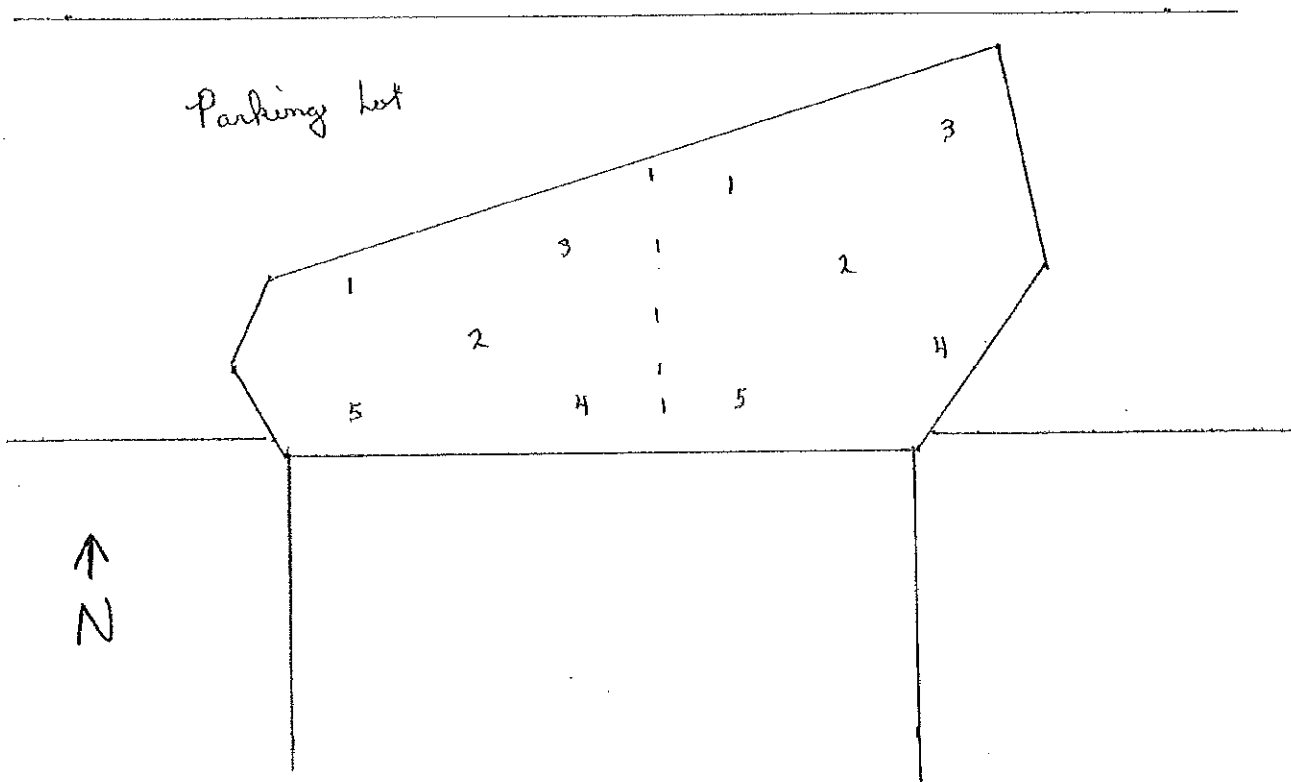
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____

Lot Control#: _____

Comments: A composite sample of two five point composite samples collected from presurveyed locations on the excavation floor

Sketch Location:



Logged BY / Date: M. Galt 24 June 11

Reviewed BY / Date: E. McDonough 6/29/11



Sample Collection Log

118166 - Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-06242011-S-MB

Location Code: 122FCOMP-02

Task: Redstone - PBC

Sample Number: PFG6115C

Collection Date: 24 June 11

Sample Name: 122FCOMP-02-DS-PFG6115C-REG

Collection Time: 0910

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____

Sample Team: MM/EM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

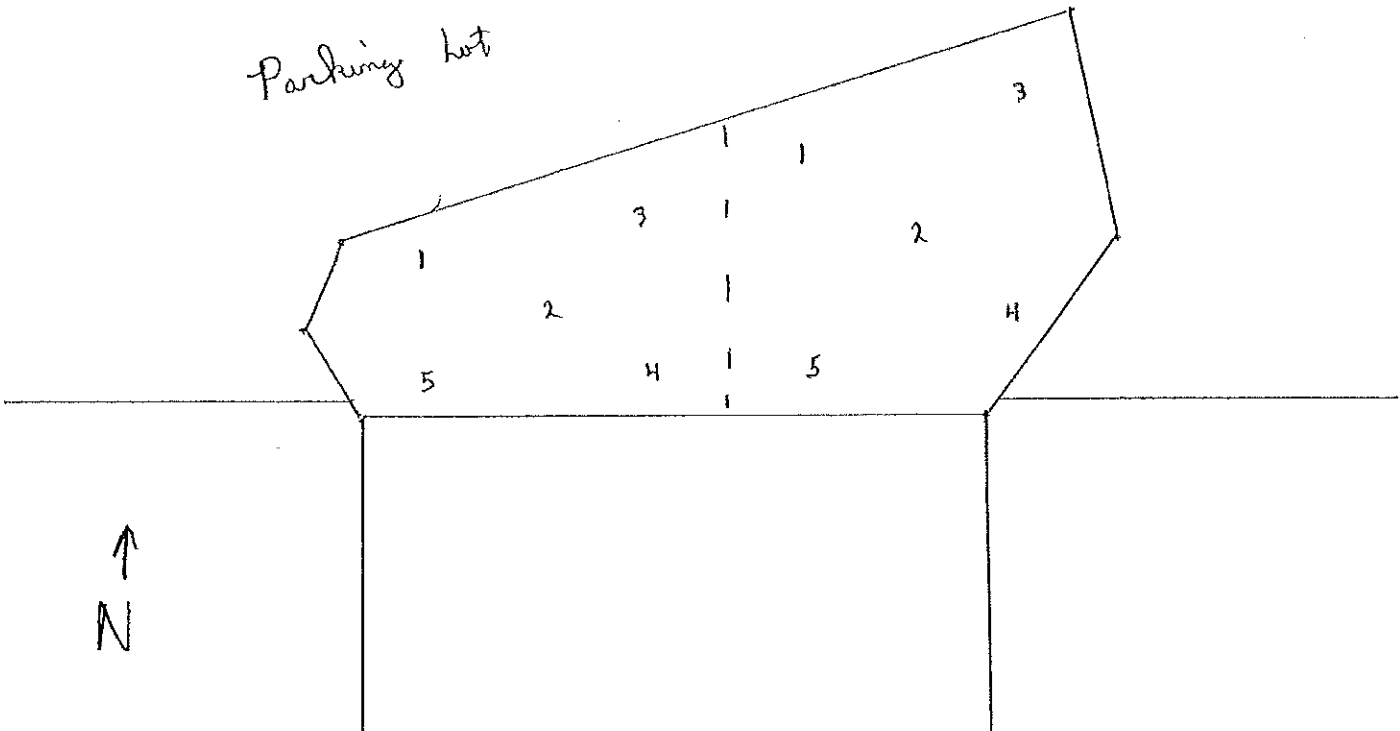
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: A composite sample of two five-point composite samples collected on the excavation floor @ 1' bgs from previously surveyed location.

Sketch Location:



Logged BY / Date: MM 24 June 11

Reviewed BY / Date: E. McDonough
6/29/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: 122GCOMP-01

Task: 118166

Sample Number: PFG6109A

Collection Date: 3/27/11

Sample Name: 122GCOMP-01-DS-PFG6109A-REG

Collection Time: 0850

Sampling Method: GRAB

Start Depth: 1' ft bgs

Sample Type: DS Sample Purpose: REG

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MMB / EMM

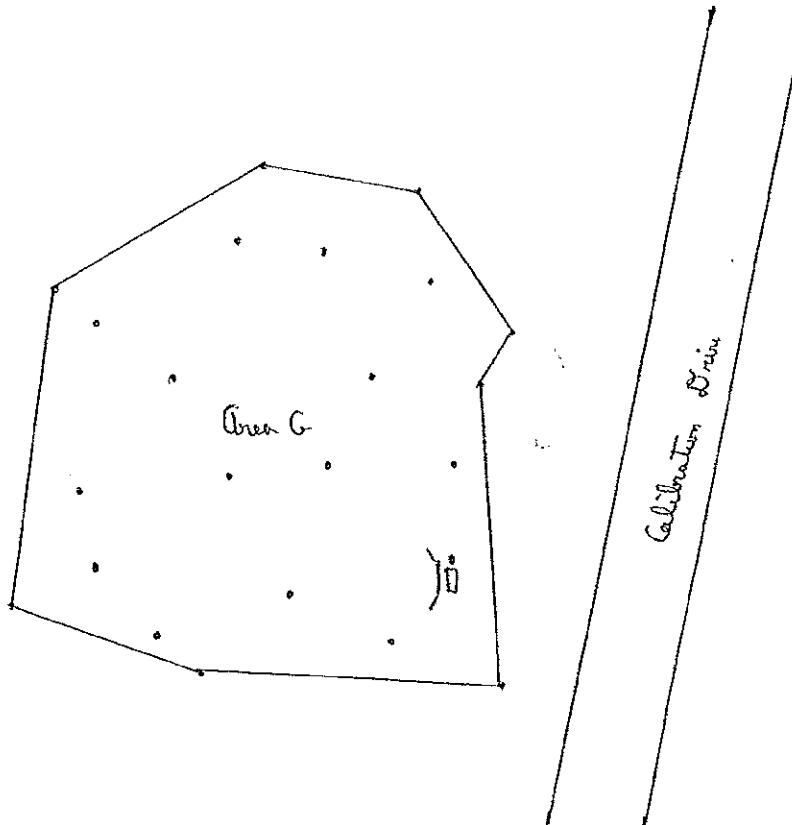
(EB) _____ (EB) _____ (EB) _____

Analytical Suite	Containers			Units	Type
	Fit	Frtn	Qty		
ARSENIC-MERCURY	N	A	1 2	oz	CWM

ERPIMS Values:
Scode: _____
Lot Control#: _____

Comments: Composite of 15 pins from 15 pins surveyed excavation floor locations @ 1 bgs

Sketch Location:



Logged BY / Date: MMB 3/27/11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: 122GCOMP-01

Task: 118166

Sample Number: PFG6109B

Collection Date: 3 Mar 11

Sample Name: 122GCOMP-01-DS-PFG6109B-REG

Collection Time: 0850

Sampling Method: GRAB

Start Depth: 1' ft bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (EB) _____

Sample Team: MJD/EM

Analytical Suite	Containers	Ft Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N A	1	2	oz	CWM	

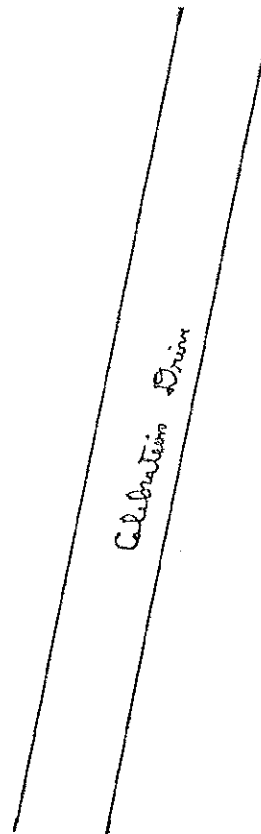
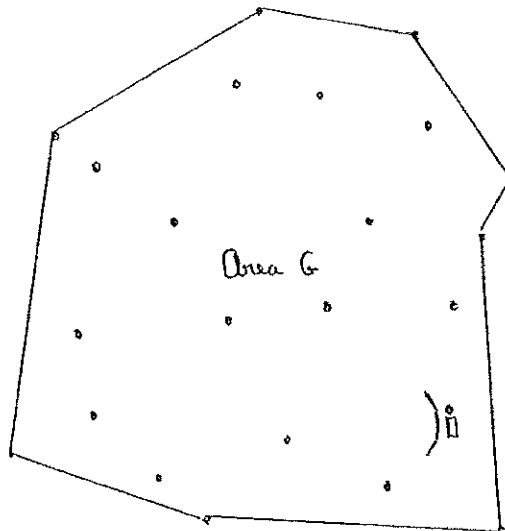
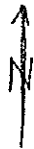
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite from 15 pre-surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: MJD 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: 122GCOMP-01

Task: 118166

Sample Number: PFG6109C

Collection Date: 3 Mar 11

Sample Name: 122GCOMP-01-DS-PFG6109C-REG

Collection Time: 0850

Sampling Method: GRAB

Start Depth: 1' ft bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: 5 liter stainless steel spoon, local sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MMA / EMM

(TB)

(ER)

(FB)

Containers

Analytical Suite Fit Frtn Qty Size Units Type

ARSENIC-MERCURY N A 1 2 oz CWM

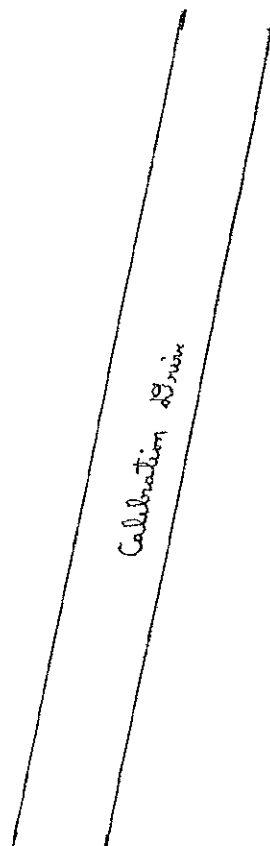
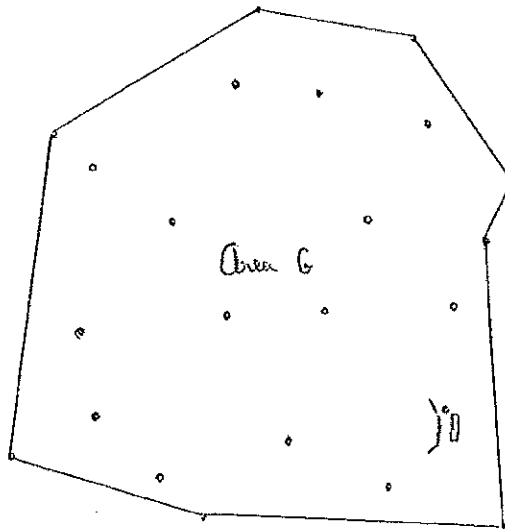
ERPIMS Values:

Sacode:

Lot Control#:

Comments: Composite from 15 pre-surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: M. Kelly 3 Mar 11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: 122GCOMP-01

Task: 118166

Sample Number: PFG6109C-MS

Collection Date: 3 Mar 11

Sample Name: 122GCOMP-01-DS-PFG6109C-MS

Collection Time: 0850

Sampling Method: GRAB

Start Depth: 1' ft bgs

Sample Type: DS

Sample Purpose: MS

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____

Sample Team: MM/EM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

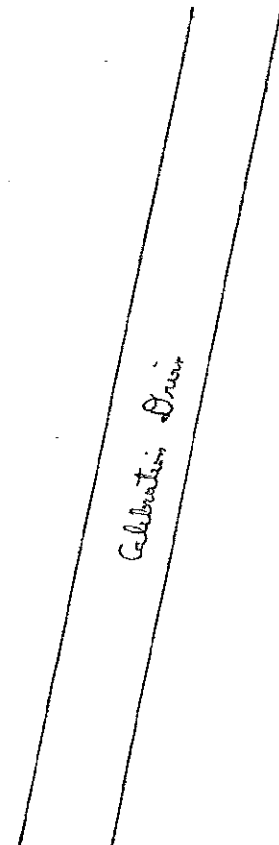
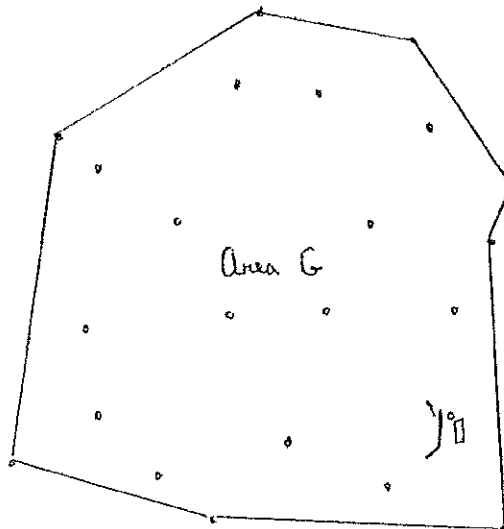
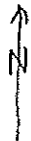
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite from 15 pre-surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: MM/EM 3 Mar 11

Reviewed BY / Date: EMcDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: PFG03032011-S-MB

Location Code: 122GCOMP-01

Task: 118166

Sample Number: PFG6109C-MSD

Collection Date: 3/27/11

Sample Name: 122GCOMP-01-DS-PFG6109C-MSD

Collection Time: 0850

Sampling Method: GRAB

Start Depth: 1' ft bgs

Sample Type: DS

Sample Purpose: MSD

End Depth: 1'

Sampling Equip: Stainless steel spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MJL/EJM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	I	2	oz	CWM
-----------------	---	---	---	---	----	-----

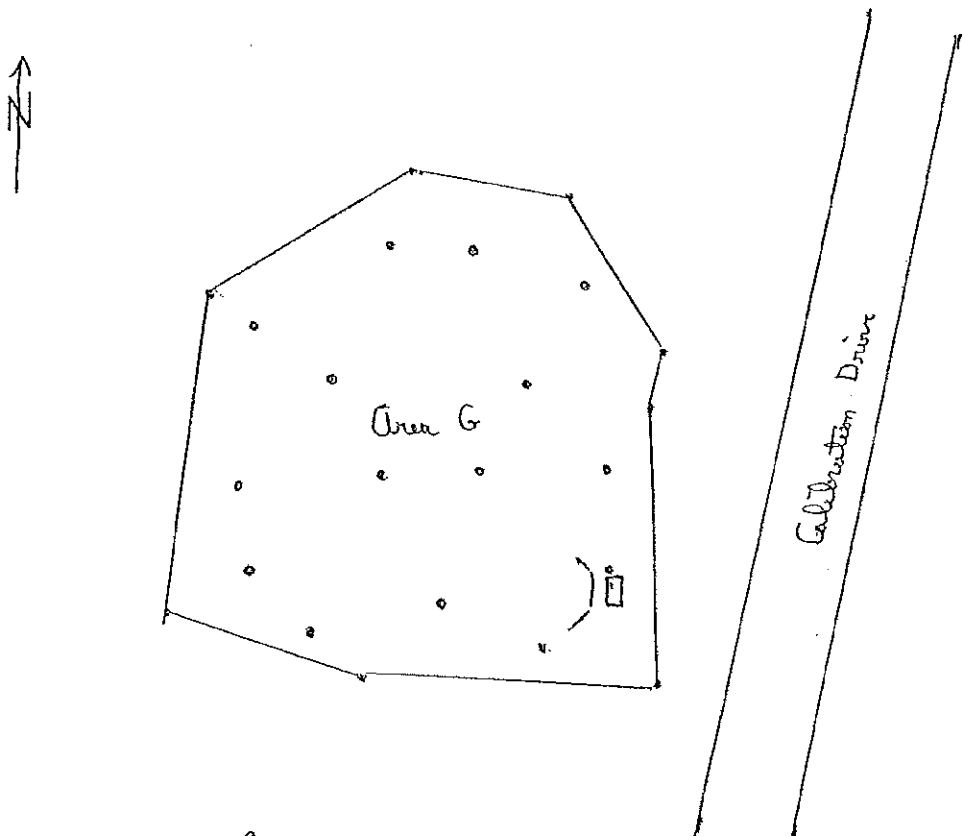
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composite from 15 pre-surveyed excavation floor locations @ 1' bgs

Sketch Location:



Logged BY / Date: MJL 3/27/11

Reviewed BY / Date: E. McDonough 3/3/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-S-MBLM

Location Code: 122HCOMP-01

Task: 118166

Sample Number: PFG6110A

Collection Date: 5 Apr 11

Sample Name: 122HCOMP-01-DS-PFG6110A-REG

Collection Time: 1555

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: 55 micron, hand, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MJL/EJM

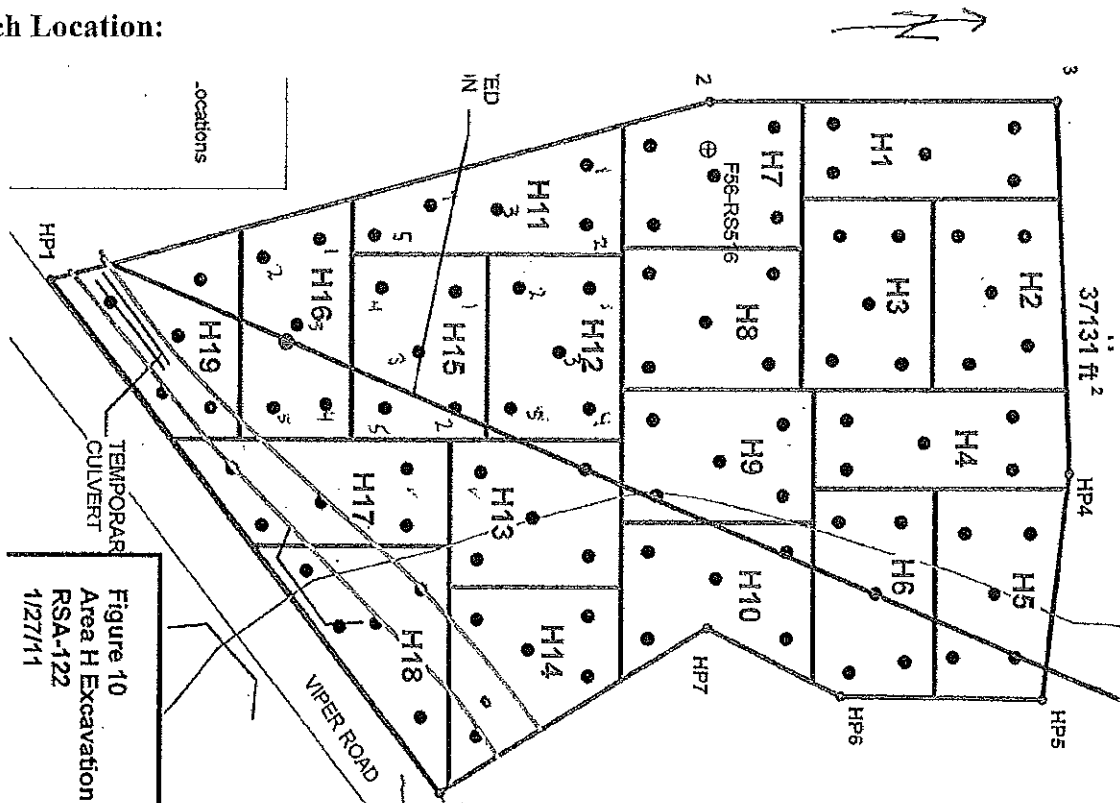
(TB) _____ (ER) _____ (EB) _____

Analytical Suite	Containers	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N A	1	2	oz	CWM		

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: Composited 19 fire paint composite samples from presurveyed sample location on the excavation floor

Sketch Location:



Logged BY / Date: MJL 5 Apr 11

Reviewed BY / Date: E. McDonough 4/12/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-5-MBLM

Location Code: 122HCOMP-01

Task: 118166

Sample Number: PFG6110B

Collection Date: 5 Apr 11

Sample Name: 122HCOMP-01-DS-PFG6110B-REG

Collection Time: 1555

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: SS spoon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MJD/ETM

(TB)

(ER)

(FB)

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

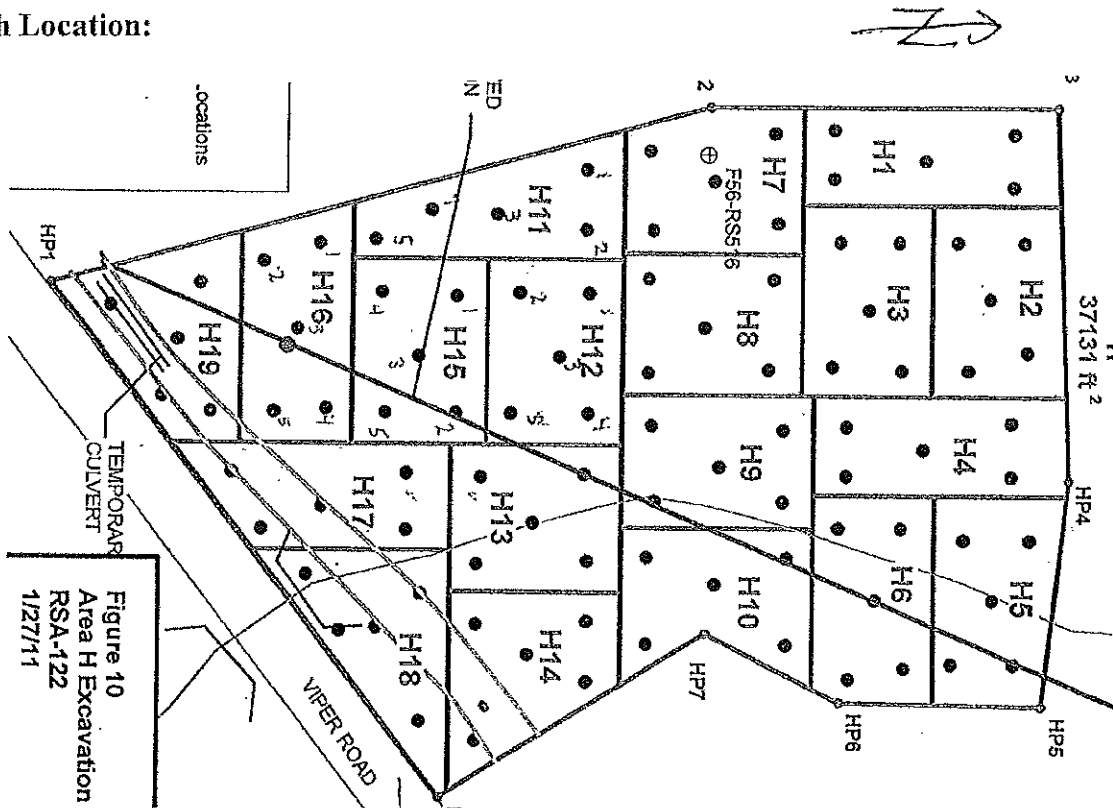
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composited 19 fine point composites @ presumed sample locations on the excavation floor

Sketch Location:



Logged BY / Date: MJD / 5 Apr 11

Reviewed BY / Date: E. McDonough 4/12/11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-040611-5-MBLM

Location Code: 122HCOMP-01

Task: 118166

Sample Number: PFG6110C

Collection Date: 5 Apr 11

Sample Name: 122HCOMP-01-DS-PFG6110C-REG

Collection Time: 1555

Sampling Method: GRAB

Start Depth: 1' bgs

Sample Type: DS

Sample Purpose: REG

End Depth: 1' bgs

Sampling Equip: 55 gallon, hand, sieve

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MMB/ETM

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

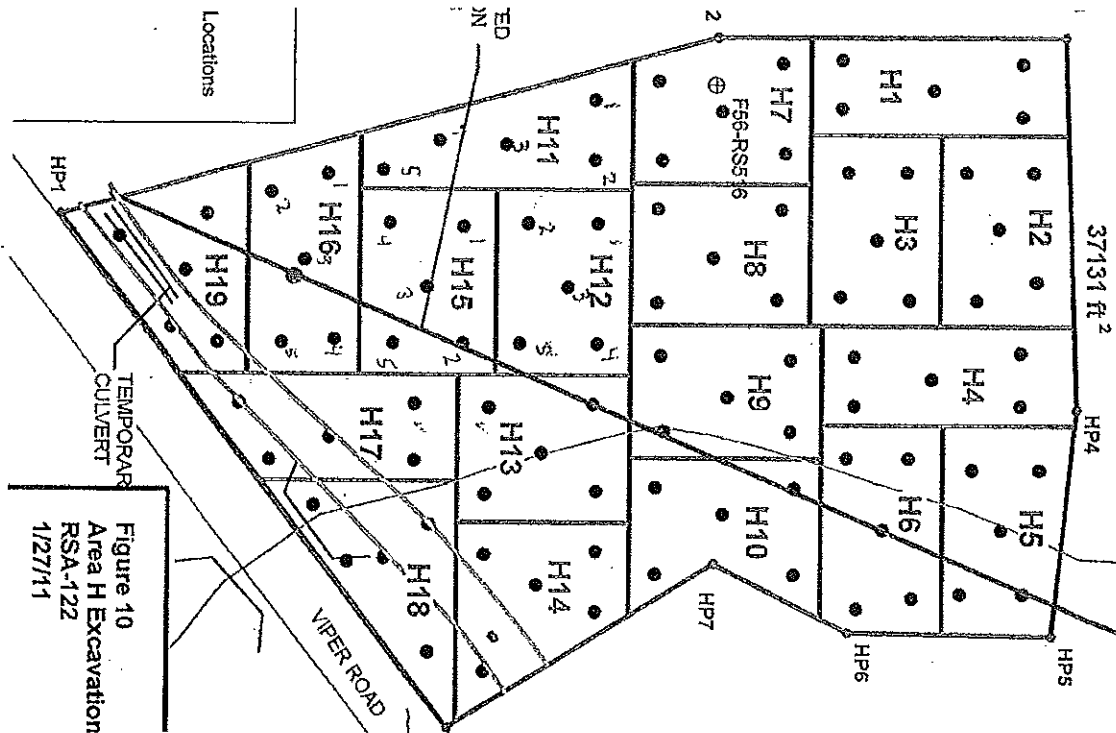
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Composited 19 five point composite sample from presurveyed sample locations on the excavation floor

Sketch Location:



Logged BY / Date: MMB / 5 Apr 11

Reviewed BY / Date: E. McDonough / 4/12/11

Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-7212011-S-MB

Location Code: 122A1PCOMPA-2
 Sample Number: PFG6156
 Sample Name: 122A1PCOMPA-2-SS-PFG6156-REG
 Sampling Method: HA
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 21-JUL-11
 Collection Time: 08:40
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

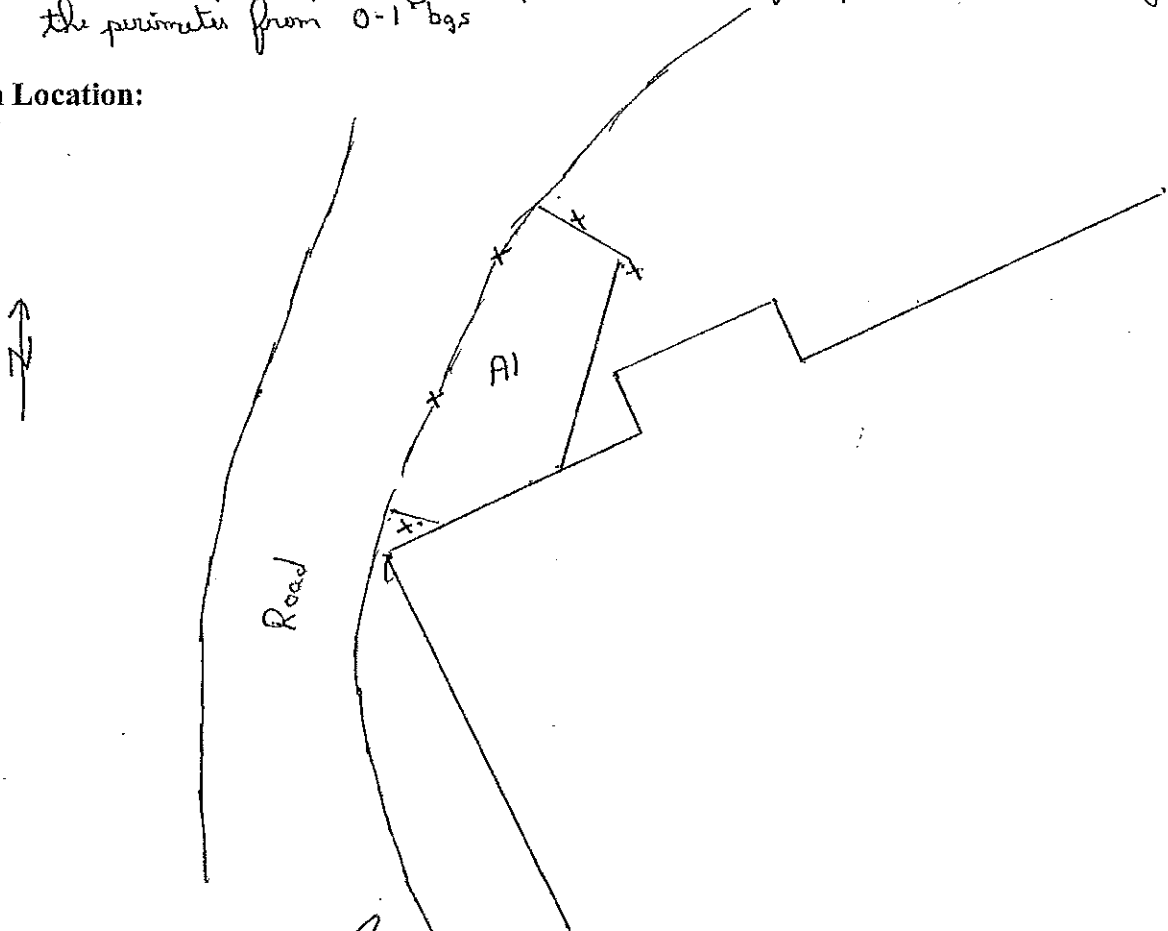
Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURI	A	1	2	oz	CWM	

ERPIMS Values:
 Socode:
 Lot Control#:

Comments:

AREA A1-2 after expanding the perimeter. A fine print composite along the perimeter from 0-1 bags

Sketch Location:



Logged BY / Date: M.H.L. 21 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-7212011-S-MB

Location Code: 122A1PCOMPB-2

Task: 118166

Sample Number: PFG6157

Collection Date: 21-JUL-11

Sample Name: 122A1PCOMPB-2-SS-PFG6157-REG

Collection Time: 08:40

Sampling Method: HA

Start Depth: 0

Sample Type: SS

Sample Purpose: REG

End Depth: 1

Sample Matrix: SOIL

Sample Team: MG

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURIUM	A	1	2	oz	CWM
-------------------	---	---	---	----	-----

ERPIMS Values:

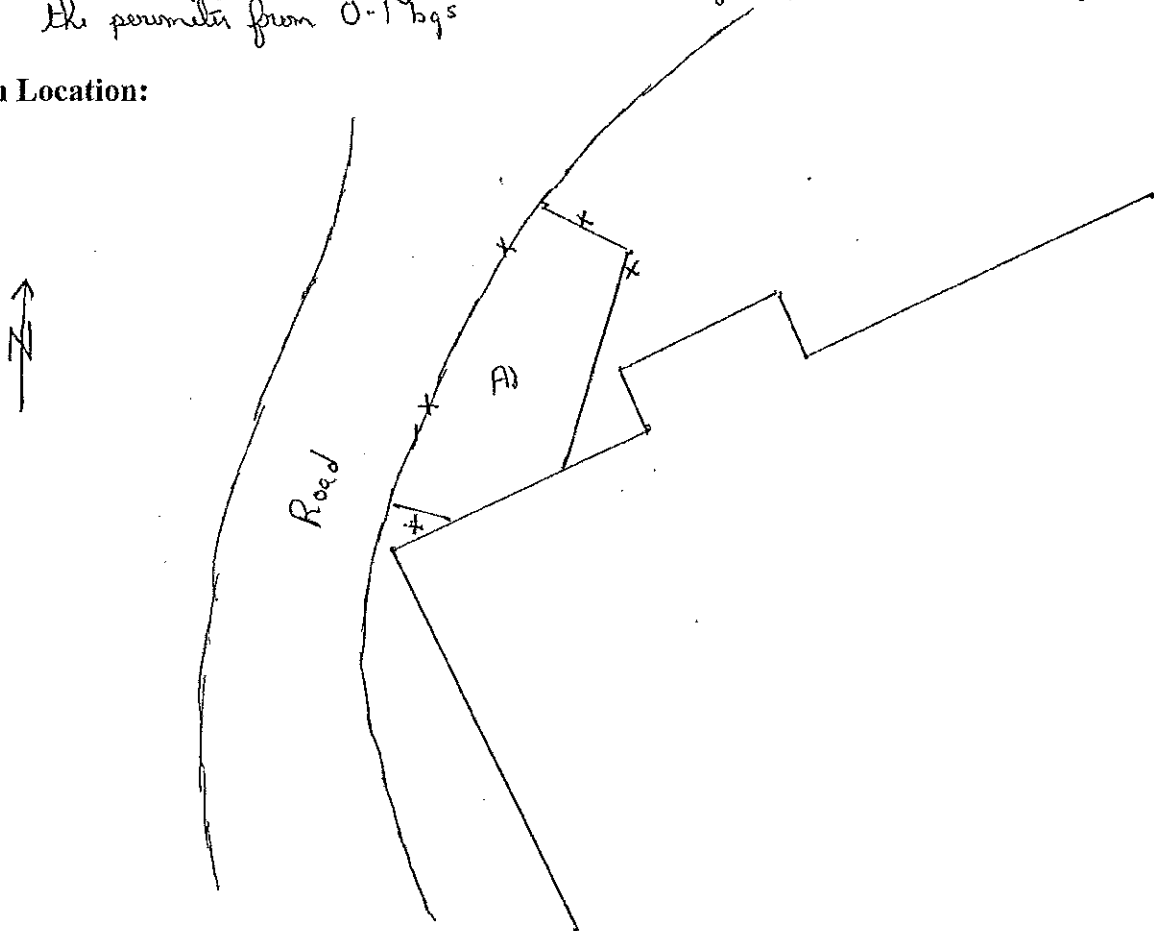
Sacode:

Lot Control#:

Comments:

AREA A1-2 after expanding the perimeter. A first point composite along the perimeter from 0-1' bgs

Sketch Location:



Logged BY / Date: M. Hill 21 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-7212011-S-MB

Location Code: 122A1PCOMPC-2
 Sample Number: PFG6158
 Sample Name: 122A1PCOMPC-2-SS-PFG6158-REG
 Sampling Method: HA
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 21-JUL-11
 Collection Time: 08:40
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

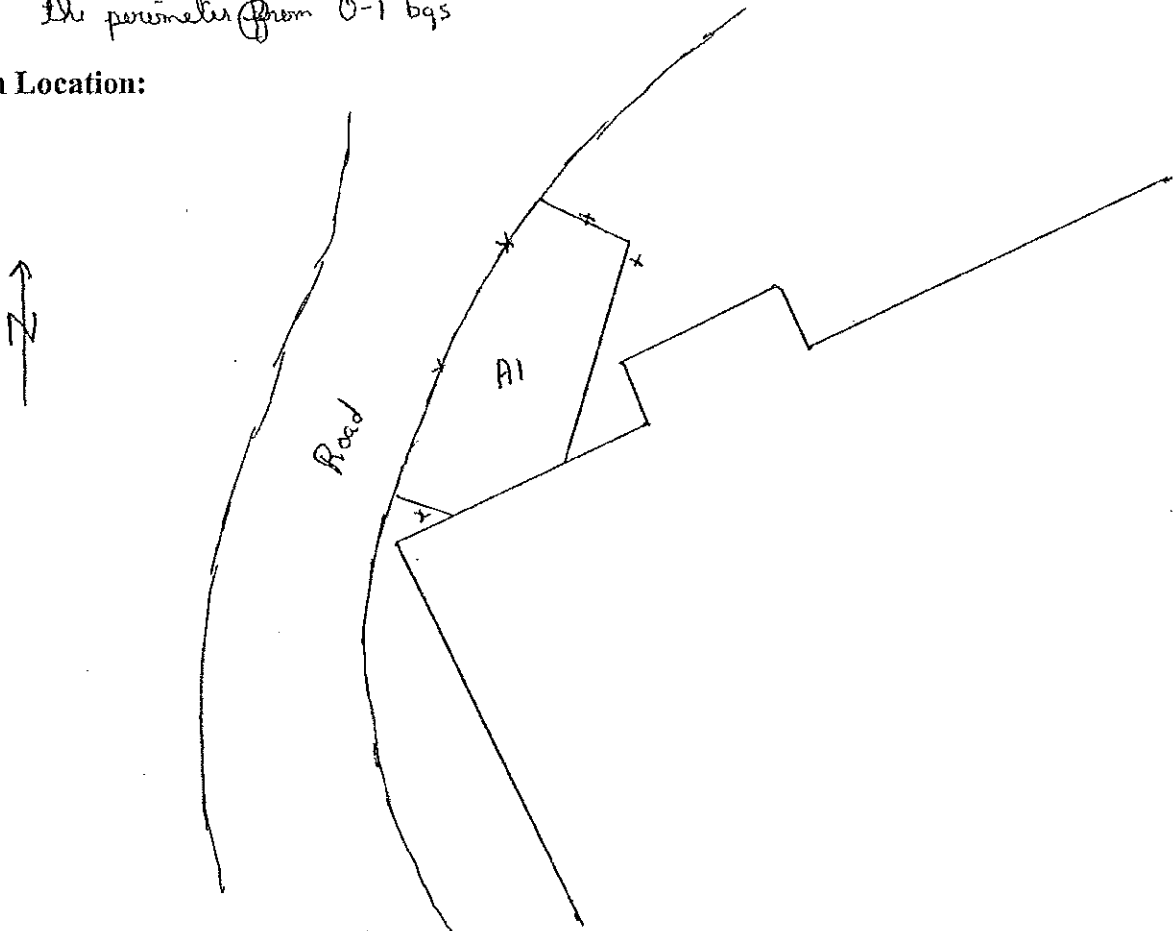
Containers					
Analytical Suite	Flt	Frtn	Qty	Size	Units Type
ARSENIC-MERCURY	A	1	2	oz	CWM

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments:

AREA A1-2 after expanding the perimeter. A five point composite along the perimeter from 0-1 bgs

Sketch Location:



Logged BY / Date: M. Hill 21 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122A2PCOMPA
 Sample Number: PFG6128
 Sample Name: 122A2PCOMPA-SS-PFG6128-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:25
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURIUM	A	1	2	oz	CWM	

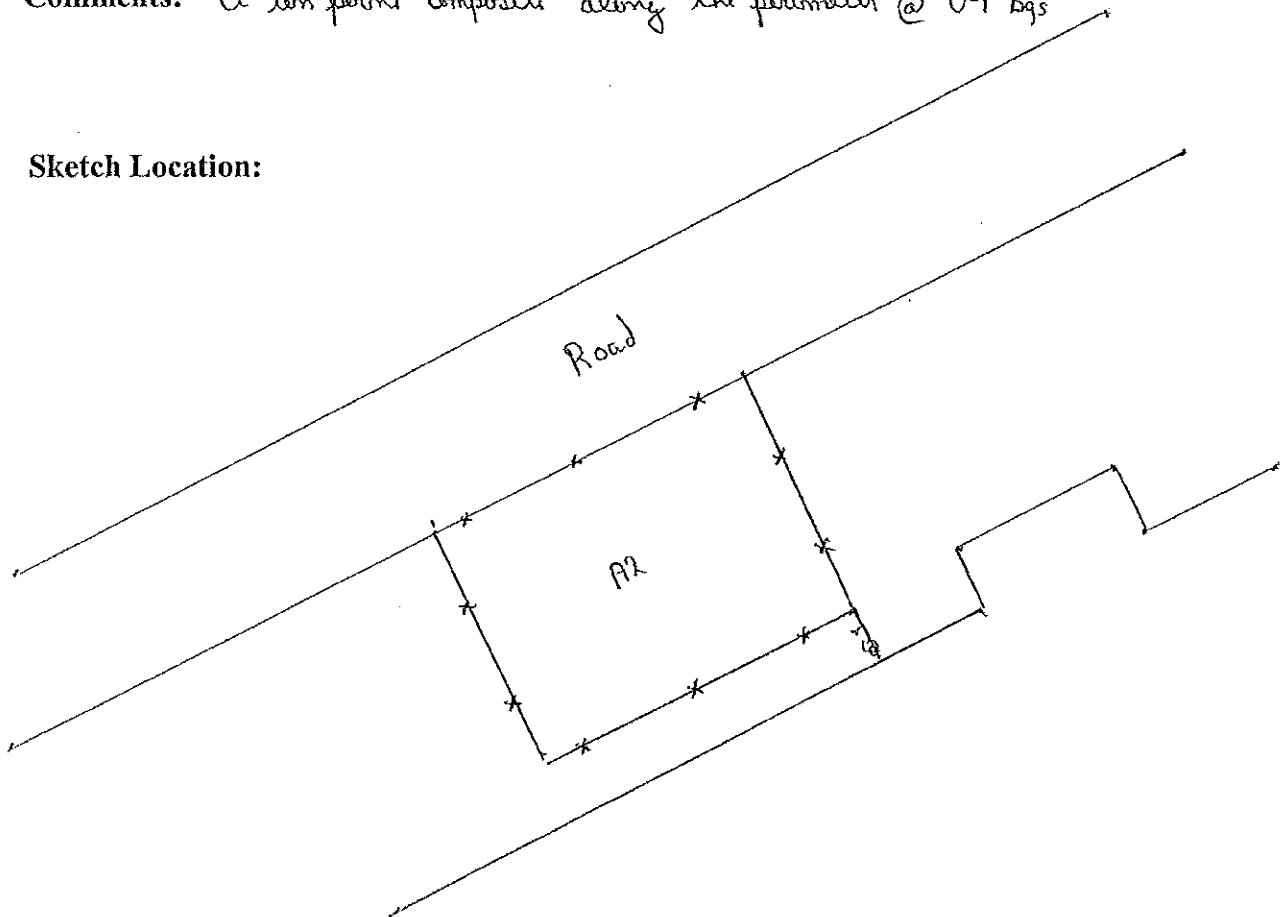
ERPIMS Values:

Sacode:

Lot Control#:

Comments: A ten point composite along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: MMH 13 July 11 Reviewed BY / Date: EMD 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122A2PCOMP
 Sample Number: PFG6129
 Sample Name: 122A2PCOMP-SS-PFG6129-REG
 Sampling Method: GRAB
 Sample Type: SS

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:25
 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-MERCUIN	A	1	2	oz	CWM	

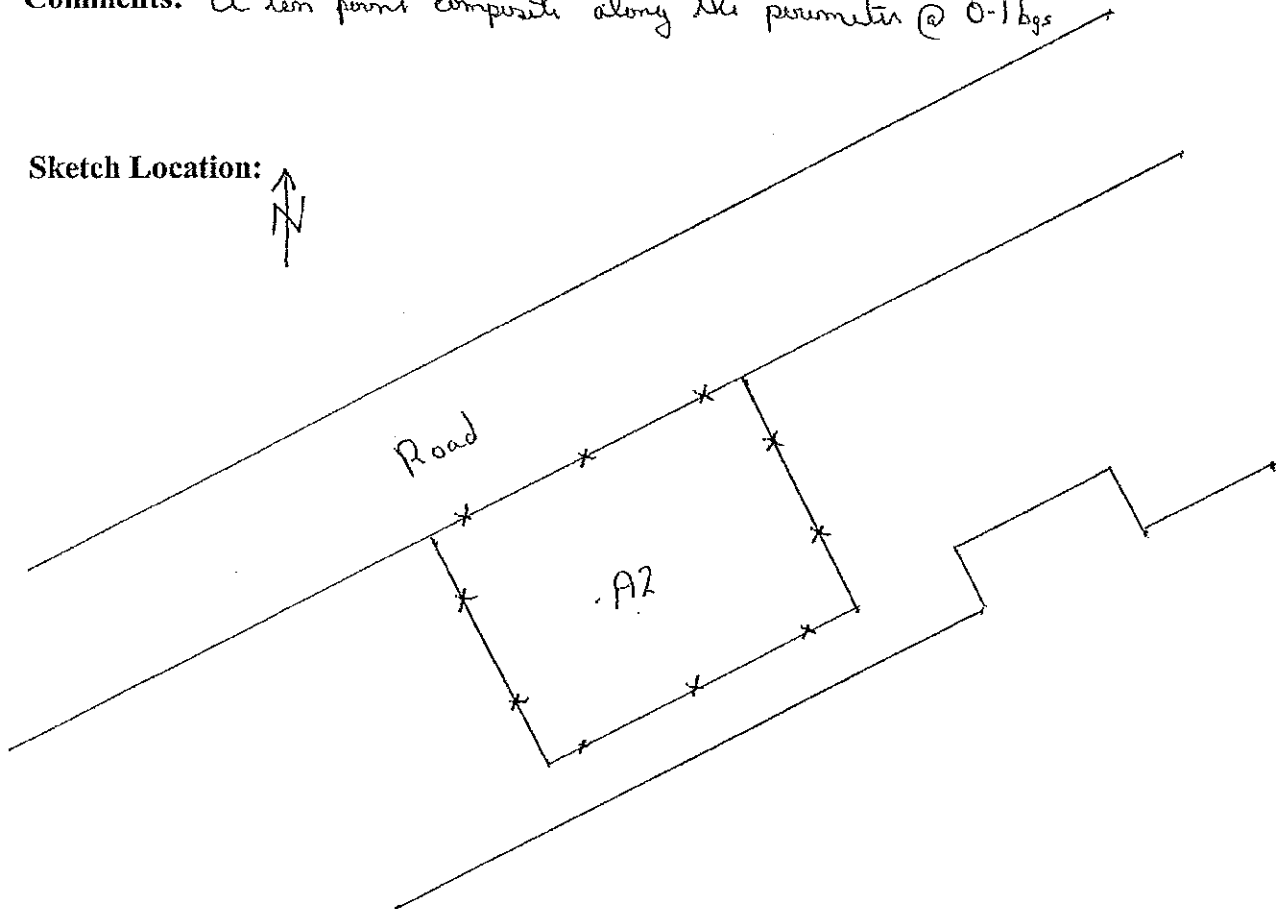
ERPIMS Values:

Sacode:

Lot Control#:

Comments: A ten point composite along the perimeter @ 0-1 bgs

Sketch Location:



Logged BY / Date: J. H. H. 13 July 11

Reviewed BY / Date: E. McDermott 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122A2PCOMPC
 Sample Number: PFG6130
 Sample Name: 122A2PCOMPC-SS-PFG6130-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

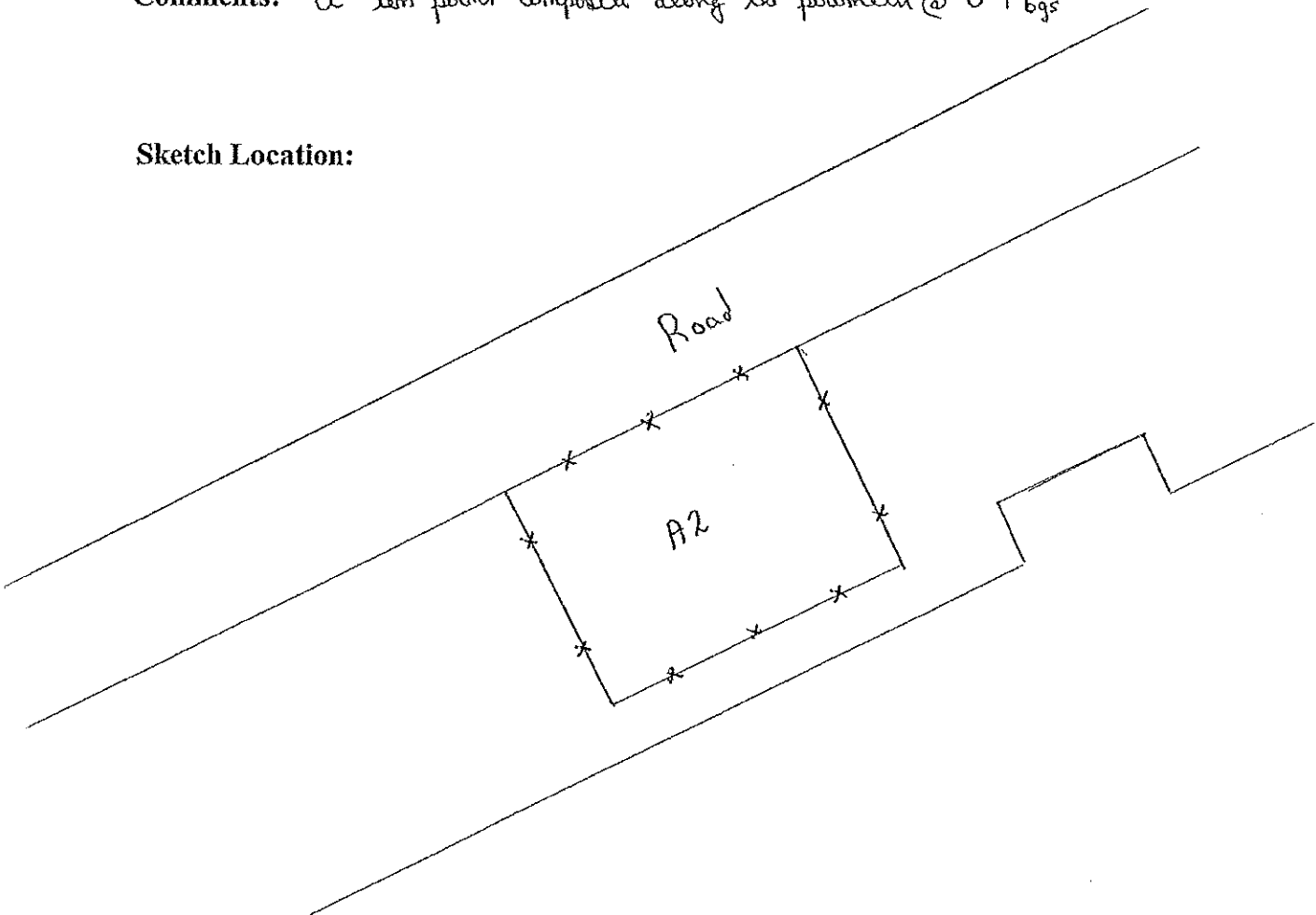
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:25
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	A	1	2	oz	CWM	

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A ten point composite along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: J. Koelsch 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122A3PCOMPA
 Sample Number: PFG6131
 Sample Name: 122A3PCOMPA-SS-PFG6131-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:30
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCUIN A	1	2	oz	CWM		

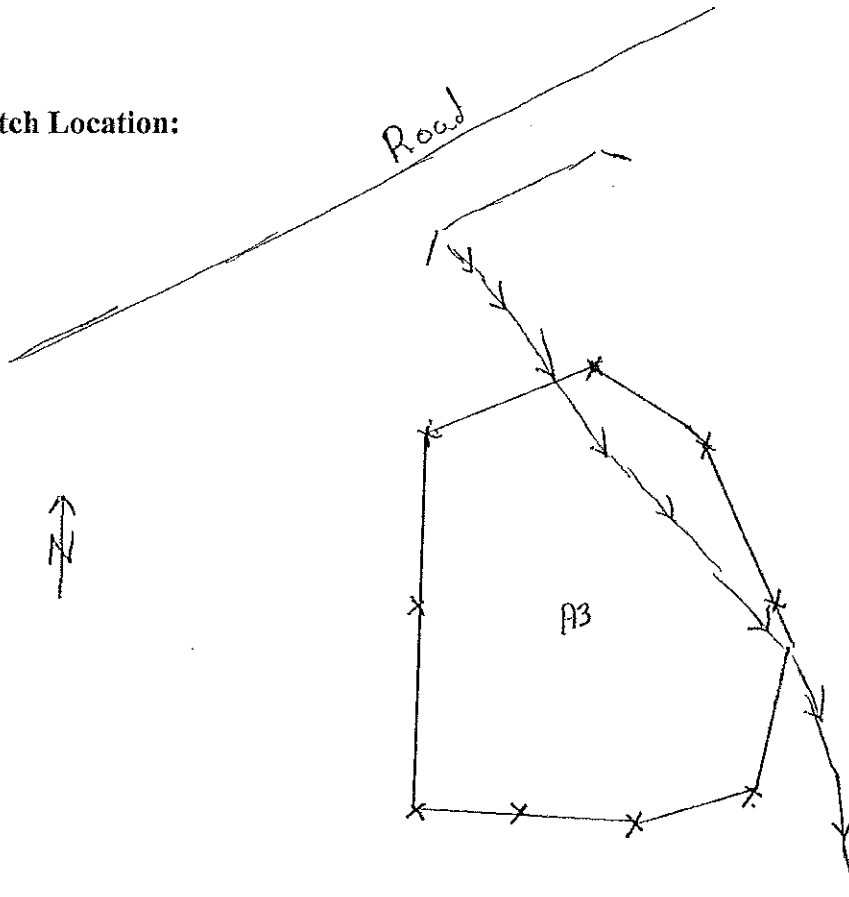
ERPIMS Values:

Sacode:

Lot Control#:

Comments: A ten point composite collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. Hela 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122A3PCOMP
 Sample Number: PFG6132
 Sample Name: 122A3PCOMP-SS-PFG6132-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:30
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

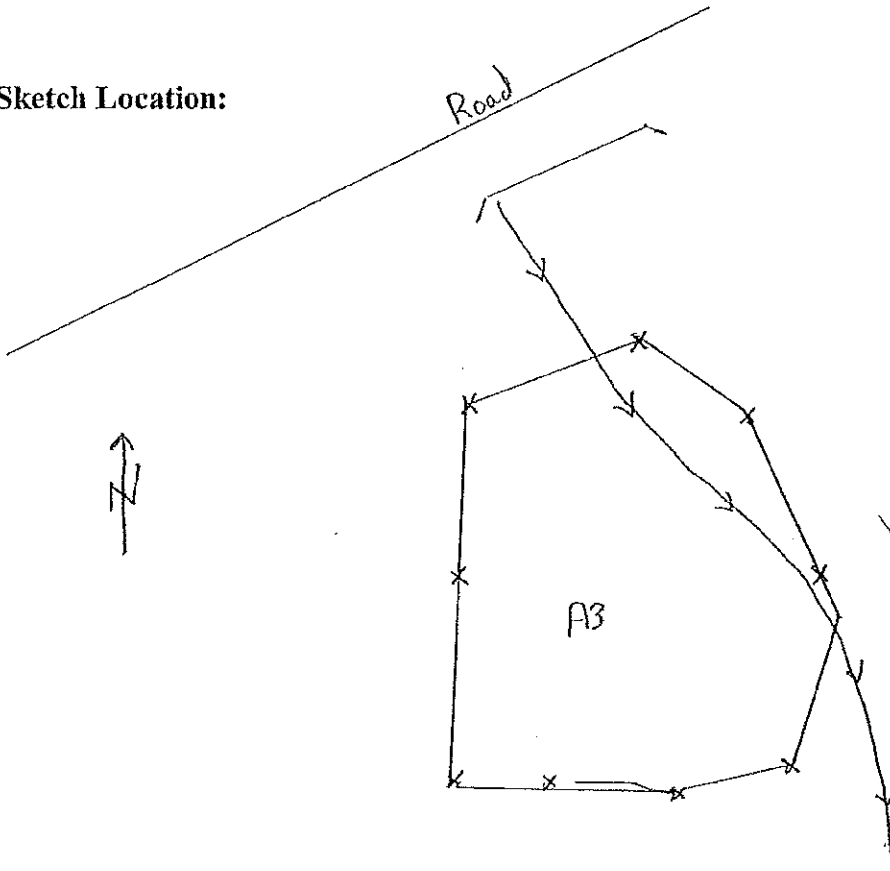
Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURIUM	A	1	2	oz	CWM	

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A ten point composite collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. Hill 13 July 11

Reviewed BY / Date: G. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122A3PCOMPC
 Sample Number: PFG6133
 Sample Name: 122A3PCOMPC-SS-PFG6133-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

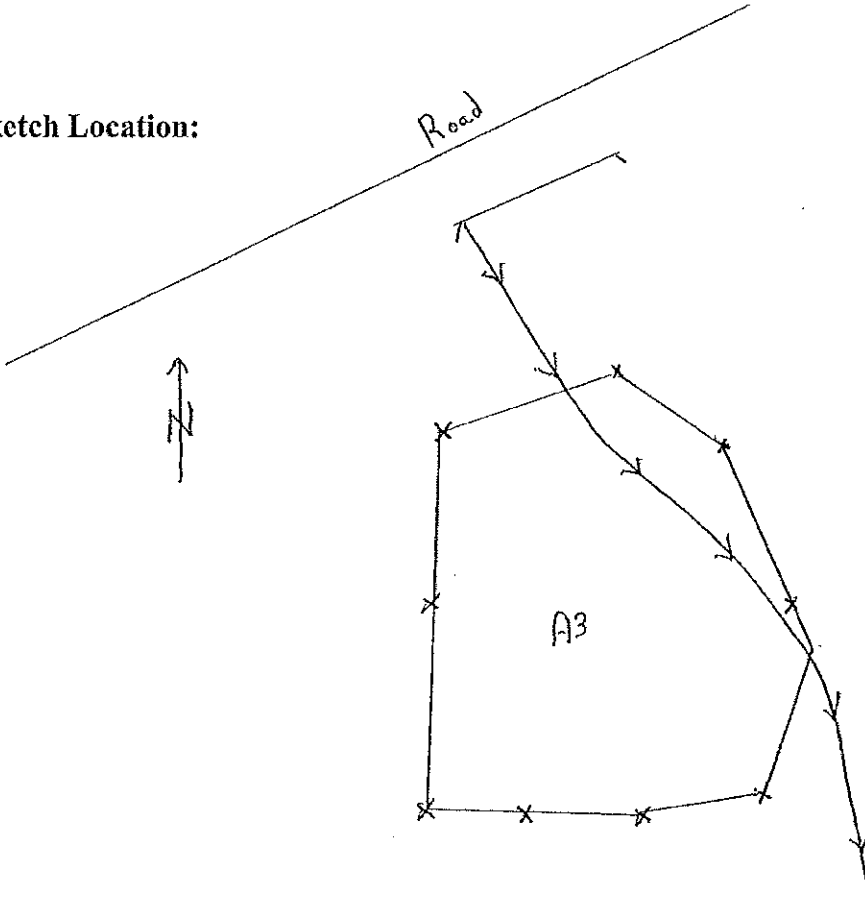
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:30
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCUIN	A	1	2	oz	CWM	

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A ten point composite collected @ 0-1 bgs

Sketch Location:



Logged BY / Date: M. L. H. 13 July 11 Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122BPCOMPA
 Sample Number: PFG6152
 Sample Name: 122BPCOMPA-SS-PFG6152-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

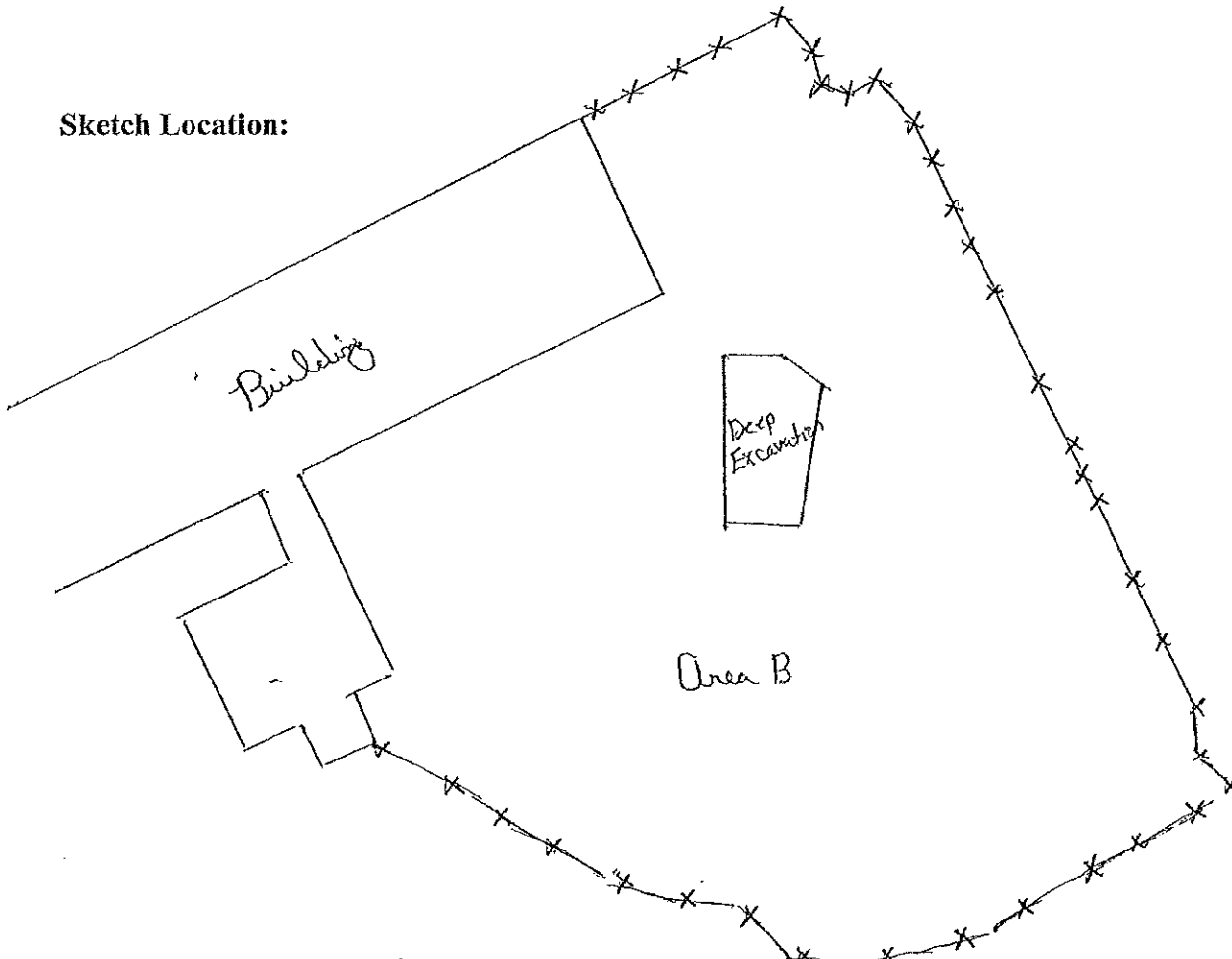
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 8:15
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURI	A	1	2	oz	CWM	

ERPIMS Values:
 Sncode:
 Lot Control#:

Comments:

Sketch Location:



Logged BY / Date: M. J. [Signature] 13 July 11

Reviewed BY / Date: G. McDonough 8-1-11

Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122BPCOMP
 Sample Number: PFG6153
 Sample Name: 122BPCOMP-SS-PFG6153-REG
 Sampling Method: GRAB
 Sample Type: SS

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 8:15
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

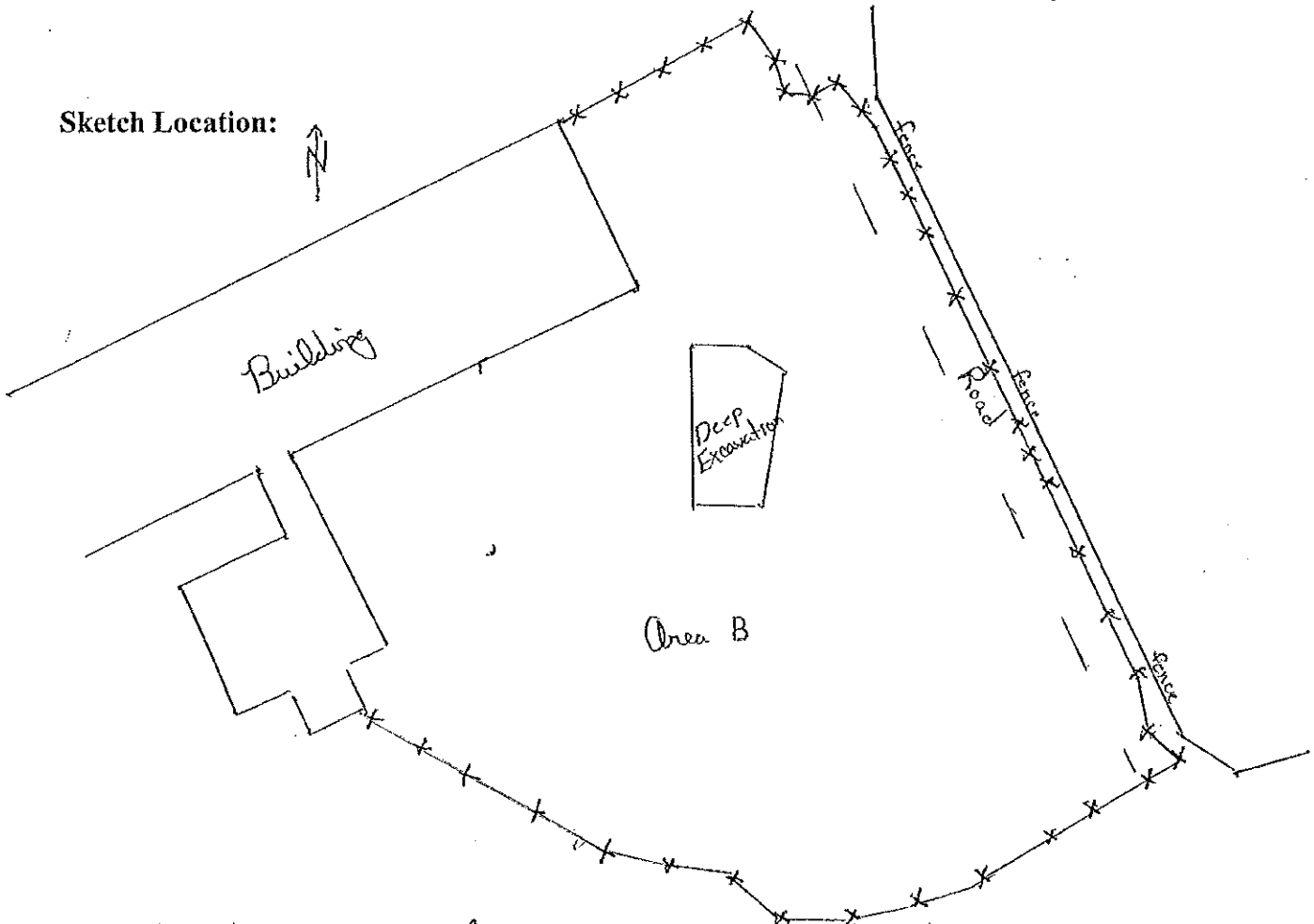
Sample Purpose: REG

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURI	A	1	2	oz	CWM	

ERPIMS Values:
 Saco: _____
 Lot Control#: _____

Comments: A forty point composite from along the perimeter @ 0-1 bgs

Sketch Location:



Logged BY / Date: J. J. [Signature] 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122BPCOMPC
 Sample Number: PFG6154
 Sample Name: 122BPCOMPC-SS-PFG6154-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

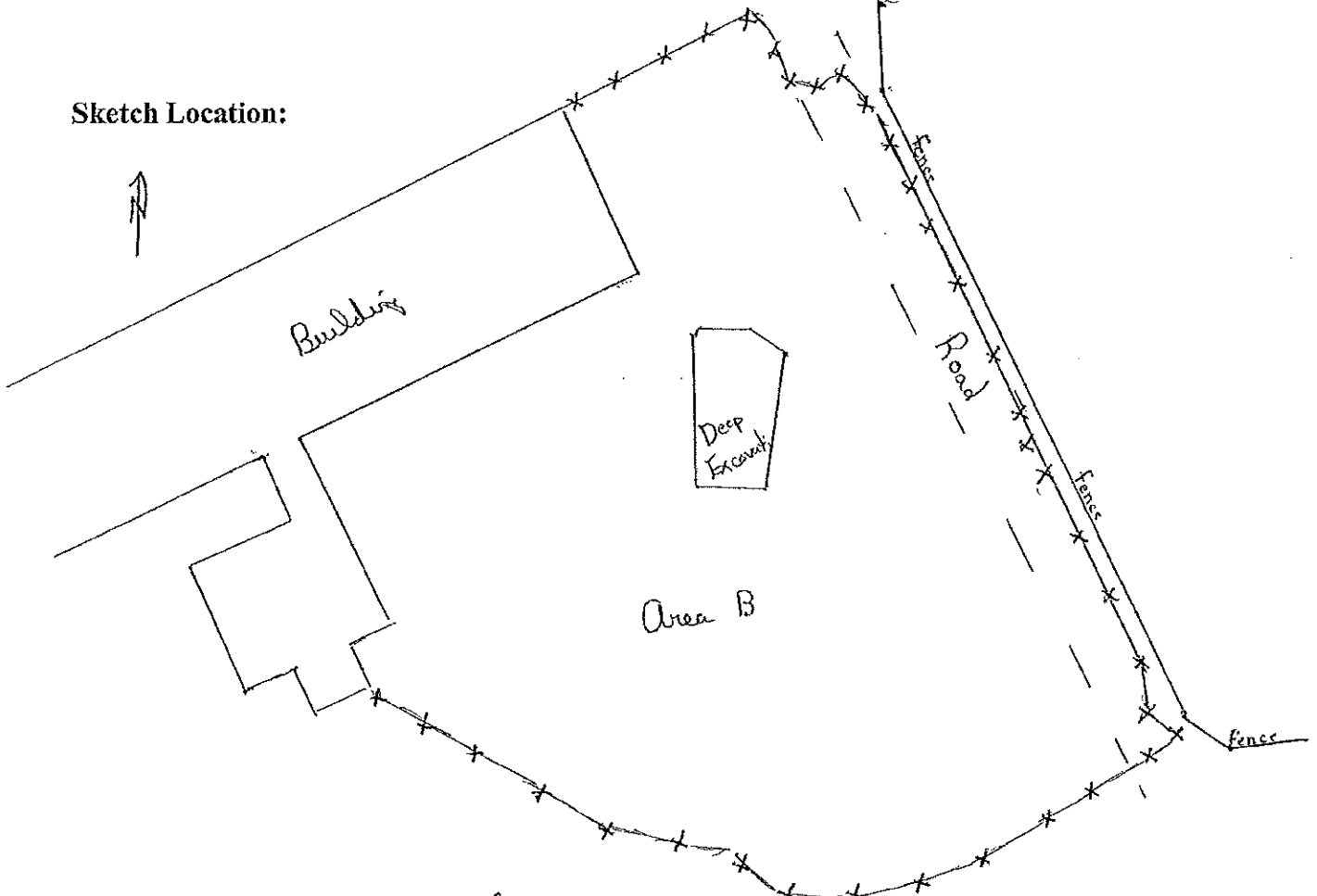
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 8:15
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers						
Analytical Suite	Flt	Ertn	Qty	Size	Units	Type
ARSENIC-MERCUIN A	1	2	oz	CWM		

ERPIMS Values:
 Socode:
 Lot Control#:

Comments: A forty point composite from along the perimeter @ 0.1' bgs

Sketch Location:



Logged BY / Date: M. Zulu 13 July 11

Reviewed BY / Date: E. McDermott 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122DPCOMPA
 Sample Number: PFG6134
 Sample Name: 122DPCOMPA-SS-PFG6134-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

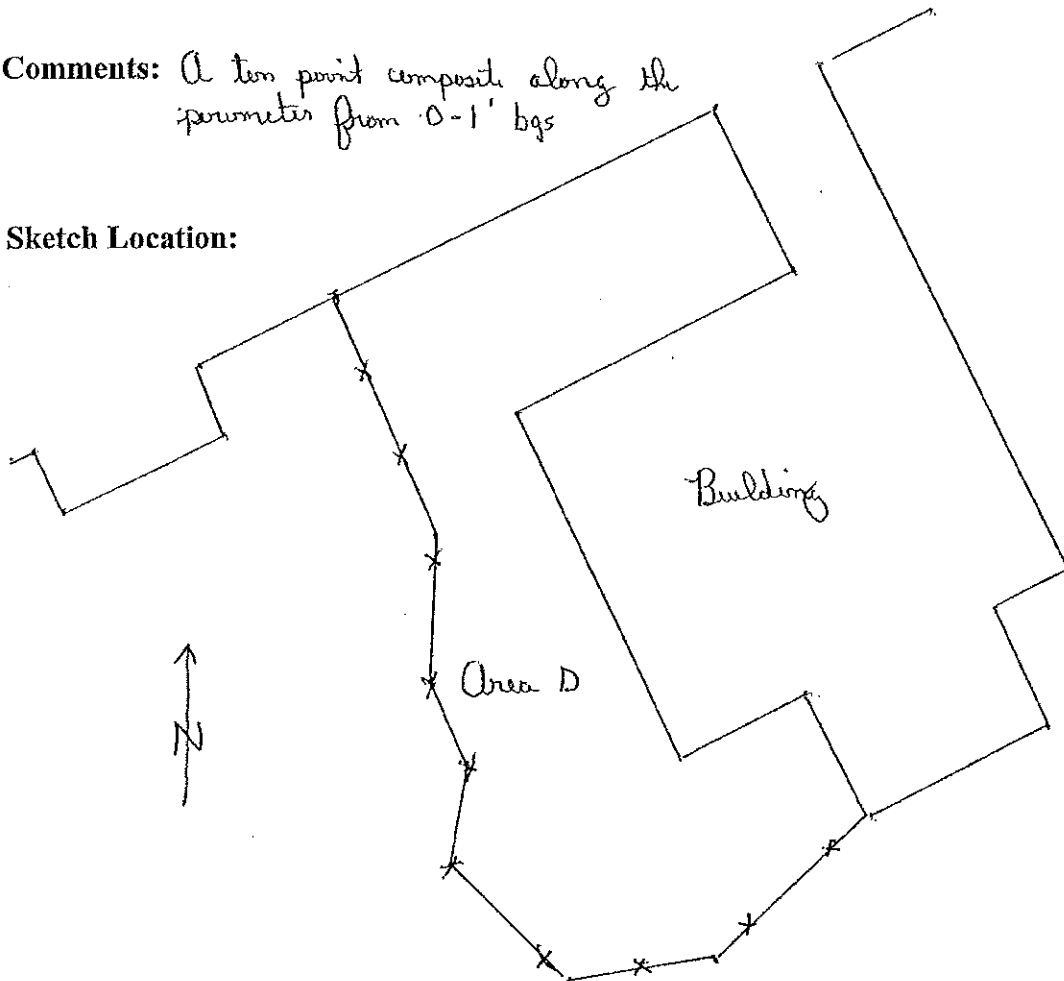
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:35
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCUIN A	1	2	oz	CWM		

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A ten point composite along the perimeter from 0-1' bgs

Sketch Location:



Logged BY / Date: M. H. H. 13 July 11

Reviewed BY / Date: P. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

REA / COC Number: 122-071311-S-MBLM

Location Code: 122DPCOMP
 Sample Number: PFG6135
 Sample Name: 122DPCOMP-SS-PFG6135-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

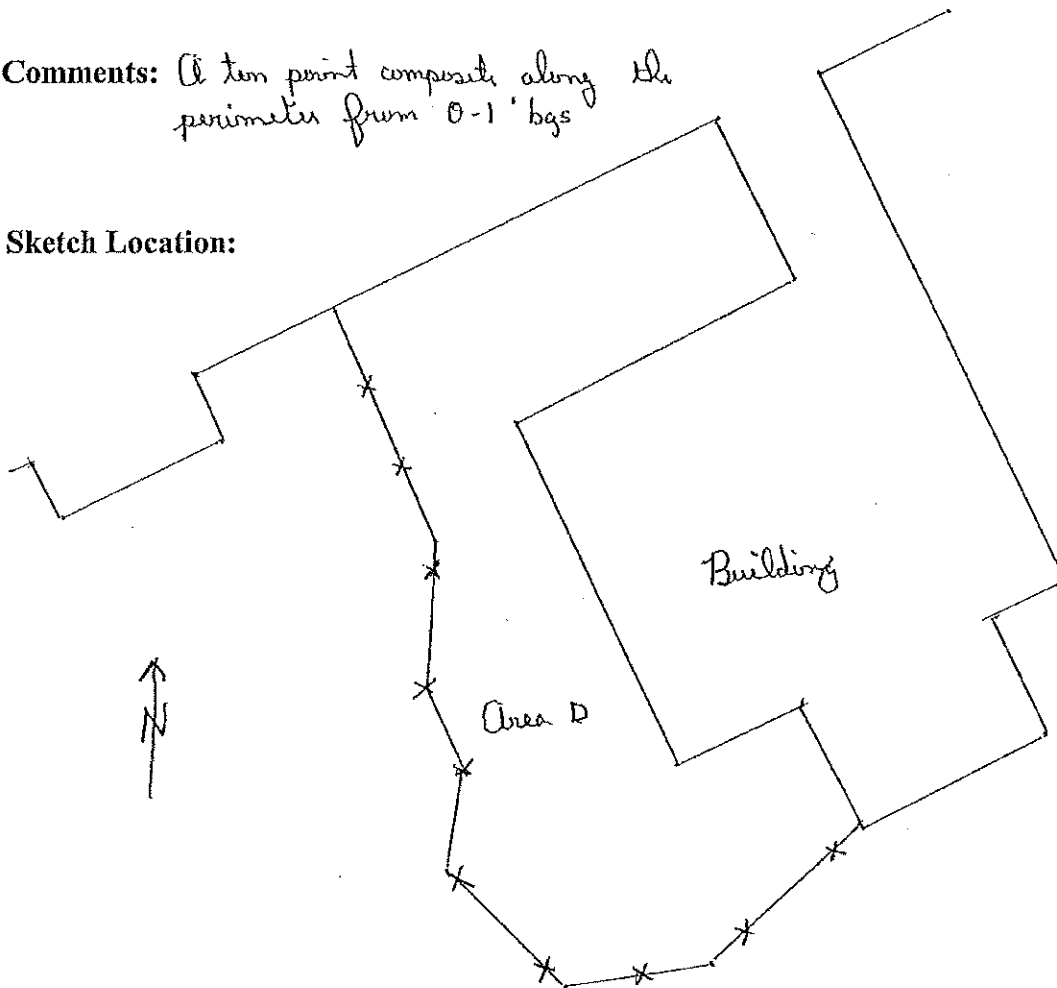
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:35
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCUIN	A	1	2	oz	CWM	

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A ten point composite along the perimeter from 0-1' bgs

Sketch Location:



Logged BY / Date: M. G. H. 13 July 11

Reviewed BY / Date: G. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122DPCOMPC
 Sample Number: PFG6136
 Sample Name: 122DPCOMPC-SS-PFG6136-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:35
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURI	A	1	2	oz	CWM	

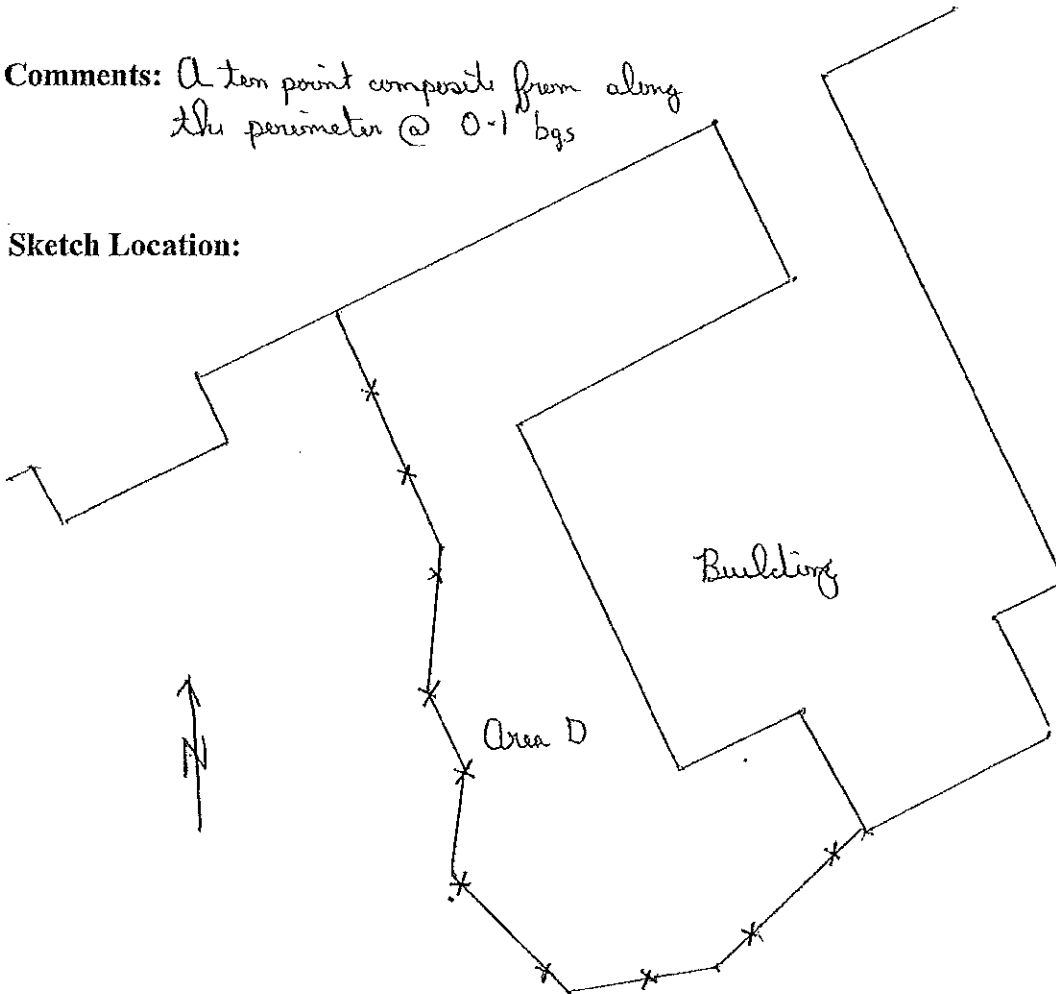
ERPIMS Values:

Sacode:

Lot Control#:

Comments: A ten point composite from along the perimeter @ 0-1 bgs

Sketch Location:



Logged BY / Date: J.J. Hill 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11

Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122EPCOMPA
 Sample Number: PFG6137
 Sample Name: 122EPCOMPA-SS-PFG6137-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:40
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers

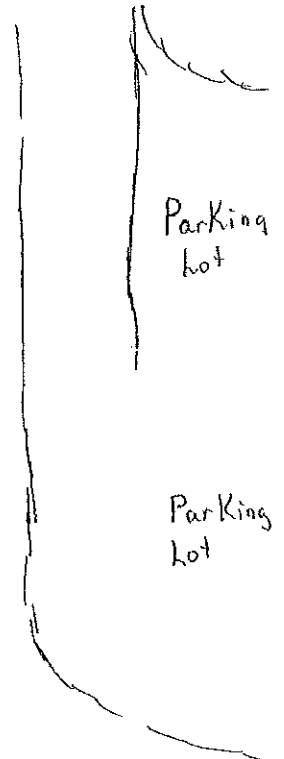
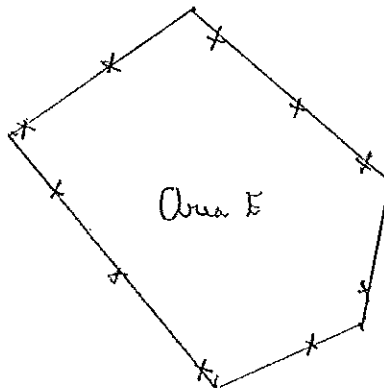
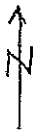
Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURIUM A 1 2 oz CWM

ERPIMS Values:
 Sncode:
 Lot Control#:

Comments: A ten point composite collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. Miller 13 July 11

Reviewed BY / Date: C. McDonough 8-1-11

Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122EPCOMPB
 Sample Number: PFG6138
 Sample Name: 122EPCOMPB-SS-PFG6138-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

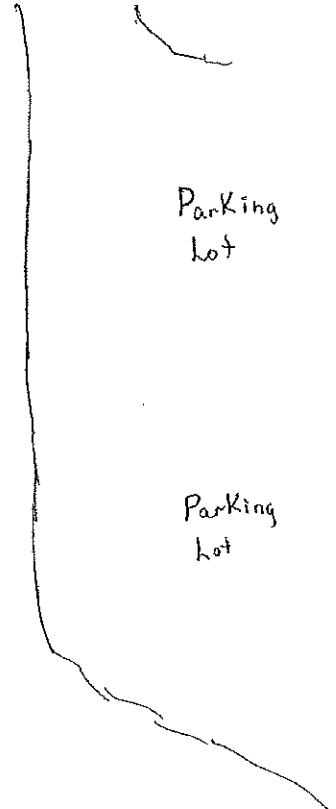
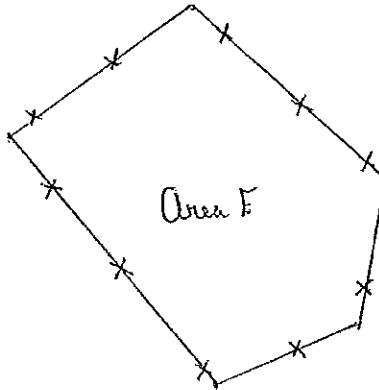
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:40
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers					
Analytical Suite	Flt	Frtn	Qty	Size	Units Type
ARSENIC-MERCURI	A	1	2	oz	CWM

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A ten point composite collected along the perimeter @ 0-1 bgs

Sketch Location:



Logged BY / Date: M. Hill 13 Jul 11

Reviewed BY / Date: C. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122EPCOMPC
 Sample Number: PFG6139
 Sample Name: 122EPCOMPC-SS-PFG6139-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:40
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

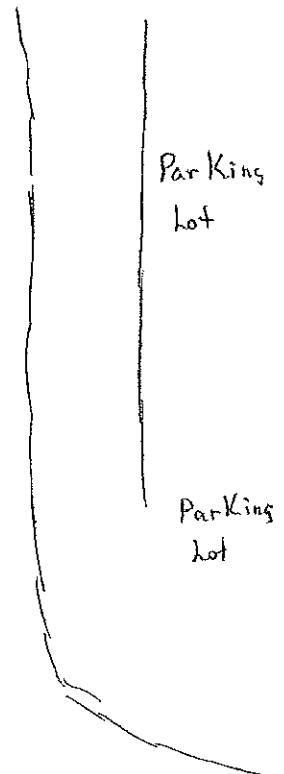
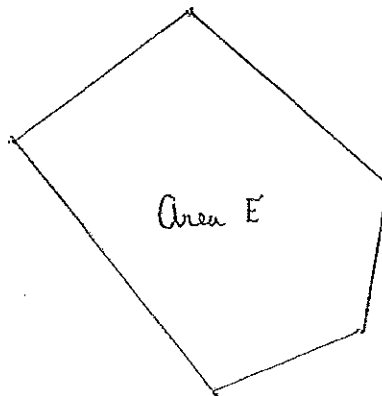
Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURI	A	1	2	oz	CWM	

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A ten point composite sample collect along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. G. Hill 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122F1PCOMPA
 Sample Number: PFG6140
 Sample Name: 122F1PCOMPA-SS-PFG6140-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

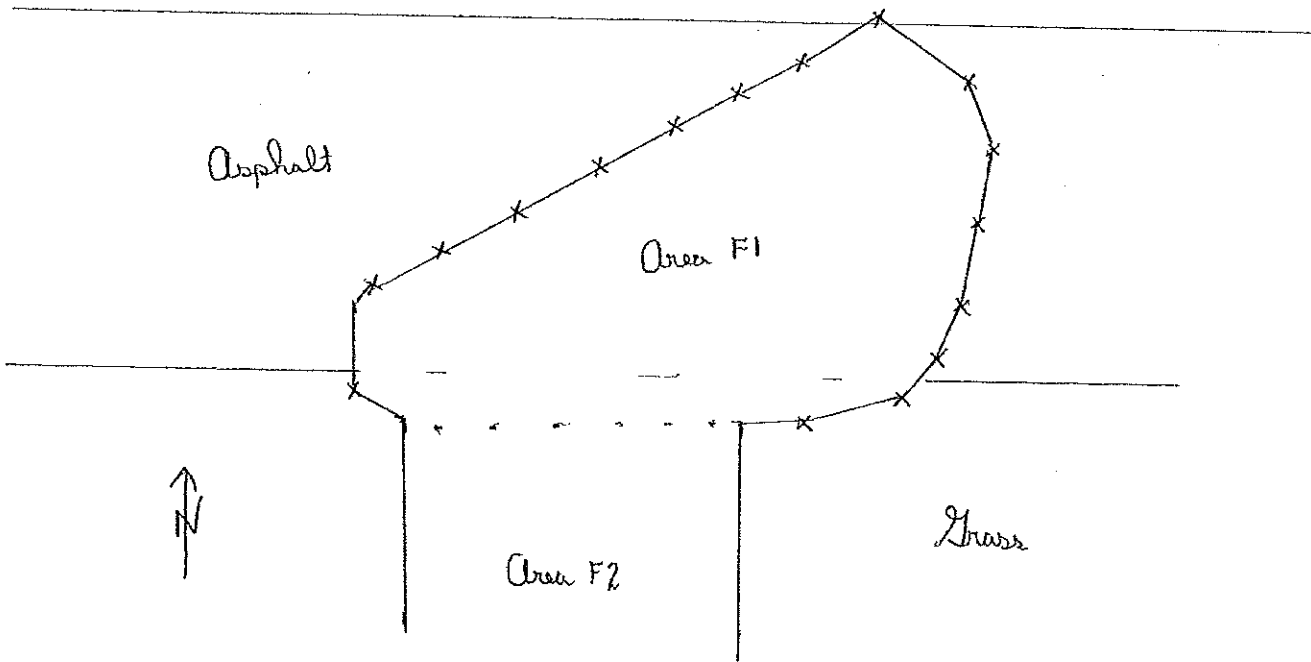
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:45
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers				
Analytical Suite	Flt	Frtn	Qty	Size Units Type
ARSENIC-MERCURY	A	1	2	oz CWM

ERPIMS Values:
 Scode:
 Lot Control#:

Comments: A fifteen point composite from along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. Hils 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122F1PCOMP
 Sample Number: PFG6141
 Sample Name: 122F1PCOMP-SS-PFG6141-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

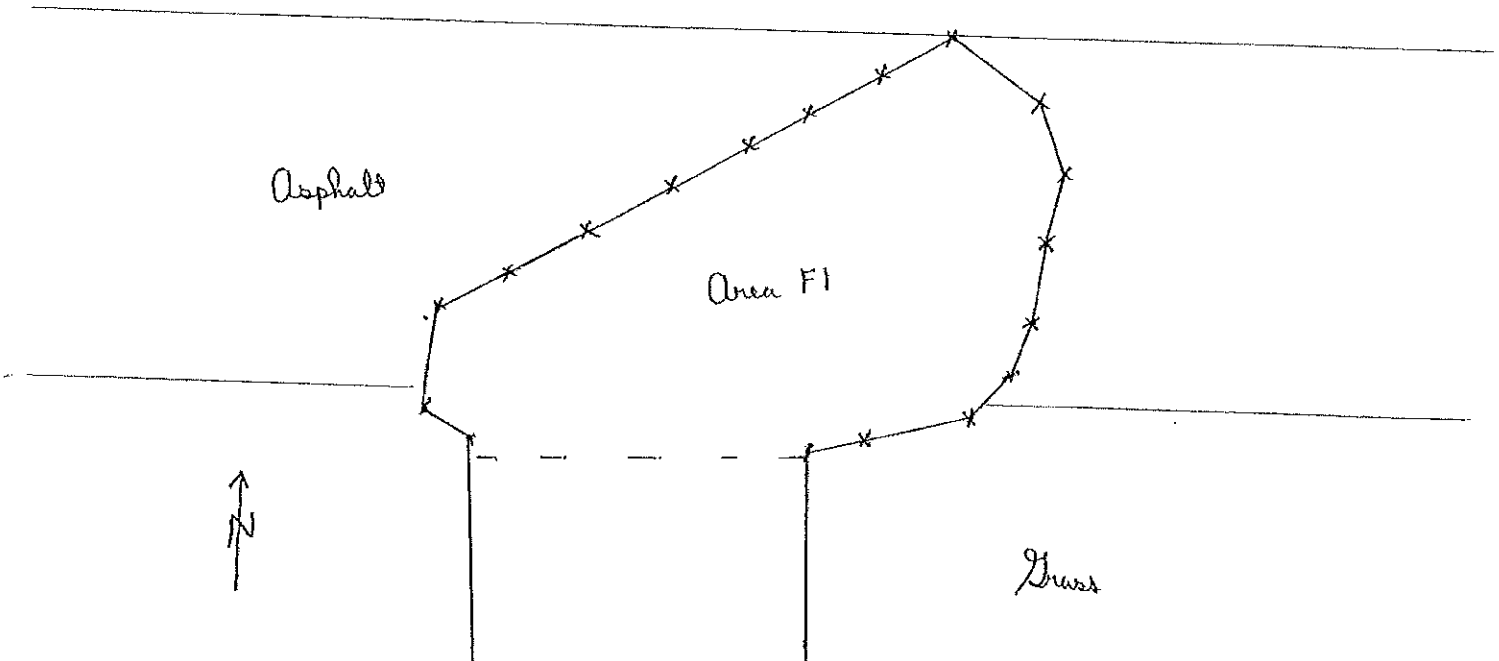
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:45
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Analytical Suite	Containers		Flt Frtn Qty	Size	Units	Type
ARSENIC-MERCURY	A	1	2	oz	CWM	

ERPIMS Values:
 Scode:
 Lot Control#:

Comments: A fifteen point composite from along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. Helms 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122F1PCOMPC
Sample Number: PFG6142
Sample Name: 122F1PCOMPC-SS-PFG6142-REG
Sampling Method: GRAB
Sample Type: SS

Task: 118166
Collection Date: 13-JUL-11
Collection Time: 07:45
Start Depth: 0
End Depth: 1
Sample Matrix: SOIL
Sample Team: MG

Sample Purpose: REG

Containers

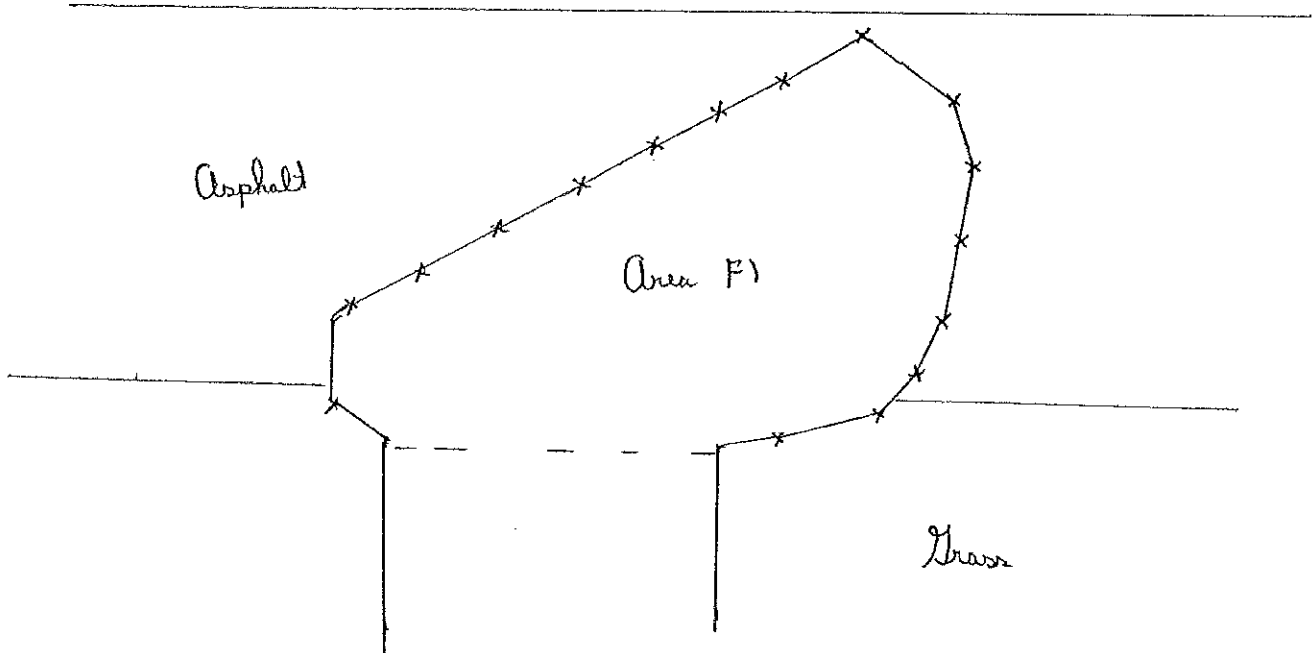
Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	A	1	2	oz	CWM
-----------------	---	---	---	----	-----

ERPIMS Values:
Scode:
Lot Control#:

Comments: A fifteen point composite along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. Hill 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122F2PCOMPA
 Sample Number: PFG6143
 Sample Name: 122F2PCOMPA-SS-PFG6143-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:50
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

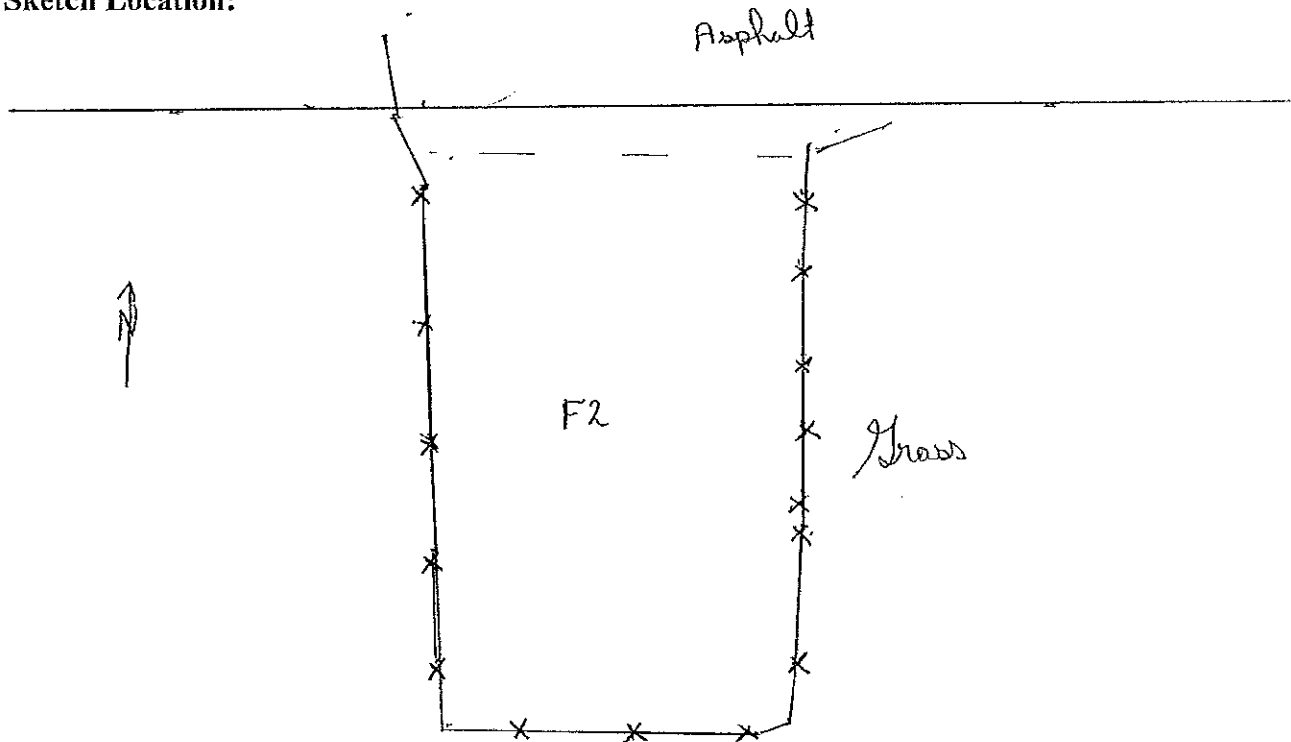
Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	A	1	2	oz	CWM	

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A fifteen point composite of collected along the perimeter from 0-1' bgs

Sketch Location:



Logged BY / Date: *MLK* 13 July 11

Reviewed BY / Date: *G. McDonough* 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122F2PCOMPB
 Sample Number: PFG6144
 Sample Name: 122F2PCOMPB-SS-PFG6144-REG
 Sampling Method: GRAB
 Sample Type: SS

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:50
 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-MERCURI	A	1	2	oz	CWM	

ERPIMS Values:

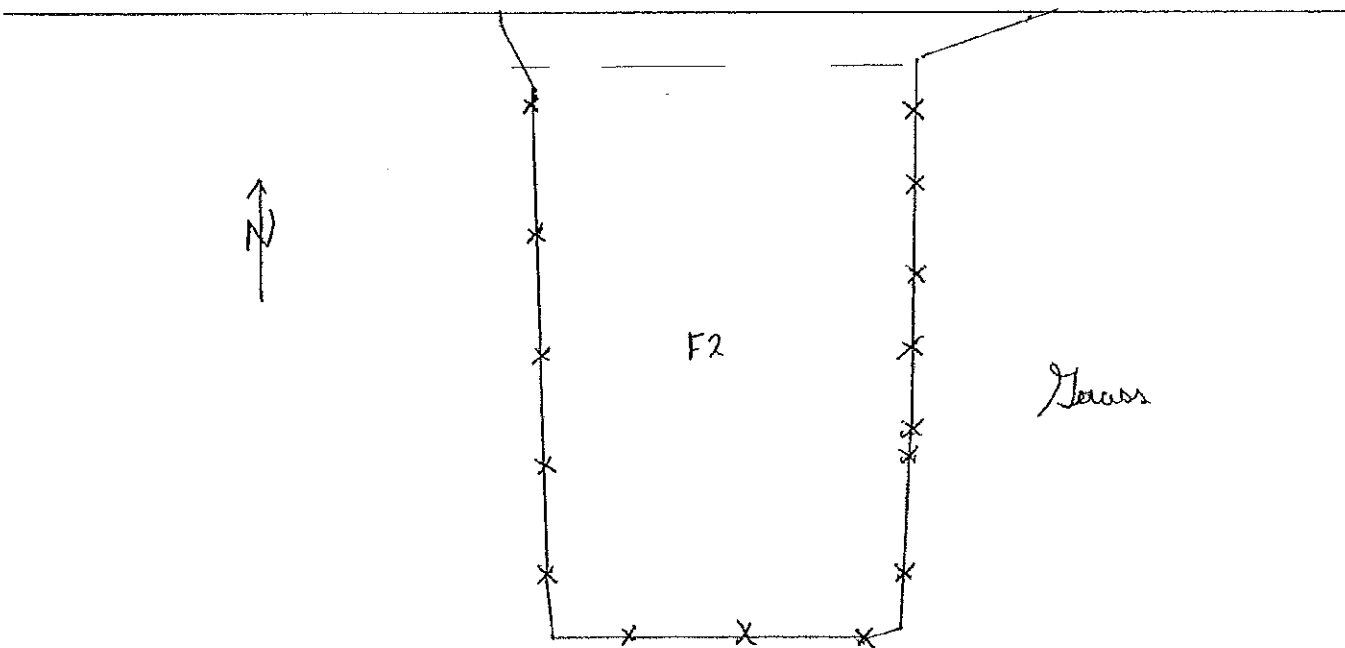
Sacode:

Lot Control#:

Comments: A fifteen point composite collected along the perimeter @ 0-1' bgs

Sketch Location:

Asphalt



Logged BY / Date: M. L. [Signature] 13 July 11 Reviewed BY / Date: E. M. [Signature] 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122F2PCOMPC
 Sample Number: PFG6145
 Sample Name: 122F2PCOMPC-SS-PFG6145-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:50
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

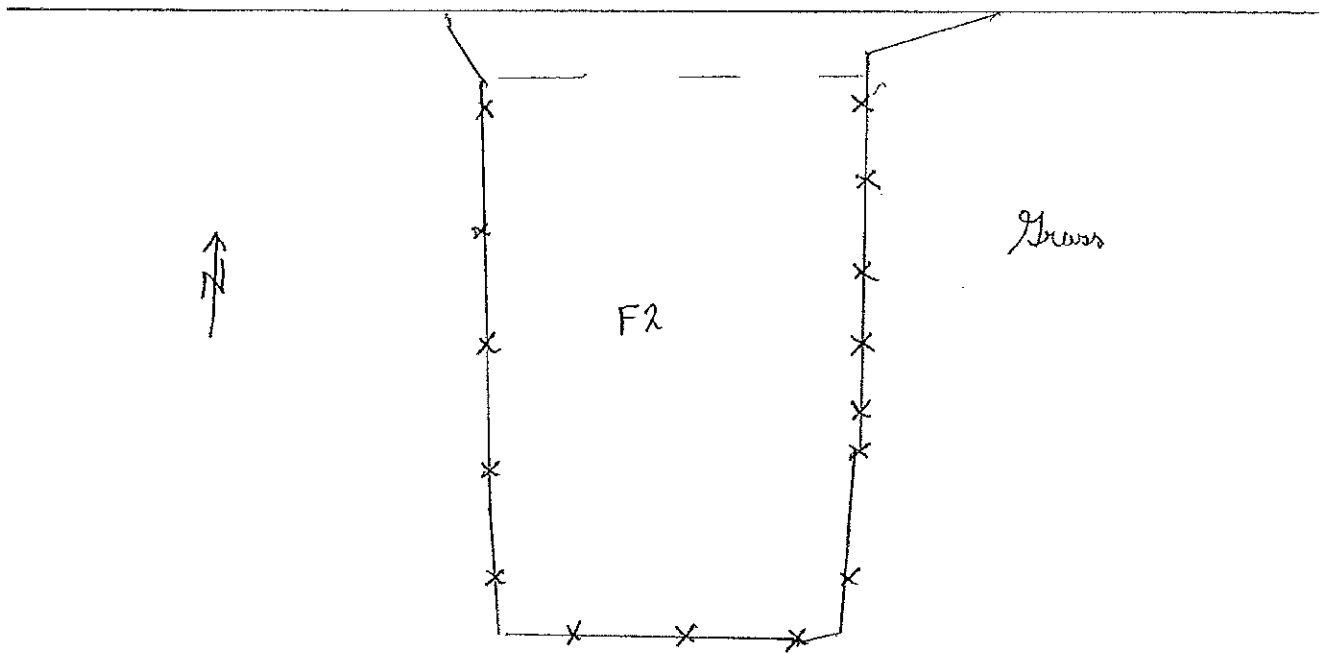
Containers				
Analytical Suite	Flt	Frtn	Qty	Size Units Type
ARSENIC-MERCURIUM	A	1	2	oz CWM

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A fifteen point composite collected along the perimeter @ 0-1' bgs.

Sketch Location:

Asphalt



Logged BY / Date: J. Koelsch 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11

Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122GPCOMPA
 Sample Number: PFG6146
 Sample Name: 122GPCOMPA-SS-PFG6146-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:55
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers

Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURY	A	1	2	oz	CWM
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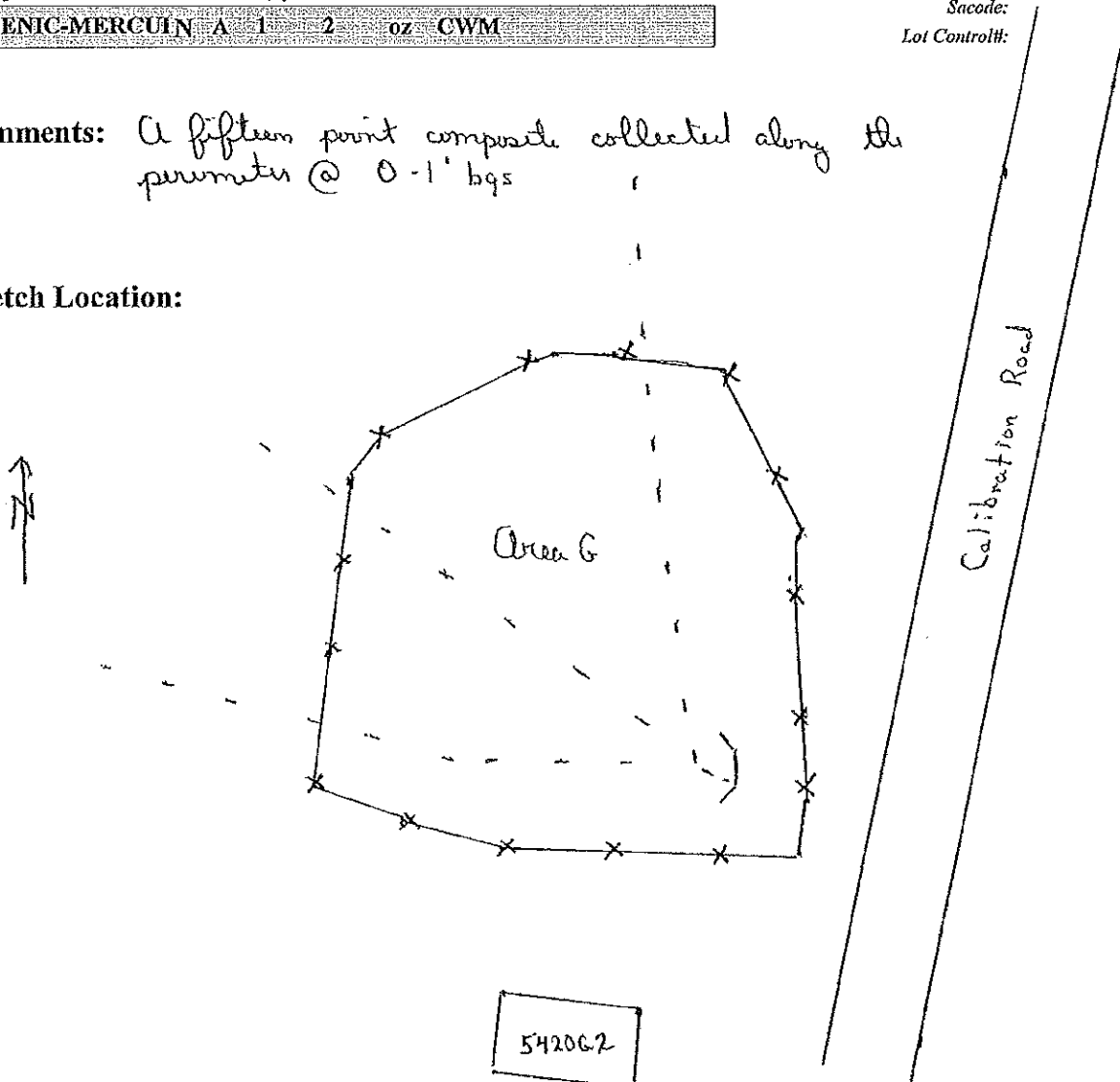
ERPIMS Values:

Sacode:

Lot Control:

Comments: A fifteen point composite collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: MMH 13 Jul 11 Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122GPCOMP B
 Sample Number: PFG6147
 Sample Name: 122GPCOMP B-SS-PFG6147-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:55
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers

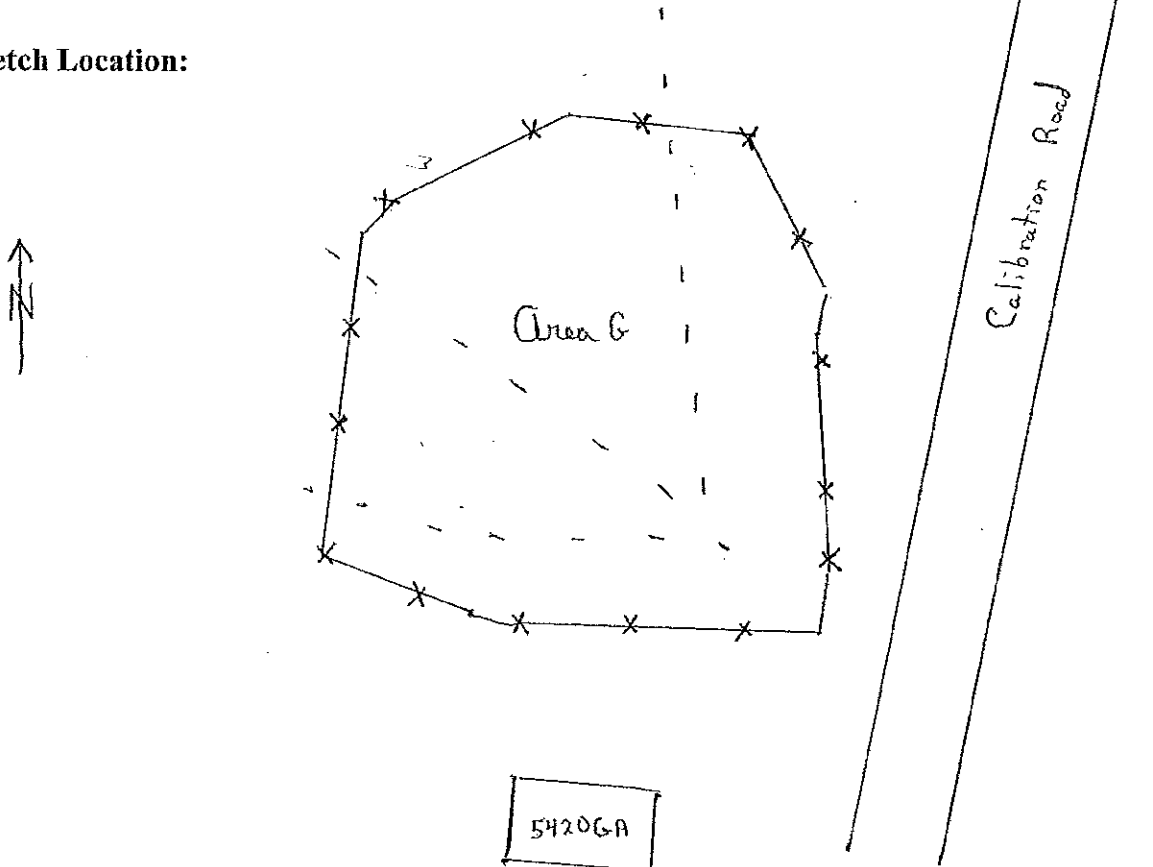
Analytical Suite Flt Frtn Qty Size Units Type

ARSENIC-MERCURIUM	A	1	2	oz	CWM
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ERPIMS Values:
 Socode:
 Lot Control#:

Comments: A fifteen point composite collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. J. L. 13 Jul 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122GPCOMPC
 Sample Number: PFG6148
 Sample Name: 122GPCOMPC-SS-PFG6148-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 07:55
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURIUM	A	1	2	oz	CWM	

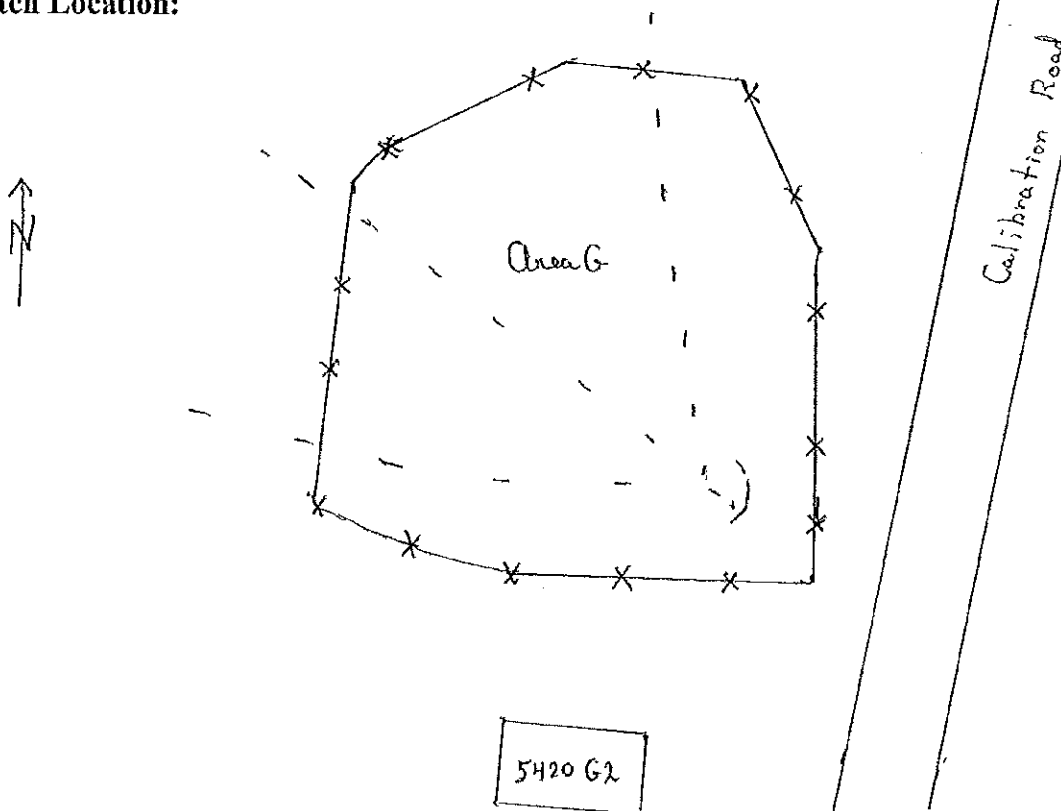
ERPIMS Values:

Score:

Lot Control#:

Comments: A fifteen point composite collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. G. [Signature] 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC
 Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122HPCOMPA
 Sample Number: PFG6149
 Sample Name: 122HPCOMPA-SS-PFG6149-REG
 Sampling Method: GRAB
 Sample Type: SS
 Sample Purpose: REG

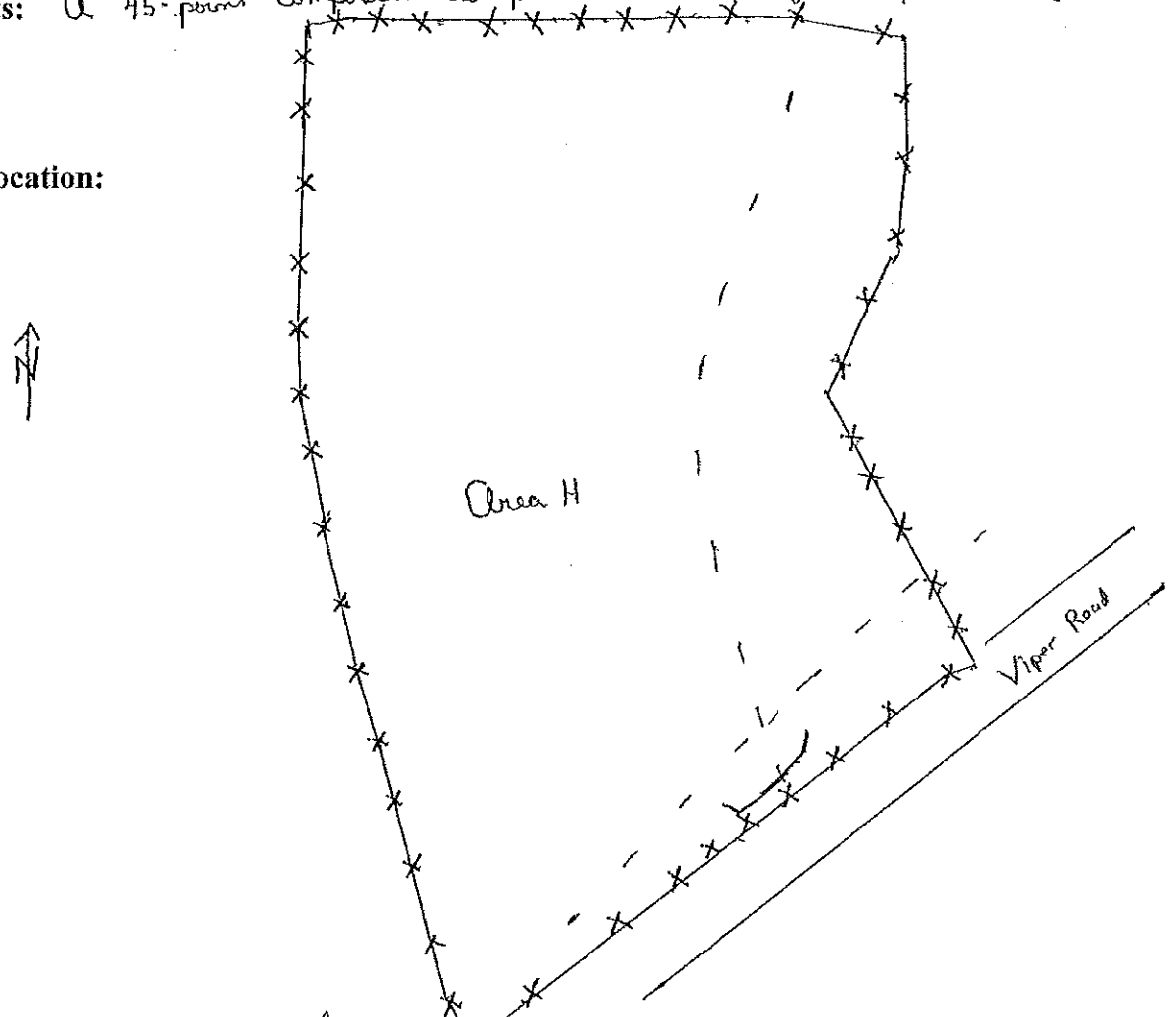
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 08:05
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Analytical Suite	Fit	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURI	A	1	2	oz	CWM	

ERPIMS Values:
 Saco: _____
 Lot Control#: _____

Comments: A 45-point composite sample collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. Sch 13 Jul 11

Reviewed BY / Date: E. McDermott 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122HPCOMP B
 Sample Number: PFG6150
 Sample Name: 122HPCOMP B-SS-PFG6150-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

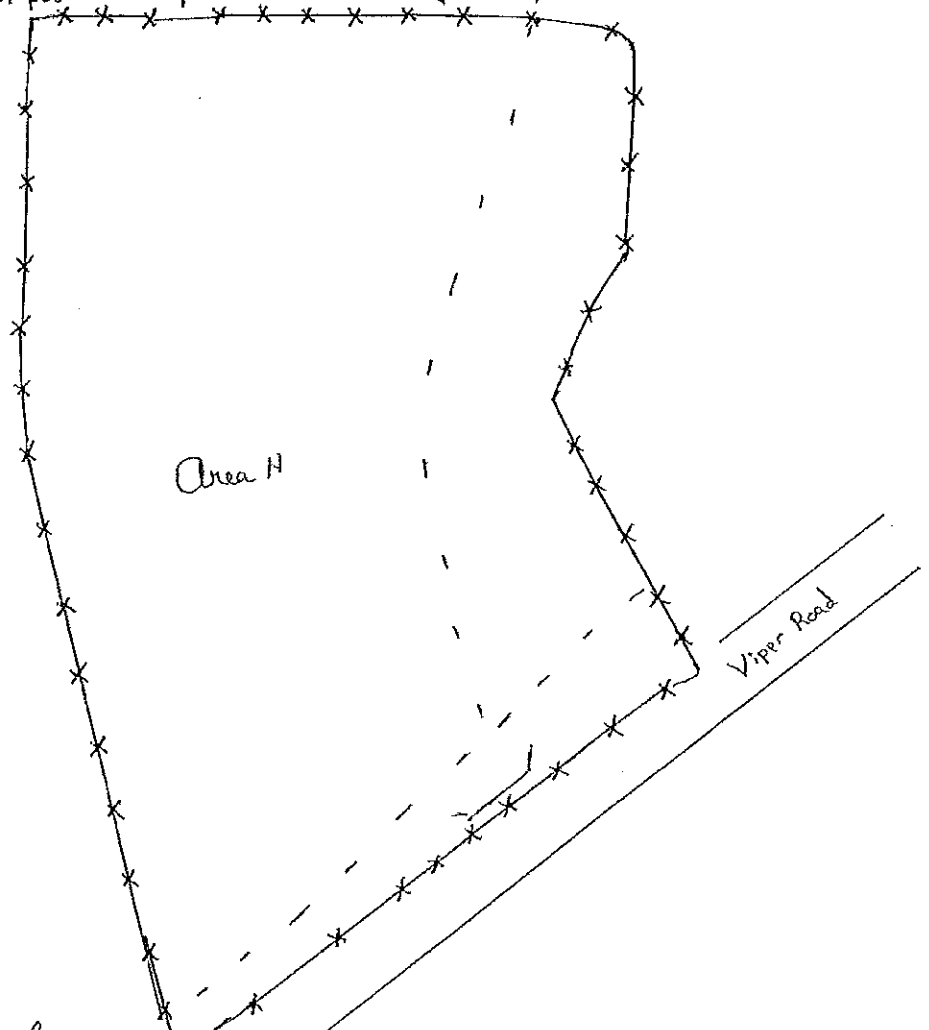
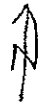
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 08:05
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Containers				
Analytical Suite	Flt	Ertn	Qty	Size Units Type
ARSENIC-MERCURIUM	A	1	2	oz CWM

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments: A 45-point composite sample collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: M. Dele 13 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122HPCOMPC
 Sample Number: PFG6151
 Sample Name: 122HPCOMPC-SS-PFG6151-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

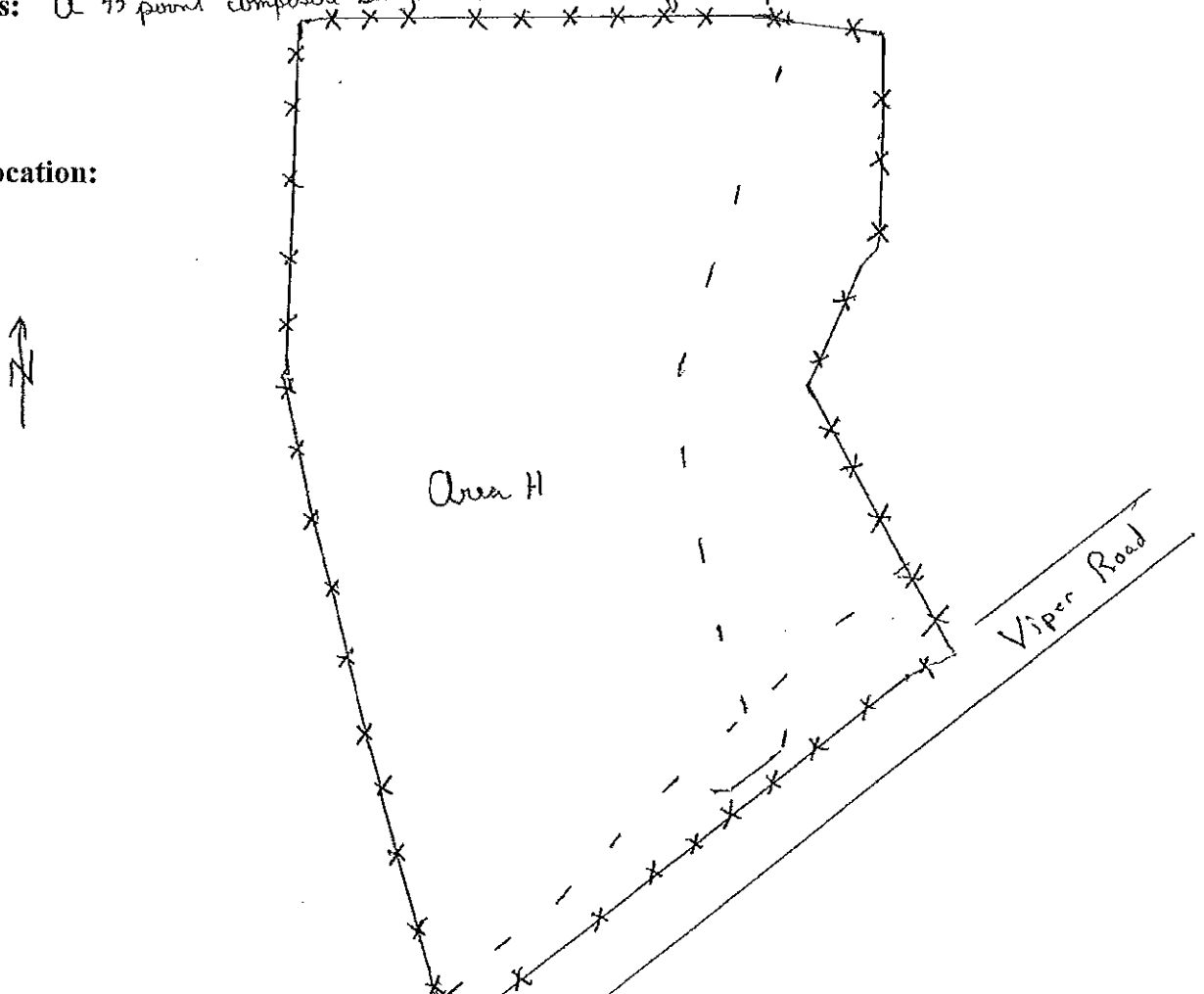
Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 08:05
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	A	1	2	oz	CWM	

ERPIMS Values:
 Sncode:
 Lot Control#:

Comments: A 45 point composite sample collected along the perimeter @ 0-1' bgs.

Sketch Location:



Logged BY / Date: MMH 13 Jul 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 - Redstone- PBC
Manager: Jack Koelsch

Location Code: 122IPCOMPA
~~122IPCS18-1~~ *MB*
 Sample Number: PFG6035
 Sample Name: 122IPCS18-1-SO-PFG6035-REG
~~122IPCOMPA~~
 Sampling Method: HA *MB*
 Sample Type: SS Sample Purpose: REG
 Sampling Equip: SS spoon, bowl, sieve
 QC Partners: (TB) _____ (ER) _____ (FB) _____

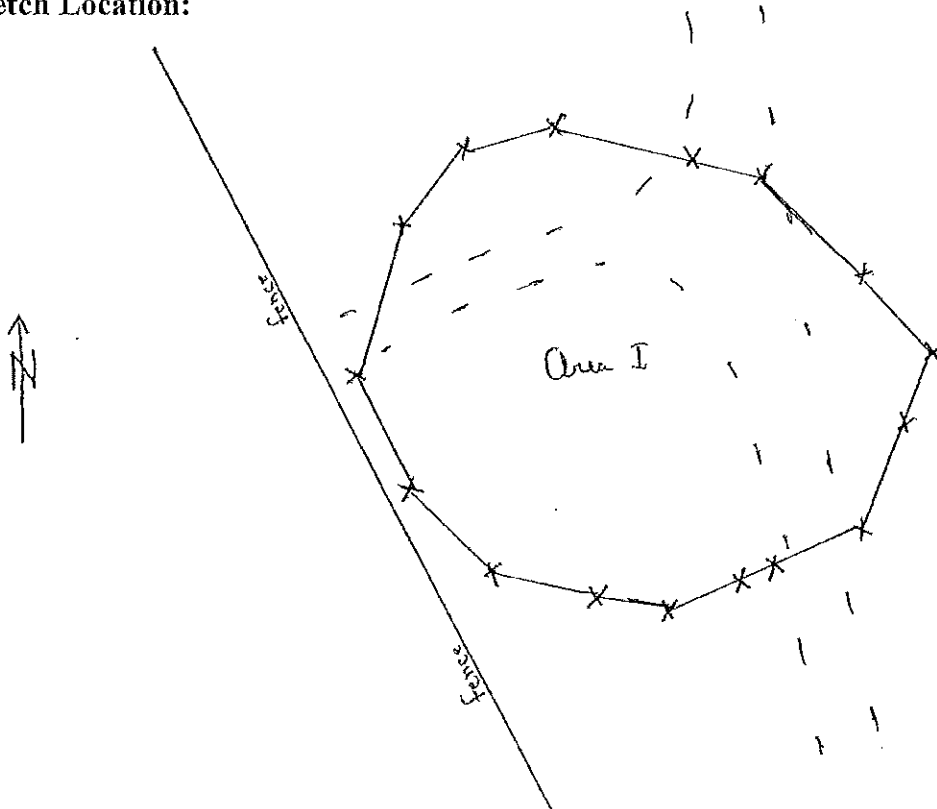
RFA / COC Number: 22-071311-S-MBLM
 Task: 118166
 Collection Date: 12 July 11
 Collection Time: 1425
 Start Depth: 0'
 End Depth: 1'
 Sample Matrix: SO
 Sample Team: MB

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: A fifteen point composite collected along the perimeter @ 0-1' bgs

Sketch Location:



Logged BY / Date: MB 12 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

Location Code: 122IPCOMPB
~~122IPCS23-1~~ *MA*

RFA / COC Number: 122-071311-S-MBLM

Sample Number: PFG6036

Task: 118166

Sample Name: 122IPCS23-1-SO-PFG6036-REG

Collection Date: 12 July 11

Sampling Method: HA
~~122IPCOMPB~~

Collection Time: 1425

Sample Type: SS Sample Purpose: REG

Start Depth: 0'

End Depth: 1'

Sampling Equip: SS spoon, hand, sieve

Sample Matrix: SO

QC Partners:

(TB) _____ (ER) _____ (FB) _____

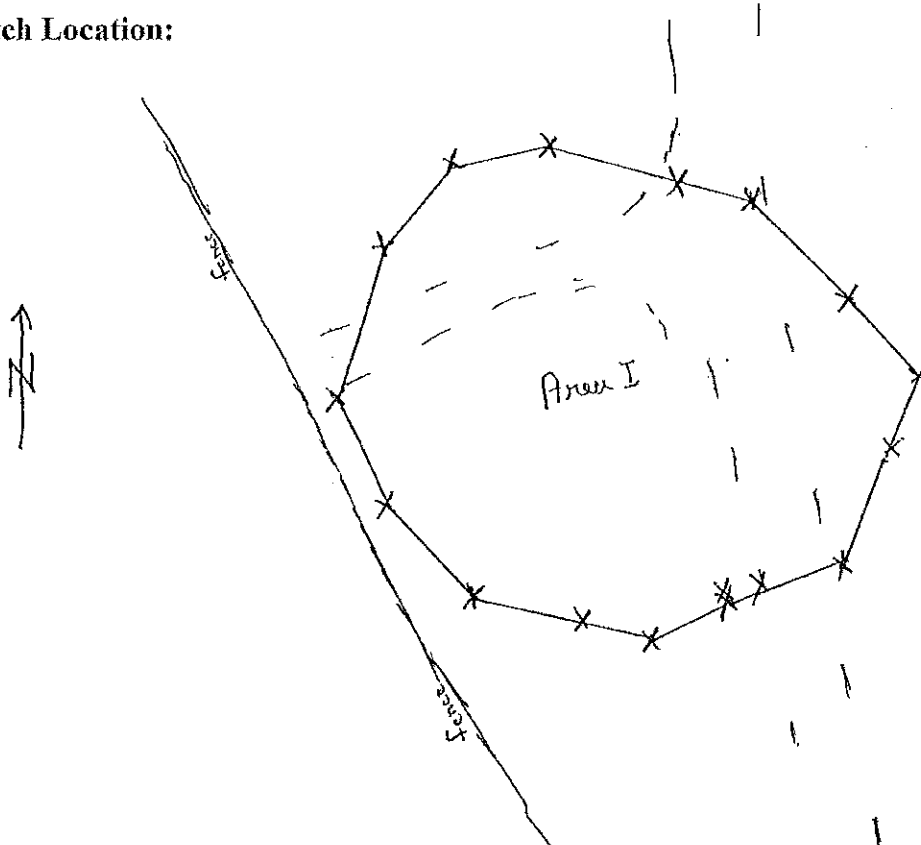
Sample Team: MA

Analytical Suite	Fit	Frtm	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: A fifteen point composite sample collected along the perimeter from 0-1' bgs

Sketch Location:



Logged BY/ Date: MA 12 July 11

Reviewed BY/ Date: G. McDonough 8-1-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

Location Code: 122IPCOMPC
~~122IPCS74-1~~

RFA / COC Number: 122-071311-S-MBLM

Sample Number: PFG6037

Task: 118166

Sample Name: 122IPCS74-1-SO-PFG6037-REG

Collection Date: 12 July 11

Sampling Method: HA
~~122IPCOMPC~~

Collection Time: 12 July 1310-1425

Sample Type: SS Sample Purpose: REG

Start Depth: 0'

End Depth: 1'

Sampling Equip: SS bowl, spade, trowel

Sample Matrix: SO

QC Partners:

(FB) _____ (ER) _____ (EB) _____

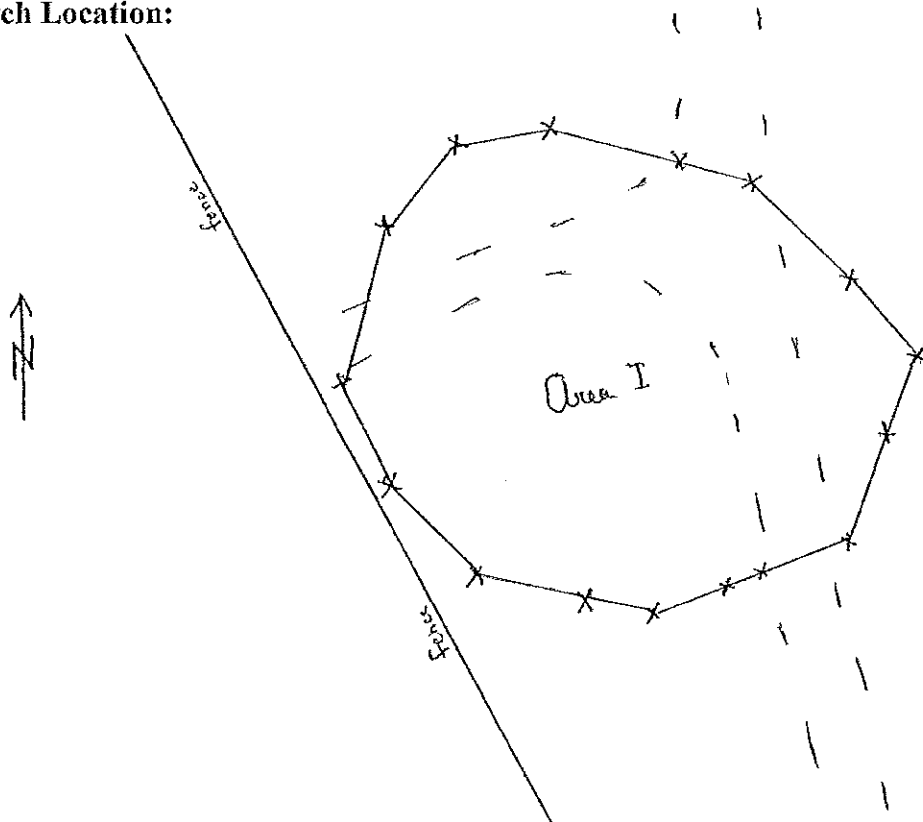
Sample Team: MD

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
Sacode: _____
Lot Control#: _____

Comments: A fifteen point composite collected along the perimeter @ 0-1 bgs

Sketch Location:



Logged BY / Date: MD 12 July 11

Reviewed BY / Date: G. McDonough 8-1-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122ICOMP-01

Task: 118166

Sample Number: PFG6111A

Collection Date: 12 July 11

Sample Name: 122ICOMP-01-DS-PFG6111A-REG

Collection Time: 1310

Sampling Method: GRAB

Start Depth: 1'

Sample Type: DS Sample Purpose: REG

End Depth: 1'

Sampling Equip: SS spon, bowl, sieve

Sample Matrix: SOIL

QC Partners:

Sample Team: MA

(TB) _____ (ER) _____ (FB) _____

Containers

Analytical Suite Fit Frtn Qty Size Units Type

ERPIMS Values:

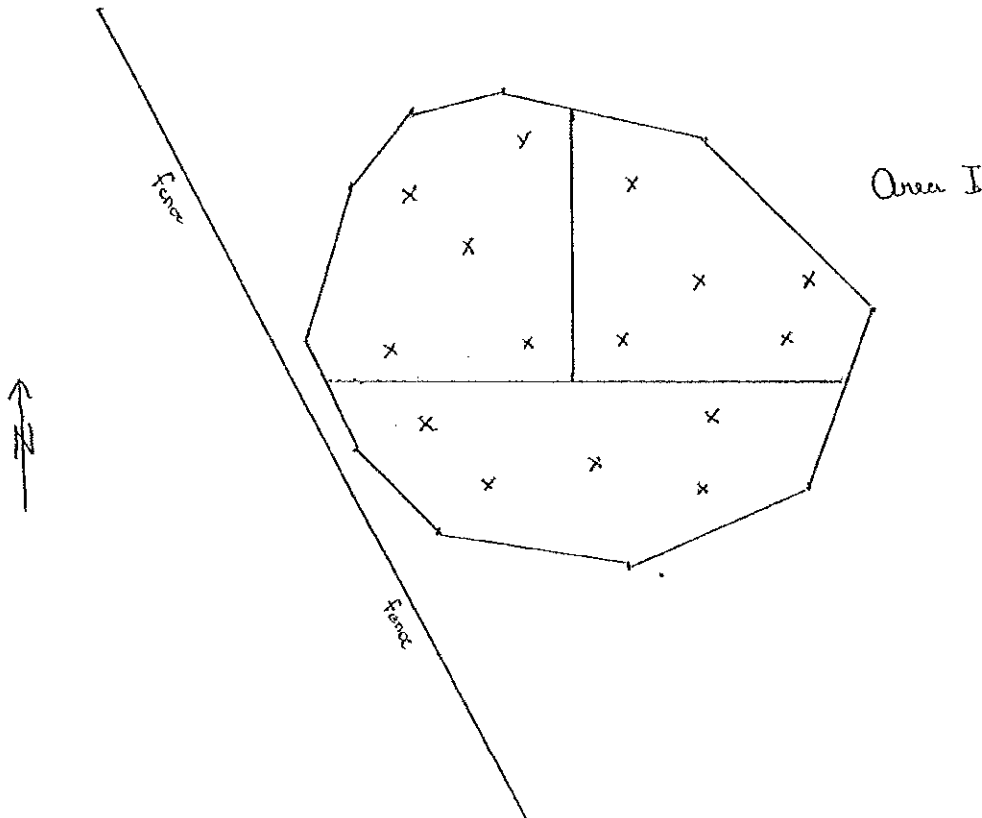
ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

Sacode: _____

Lot Control#: _____

Comments: A fifteen point composite collected @ on the floor of the excavation @ 1' bgs

Sketch Location:



Logged BY / Date: M. [Signature] 12 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122ICOMP-01

Task: 118166

Sample Number: PFG6111B

Collection Date: 12 July 11

Sample Name: 122ICOMP-01-DS-PFG6111B-REG

Collection Time: 1310

Sampling Method: GRAB

Start Depth: 1'

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: SS spoon, shovel, trowel

Sample Matrix: SOIL

QC Partners:

(TB) _____

(ER) _____

(FB) _____

Sample Team: MLK

Analytical Suite Containers
Flt Frtn Qty Size Units Type

ERPIMS Values:

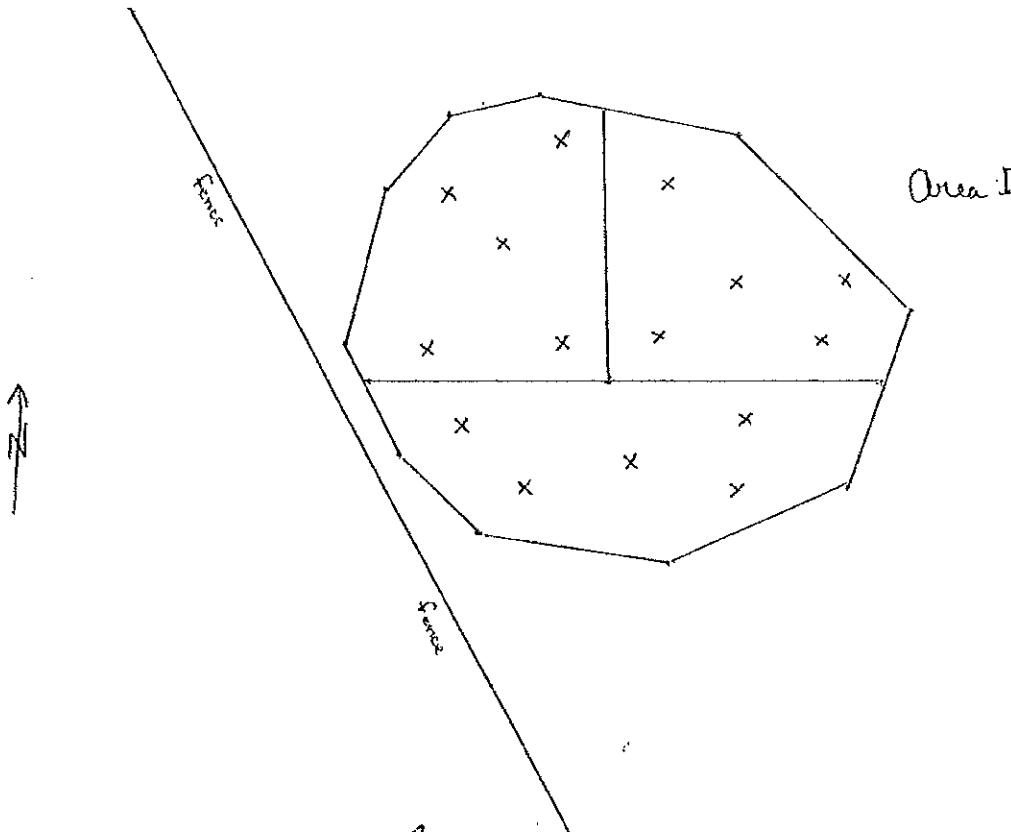
ARSENIC-MERCURY	N	A	1	2	oz	CWM
-----------------	---	---	---	---	----	-----

Sacode: _____

Lot Control#: _____

Comments: A fifteen percent composite collected on the floor of the excavation @ 1' bgs

Sketch Location:



Logged BY / Date: MLK 13 July 11

Reviewed BY / Date: G. McDonough 8-1-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: 122ICOMP-01

Task: 118166

Sample Number: PFG6111C

Collection Date: 12 July 11

Sample Name: 122ICOMP-01-DS-PFG6111C-REG

Collection Time: 1310

Sampling Method: GRAB

Start Depth: 1'

Sample Type: DS

Sample Purpose: REG

End Depth: 1'

Sampling Equip: SS bowl, spoon, sieve

Sample Matrix: SOIL

QC Partners:

(TB) _____ (ER) _____ (FB) _____

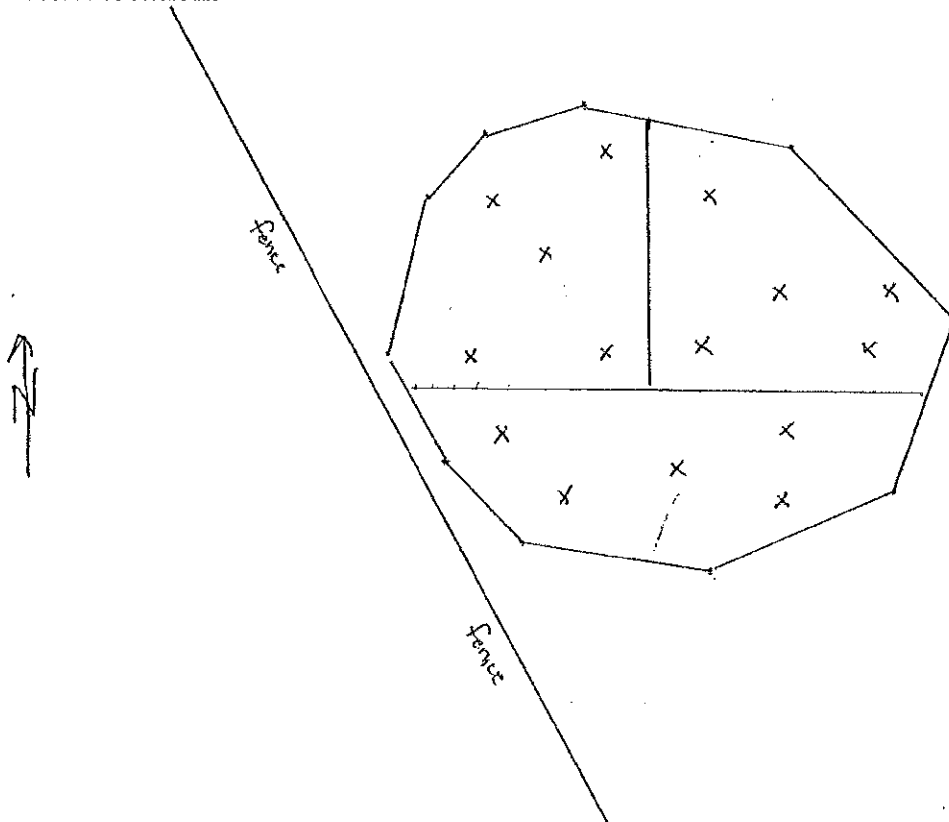
Sample Team: MM

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
ARSENIC-MERCURY	N	A	1	2	oz	CWM

ERPIMS Values:
 Sacode: _____
 Lot Control#: _____

Comments: A fifteen point composite collected on the floor of the excavation @ 1' bgs

Sketch Location:



Logged BY / Date: M. Hill 12 July 11

Reviewed BY / Date: E. McDonough 8-1-11



Sample Collection Log

118166 Redstone- PBC

Manager: Jack Koelsch

RFA / COC Number: 122-071311-S-MBLM

Location Code: BASE OF STOCKPILE
 Sample Number: PFG6155
 Sample Name: BASE OF STOCKPILE-SS-PFG6155-REG
 Sampling Method: GRAB
 Sample Type: SS Sample Purpose: REG

Task: 118166
 Collection Date: 13-JUL-11
 Collection Time: 12:30
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: MG

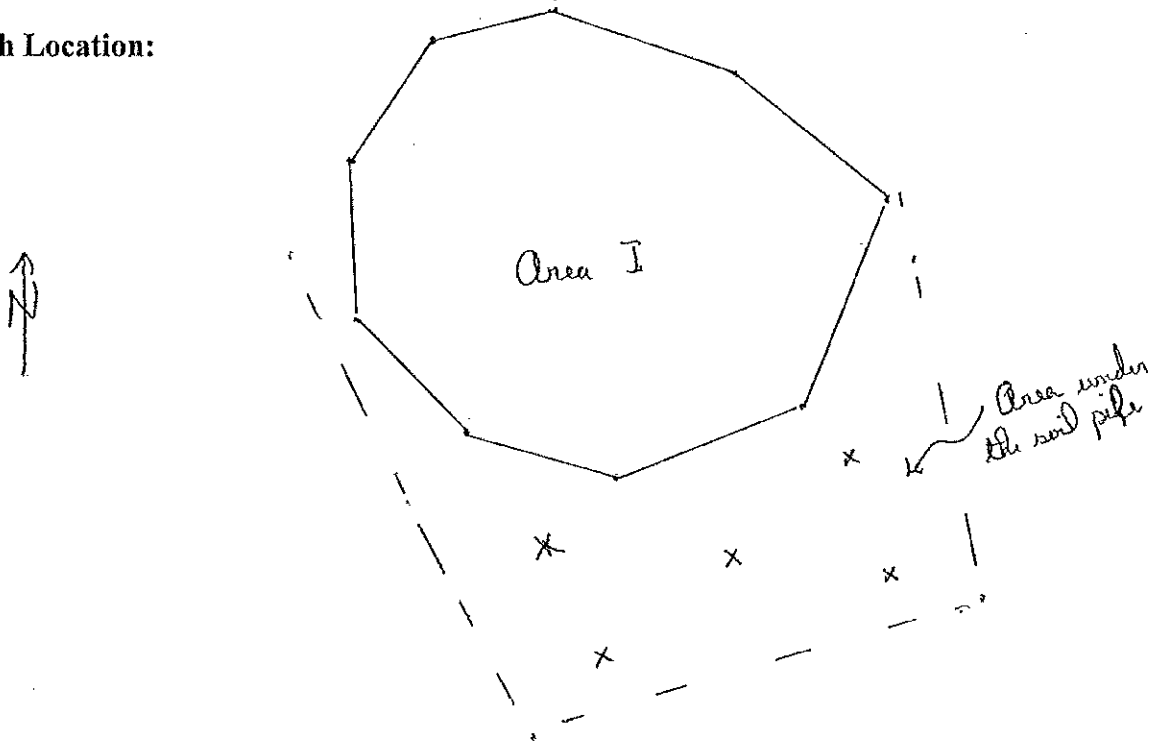
Containers				
Analytical Suite	Flt	Ertn	Qty	Size Units Type
ARSENIC-MERCUIN A	1	2	oz	CWM

ERPIMS Values:
 Sacode:
 Lot Control#:

Comments:

Near Area I under stockpile, A five point composite collected @ 0-0.5' below ground surface

Sketch Location:



Logged BY / Date: M. Giles 13 July 11

Reviewed BY / Date: E. McDermott 8-1-11



Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG 06112010-S-ELAB

Location Code: F122-SPL01

Task: 118166

Sample Number: PFG9001

Collection Date: 11 June 10

Sample Name: F122-SPL01-SO-PFG9001-REG

Collection Time: 9:30

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SO

Sample Purpose: REG

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

(TB)

(ER)

(FB)

Sample Team: MB/VB

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

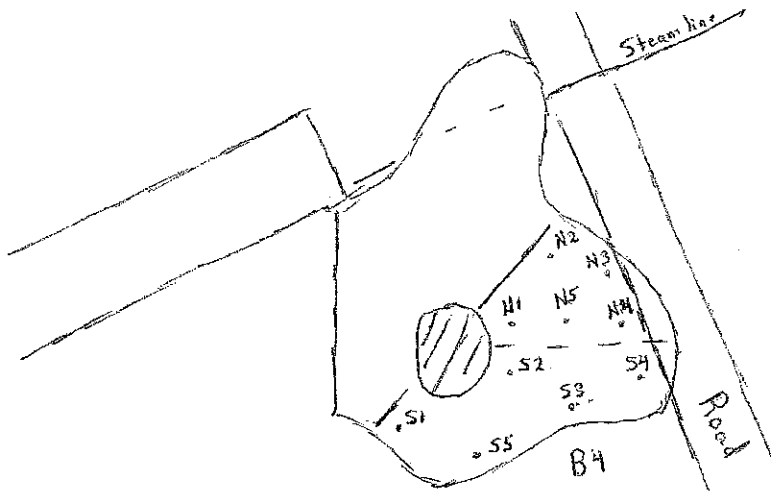
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Field ID: 122-B04 TCLP
Composite of 10 sample points

Sketch Location:



Logged BY / Date: MB 11 June 10

Reviewed BY / Date: Emmanuel 6/11/10



Sample Collection Log

118166 - Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG0012010-S-ELAB

Location Code: F122-SPL02

Task: 118166

Sample Number: PFG9002

Collection Date: 11 June 10

Sample Name: F122-SPL02-SO-PFG9002-REG

Collection Time: 11:40

Sampling Method: HA

Start Depth: 0' bgs

Sample Type: SO

Sample Purpose: REG

End Depth: 1'

Sampling Equip: Hand auger

Sample Matrix: SOIL

QC Partners:

Sample Team: MMJ/VB

(TB) (ER) (FB)

Containers

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

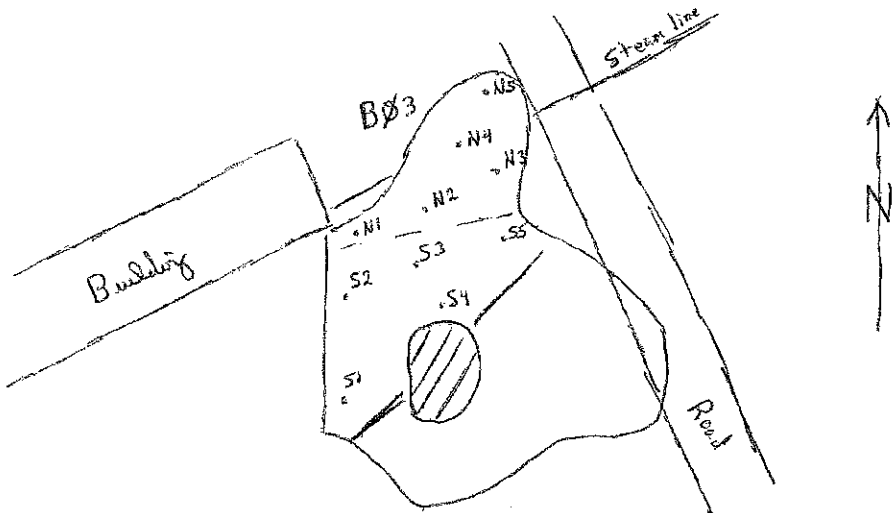
ERPIMS Values:

Sacode: _____

Lot Control#: _____

Comments: Field ID: 122-B03 TCLP
Composite of 10 sample points

Sketch Location:



Logged BY / Date: MMJ 11 June 10

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



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG063010-S-EMP

Location Code: F122-SPL03

Task: 118166

Sample Number: PFG9003

Collection Date: 26-JUN-10

Sample Name: F122-SPL03-SO-PFG9003-REG

Collection Time: 08:20

Sampling Method: HA

Start Depth: 0

Sample Type: SO

Sample Purpose: REG

End Depth: 1

Sample Matrix: SOIL

Sample Team: *MM/WW*

Containers

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

ERPIMS Values:

Sacode:

Lot Control#:

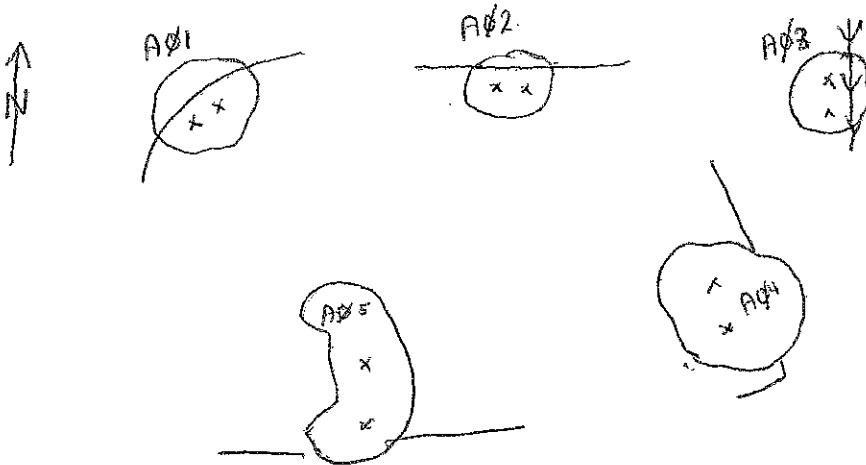
Comments:

122-A01 THRU A05 TCLP

Composite of 10 sample pts, 2 from each individual area

Sketch Location:

x = sample location



Logged BY / Date: *MM* 26 June 10

Reviewed BY / Date: *E. McDonough* 7/9/10



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG063010-S-EMP

Location Code: F122-SPL04

Task: 118166

Sample Number: PFG9004

Collection Date: 29-JUN-10

Sample Name: F122-SPL04-SO-PFG9004-REG

Collection Time: 14:20

Sampling Method: HA

Start Depth: 0

Sample Type: SO

Sample Purpose: REG

End Depth: 1

Sample Matrix: SOIL

Sample Team: MJA/OA/OG, RR/VB

Containers

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

ERPIMS Values:

Sacode:

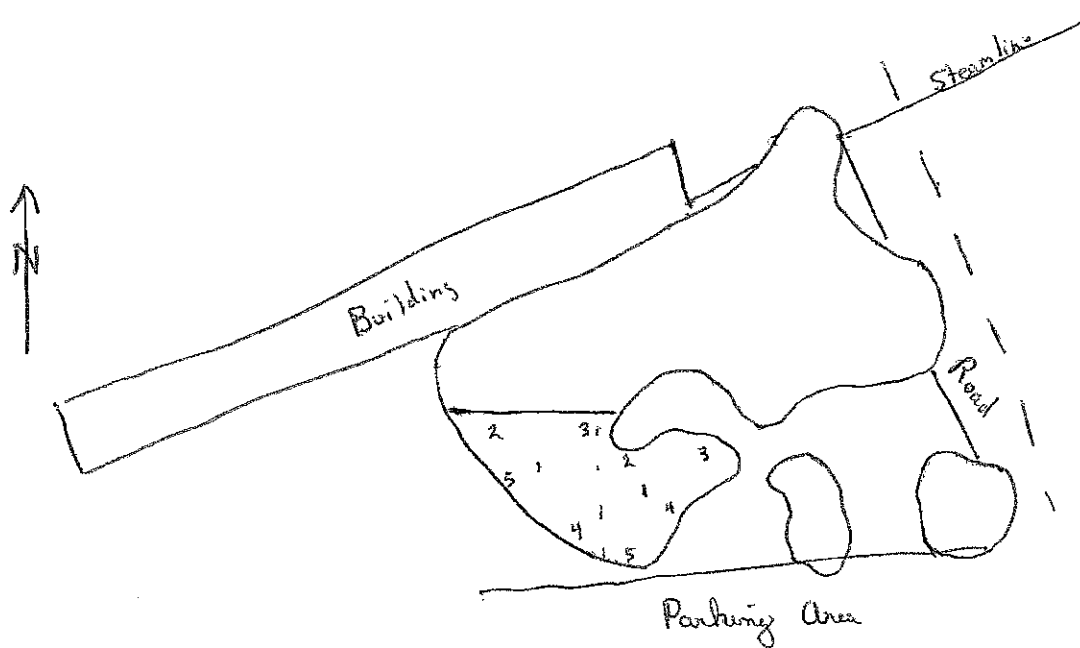
Lot Control#:

Comments:

122-B01-TCLP

Composite of 10 sample pits

Sketch Location:



Logged BY / Date: MJA 29 Jun 10 Reviewed BY / Date: E. McDonough 7/9/10



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG063010-S-EMP

Location Code: F122-SPL05

Sample Number: PFG9005

Sample Name: F122-SPL05-SO-PFG9005-REG

Sampling Method: HA

Sample Type: SO

Sample Purpose: REG

Task: 118166

Collection Date: 28-JUN-10

Collection Time: 11:50

Start Depth: 0

End Depth: 1

Sample Matrix: SOIL

Sample Team: RR/JG

Containers

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

ERPIMS Values:

Sacode:

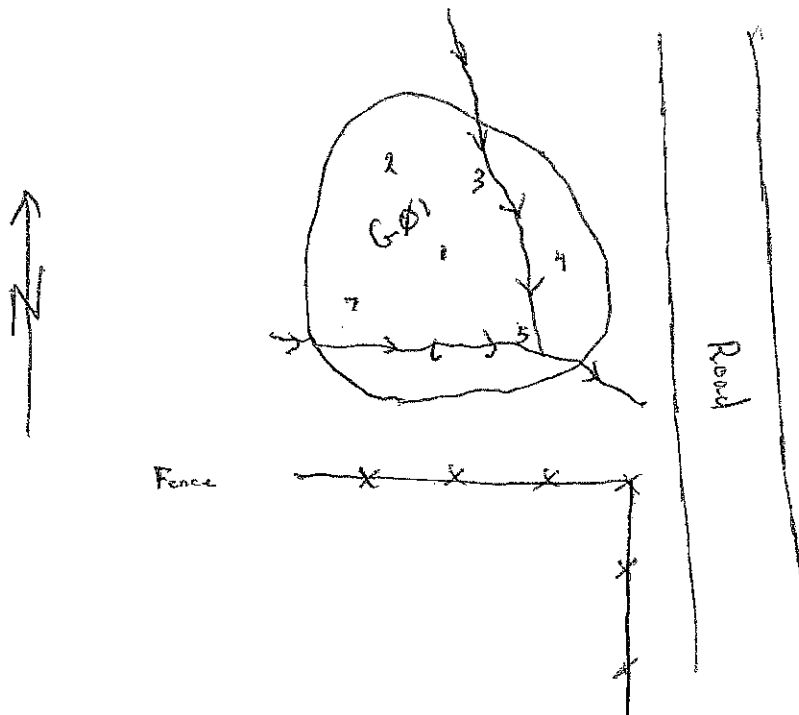
Lot Control#:

Comments:

122-G01-TCLP

Composite of 7 sampling pts

Sketch Location:



Logged BY / Date: M. G. [Signature] 28 Jun 10

Reviewed BY / Date: E. McDonough 7/9/10



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG063010-S-EMP

Location Code: F122-SPL06

Task: 118166

Sample Number: PFG9006

Collection Date: 28-JUN-10

Sample Name: F122-SPL06-SO-PFG9006-REG

Collection Time: 09:40

Sampling Method: HA

Start Depth: 0

Sample Type: SO

Sample Purpose: REG

End Depth: 1

Sample Matrix: SOIL

Sample Team: MB / EA

Containers

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

ERPIMS Values:

Sacode:

Lot Control#:

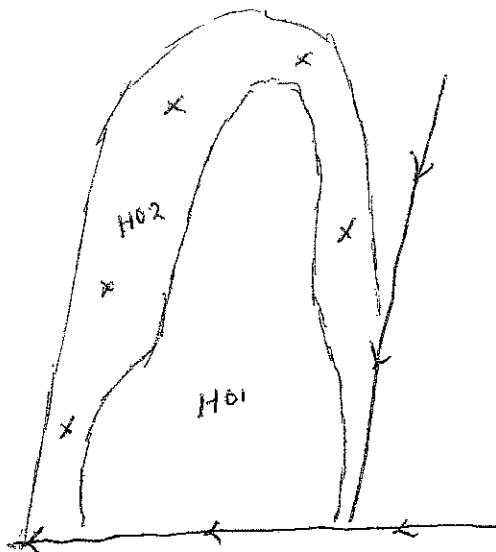
Comments:

122-H02-TCLP

5 pt. composite

Sketch Location:

X = sample location



Road

Logged BY / Date: MM/EA 28 June 10

Reviewed BY / Date: E. McDonough 7/9/10



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG063010-S-EMP

Location Code: F122-SPL07

Task: 118166

Sample Number: PFG9007

Collection Date: 25-JUN-10

Sample Name: F122-SPL07-SO-PFG9007-REG

Collection Time: 11:45

Sampling Method: HA

Start Depth: 0

Sample Type: SO

Sample Purpose: REG

End Depth: 1

Sample Matrix: SOIL

Sample Team: *MJB/NR/DA*

Containers

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

ERPIMS Values:

Sacode:

Lot Control#:

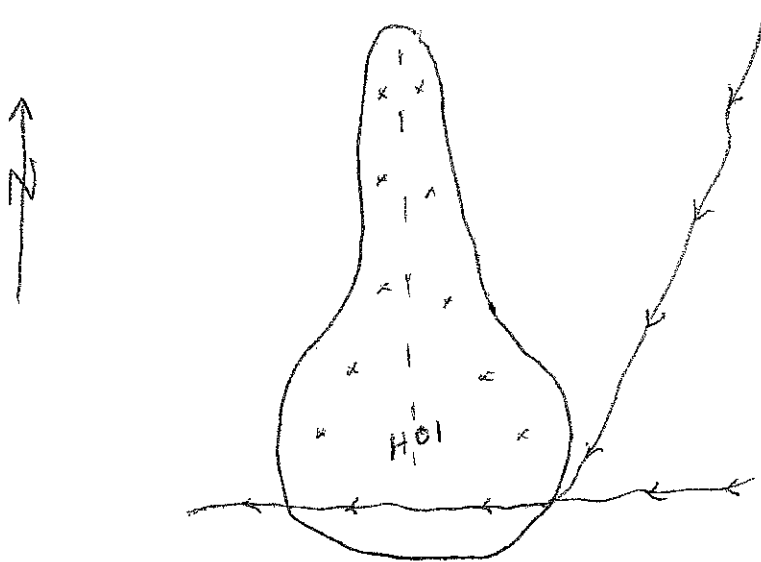
Comments:

122-H01-TCLP

Composite of 10 sample pts

Sketch Location:

X = sample location



Logged BY / Date: *MJB* 25 Jun 10 Reviewed BY / Date: *E. McDonough* 7/9/10



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG063010-S-EMP

Location Code: F122-SPL08
 Sample Number: PFG9008
 Sample Name: F122-SPL08-SO-PFG9008-REG
 Sampling Method: HA
 Sample Type: SO

Task: 118166
 Collection Date: 26-JUN-10
 Collection Time: 10:40
 Start Depth: 0
 End Depth: 1
 Sample Matrix: SOIL
 Sample Team: *MJL / LSW*

Sample Purpose: REG

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

ERPIMS Values:
 Sacode:
 Lot Control#:

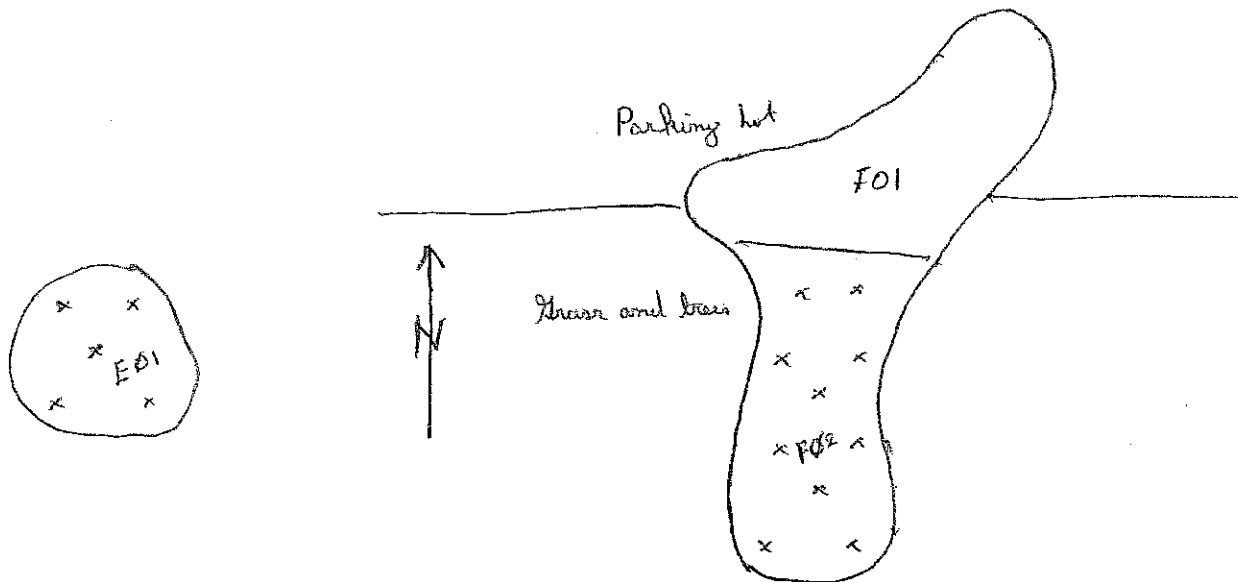
Comments:

122-E01 AND F02-TCLP

Composite of 5 sample pts from E01 and 10 sample pts from F02

Sketch Location:

x=sample location



Logged BY / Date: *MJL* 26 Jun 10

Reviewed BY / Date: *E. McDonough* 7/9/10



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG063010-S-EMP

Location Code: F122-SPL09

Task: 118166

Sample Number: PFG9009

Collection Date: 29-JUN-10

Sample Name: F122-SPL09-SO-PFG9009-REG

Collection Time: 13:30

Sampling Method: HA

Start Depth: 0

Sample Type: SO

Sample Purpose: REG

End Depth: 1

Sample Matrix: SOIL

Sample Team: VB/OA

Containers

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

ERPIMS Values:

Sacode:

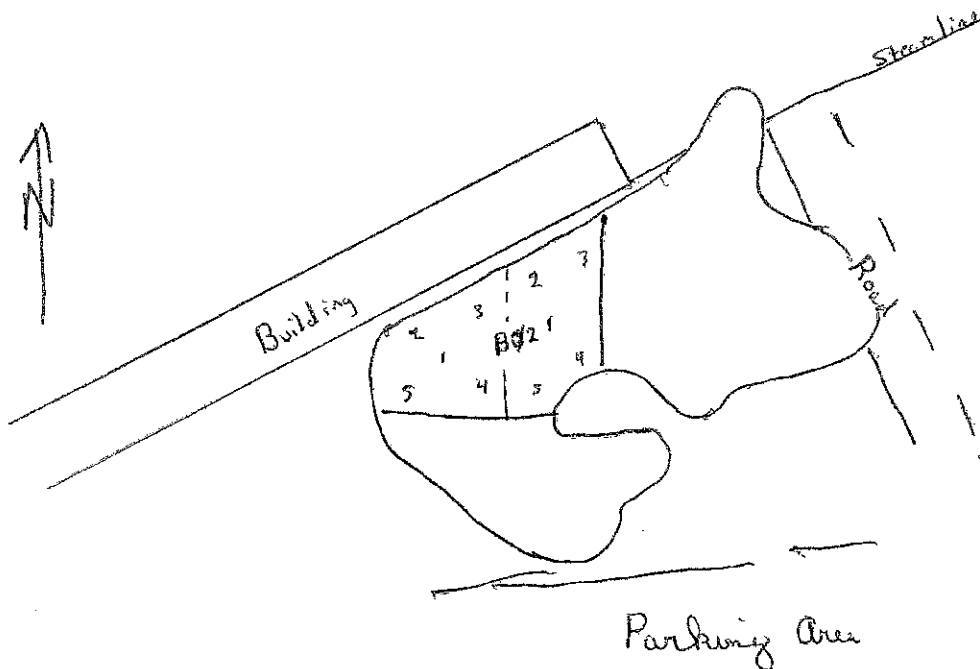
Lot Control#:

Comments:

122-B2-TCLP

Composite of 10 sample pts

Sketch Location:



Logged BY / Date: M. H. [Signature] 29 Jun 10

Reviewed BY / Date: E. McDonough 7/9/10



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: PFG063010-S-EMP

Location Code: F122-SPL10

Task: 118166

Sample Number: PFG9010

Collection Date: 30-JUN-10

Sample Name: F122-SPL10-SO-PFG9010-REG

Collection Time: 08:30

Sampling Method: HA

Start Depth: 0

Sample Type: SO

Sample Purpose: REG

End Depth: 1

Sample Matrix: SOIL

Sample Team: QA/VP

Containers

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

ERPIMS Values:

Sacode:

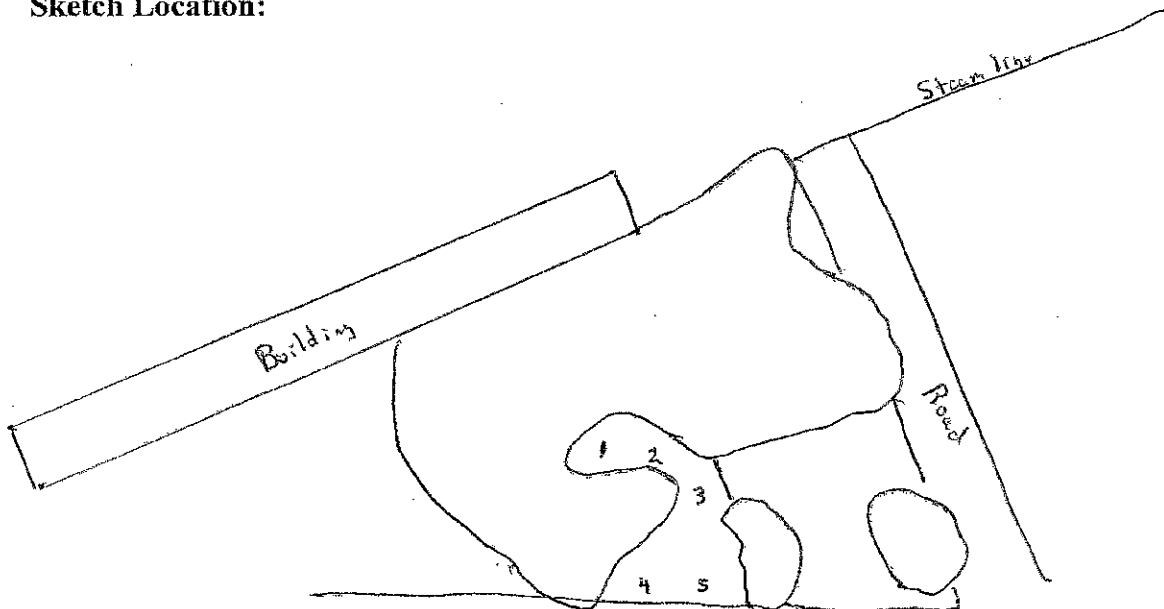
Lot Control#:

Comments:

122-A06-TCLP

Composite of 5 sample pts

Sketch Location:



Logged BY / Date: MLL 30 June 10

Reviewed BY / Date: E McDonough 7/9/10



Sample Collection Log

118166 Redstone- PBC

Manager: Steve Moran

RFA / COC Number: 122-070910-EMP

Location Code: F122-SPL11

Task: 118166

Sample Number: PFG9011

Collection Date: 06-JUL-10

Sample Name: F122-SPL11-SO-PFG9011-REG

Collection Time: 16:00

Sampling Method: HA

Start Depth: 0

Sample Type: SO

Sample Purpose: REG

End Depth: 1

Sample Matrix: SOIL

Sample Team: MG

Containers

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

ERPIMS Values:

Sacode:

Lot Control#:

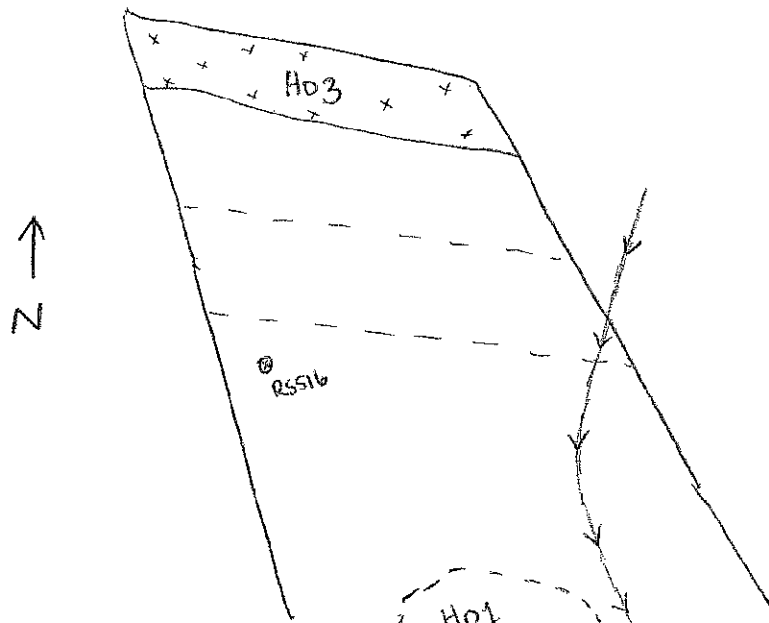
Comments:

122-H03-TCLP

10 pt. composite

Sketch Location:

X= sample location



Logged BY / Date: E. McDonough 7/12/10

Reviewed BY / Date: Scott Bell