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BARR

January 4, 2013

Mr. Jason Gunter
Remedial Project Manager
U.S. Environmental Protection Agency
Region 7 - Superfund Branch
901 North 5th Street
Kansas City, KS 66101

Re: The Doe Run Company – Federal Mine Tailings Site Monthly Progress Report

Dear Mr. Gunter:

As required by Article XVII, Paragraph 73 of the Administrative Order on Consent (Docket No.VII-97-F-0009) for the referenced project and on behalf of The Doe Run Company, the progress report for the period October 1, 2012 through October 31, 2012 is enclosed. If you have any questions or comments, please call me at 573-638-5020 or Mark Nations at 573-518-0800.

Sincerely,

Ty L. Morris, P.E., R.G.
Vice President

TLM/jms
Enclosure
c: Mark Nations – TDRC
Matt Wohl – TDRC (electronic only)
Martin Kator – MDNR - DSP
Kathy Rangen – MDNR - HWP
Adam Nanney – Barr Engineering

07WG 40416543 4.2
Superfund
0U00

Federal Mine Tailings Site

Park Hills, Missouri

Monthly Progress Report

Period: October 1, 2012 – October 31, 2012

1. **Actions Performed or Completed This Period:**

   a. Work continued on the task of stockpiling rock onsite This work focused on stockpiling trail rock, Type 1 riprap, and Type 2 riprap These rock types are being stockpiled in the northern portion of the Borrow Area as well as near the shaft rock pile As of the end of the period, work on this task continued

   b Work in the Off Road Vehicle (ORV) Riding Area also continued on the Main Drainage Channel between 100+00 and 80+00, as well as the East ORV Drainage Channel between 40+00 and 00+00 This work focused on final grading and applying rock to these areas. As of the end of the period, work on this task has been completed

   c. Work in the ORV Riding Area also continued on covering all trails and grids that exceeded the 600 ppm action level from the sampling conducted on September 3, 2012. As of the end of the period, work on this task has been completed.

      Additional sampling was also conducted on October 24, 2012 and October 25, 2012 to designate which trails and grids are above the 600 ppm lead level for portions of the ORV Riding Area that will be included in Phase III of the fencing area. Once the results are received, the plan will be developed to show which areas exceed the 600 ppm lead level and need to be covered Once the plan is developed, the fencing will be moved to start construction As of the end of the period, the sampling results had been received, but the process of identifying which samples exceeded the 600 ppm lead levels had not been completed.

      Additional sampling is planned for next month to designate which trails and grids are above the 600 ppm lead level in the rest of the ORV Riding Area. Once the sampling is completed, the plan will be developed to show which areas exceed the 600 ppm lead level and need to be covered

   d. Work on the task of adding additional air monitoring stations into the network of stations continued. This work focused on developing an air monitoring plan, as well as gaining access for the placement of another air monitoring station to the northeast of the Former Mill Area. As of the end of the period, work on these tasks continued.

2. **Data and Results Received This Period:**

   a. Sample results from the additional sampling completed on October 24, 2012 and October 25, 2012 are included with this progress report.

3. **Planned Activities for Next Period:**

   a. Work in the ORV Riding Area will continue on completing any additional covering of trails in grids in Phase I

   b. Work will begin on the task of moving the fencing to the portion of the ORV Riding Area that will be included in Phase III of the fencing area so that construction activities in this area can begin

   c. Work in the ORV Riding Area will continue on the Main Drainage Channel. Work in this area will focus on constructing and rocking this channel.

   d. Work will continue on the task of stockpiling trail rock, Type 1 riprap, and Type 2 riprap.

e. The plan to place additional air monitors around the site will be implemented.

f. The next MDNR-DSP progress meeting is planned for December 4, 2012.

4. Changes in Personnel:

a. None

5. Issues or Problems Encountered and the Resolution:

a. None

End of Monthly Progress Report

October 31, 2012

Ty Morris
Barr Engineering Company
1001 Diamond Ridge
Suite 1100
Jefferson City, MO 65109
TEL: (573) 638-5020
FAX: (573) 638-5001

RE: Federal MTS/25/86-0006 **WorkOrder:** 12101392

Dear Ty Morris

TEKLAB, INC received 173 samples on 10/27/2012 12:20:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Michael L. Austin
Project Manager
(618)344-1004 ex 16
MAustin@teklabinc.com

Report Contents

Client: Barr Engineering Company
Client Project: Federal MTS/25/86-0006

Work Order: 12101392
Report Date: 31-Oct-12

This reporting package includes the following:

Cover Letter	1
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Chain of Custody	Appended

Client: Barr Engineering Company

Work Order: 12101392

Client Project: Federal MTS/25/86-0006

Report Date: 31-Oct-12

Abbr Definition

CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation The reported result is final and includes all dilutions factors
DNI	Did not ignite
DUP	Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated
IDPH	IL Dept of Public Health
LCS	Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system The acceptable recovery range is in the QC Package (provided upon request)
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method The acceptable recovery range is listed in the QC Package (provided upon request)
MB	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses
MDL	Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system The acceptable recovery range is listed in the QC Package (provided upon request)
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions The acceptable recovery range is listed in the QC Package (provided upon request).
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD) The acceptable recovery limit is listed in the QC Package (provided upon request)
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples
TNTC	Too numerous to count (> 200 CFU)

Qualifiers

# - Unknown hydrocarbon	B - Analyte detected in associated Method Blank
E - Value above quantitation range	H - Holding times exceeded
M - Manual Integration used to determine area response	ND - Not Detected at the Reporting Limit
R - RPD outside accepted recovery limits	S - Spike Recovery outside recovery limits
X - Value exceeds Maximum Contaminant Level	

Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Work Order: 12101392

Report Date: 31-Oct-12

Cooler Receipt Temp: 4.8 °C

Locations and Accreditations

Collinsville		Springfield		Kansas City	
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425	Address	3920 Pintail Dr Springfield, IL 62711-9415	Address	8421 Nieman Road Lenexa, KS 66214
Phone	(618) 344-1004	Phone	(217) 698-1004	Phone	(913) 541-1998
Fax	(618) 344-1005	Fax	(217) 698-1005	Fax	(913) 541-1998
Email	jhrnley@teklabinc com	Email	kmcclain@teklabinc com	Email	dthompson@teklabinc com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2013	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2013	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2013	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2013	Springfield
Texas	TCEQ	T104704515-12-1	NELAP	7/31/2013	Collinsville
Arkansas	ADEQ	88-0966		3/14/2013	Collinsville
Illinois	IDPH	17584		4/30/2013	Collinsville
Kentucky	UST	0073		5/26/2013	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2013	Collinsville

Client: Barr Engineering Company **Work Order:** 12101392

Client Project: Federal MTS/25/86-0006 **Report Date:** 31-Oct-12

Matrix: SOLID

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
W-846 3050B, 6010B, METALS BY ICP									
Lead									
12101392-001A	G12JT	NELAP		3.85	**352**	mg/Kg-dry	1	10/30/2012 9:36	10/24/2012 10:40
12101392-002A	T10IT	NELAP		3.77	**318**	mg/Kg-dry	1	10/30/2012 9:54	10/24/2012 10:27
12101392-003A	T10KT-2	NELAP		4.00	**424**	mg/Kg-dry	1	10/30/2012 10:00	10/24/2012 11:00
12101392-004A	T09KT-2	NELAP		3.92	**376**	mg/Kg-dry	1	10/30/2012 10:05	10/24/2012 11:44
12101392-005A	T10IT-3	NELAP		3.85	**299**	mg/Kg-dry	1	10/30/2012 10:11	10/24/2012 10:31
12101392-006A	T07KT-2	NELAP		3.85	**789**	mg/Kg-dry	1	10/30/2012 10:50	10/24/2012 13:28
12101392-007A	T10JT	NELAP		3.64	**569**	mg/Kg-dry	1	10/30/2012 10:56	10/24/2012 10:50
12101392-008A	T07JT-2	NELAP		37.0	**596**	mg/Kg-dry	10	10/30/2012 9:15	10/24/2012 13:38
12101392-009A	T03MT	NELAP		3.92	**436**	mg/Kg-dry	1	10/30/2012 8:43	10/24/2012 17:58
12101392-010A	T03MT-2	NELAP		3.85	**773**	mg/Kg-dry	1	10/30/2012 8:47	10/24/2012 18:00
12101392-011A	T09KT-3	NELAP		3.92	**689**	mg/Kg-dry	1	10/30/2012 8:51	10/24/2012 10:00
12101392-012A	T04LT-4	NELAP	S	3.77	**663**	mg/Kg-dry	1	10/30/2012 8:54	10/24/2012 17:55
12101392-013A	T03LT-2	NELAP		4.00	**704**	mg/Kg-dry	1	10/30/2012 9:40	10/24/2012 18:20
12101392-014A	T11HT	NELAP		3.70	**828**	mg/Kg-dry	1	10/30/2012 9:43	10/24/2012 9:16
12101392-015A	DUP-4	NELAP		3.92	**596**	mg/Kg-dry	1	10/30/2012 9:47	10/24/2012 0:00
12101392-016A	T09IT	NELAP		3.64	**460**	mg/Kg-dry	1	10/30/2012 9:51	10/24/2012 10:17
12101392-017A	T03LT	NELAP		4.00	**938**	mg/Kg-dry	1	10/30/2012 9:54	10/24/2012 18:10
12101392-018A	T09LT-2	NELAP		4.00	**448**	mg/Kg-dry	1	10/30/2012 10:13	10/24/2012 13:15
12101392-019A	T02LT	NELAP		3.64	**1620**	mg/Kg-dry	1	10/30/2012 10:17	10/24/2012 18:05
12101392-020A	T03LT-2 Depth	NELAP		3.64	**1770**	mg/Kg-dry	1	10/30/2012 10:21	10/24/2012 18:20
12101392-021A	T08KT	NELAP		4.00	**438**	mg/Kg-dry	1	10/30/2012 10:24	10/24/2012 13:20
12101392-022A	G08FT	NELAP	S	3.85	**370**	mg/Kg-dry	1	10/30/2012 10:28	10/24/2012 15:05
12101392-023A	T07HT	NELAP		4.00	**511**	mg/Kg-dry	1	10/30/2012 10:39	10/24/2012 14:37
12101392-024A	T07KT-3	NELAP		3.92	**733**	mg/Kg-dry	1	10/30/2012 10:43	10/24/2012 13:25
12101392-025A	T04LT-3	NELAP		3.85	**514**	mg/Kg-dry	1	10/30/2012 10:46	10/24/2012 17:40
12101392-026A	T09KT-4 Depth	NELAP		3.85	**896**	mg/Kg-dry	1	10/30/2012 11:00	10/24/2012 11:35
12101392-027A	T11JT-2	NELAP		3.92	**403**	mg/Kg-dry	1	10/30/2012 11:04	10/24/2012 10:45
12101392-028A	T09KT-4	NELAP		3.77	**836**	mg/Kg-dry	1	10/30/2012 11:18	10/24/2012 11:32
12101392-029A	DUP-3	NELAP		3.77	**720**	mg/Kg-dry	1	10/30/2012 11:22	10/24/2012 0:00
12101392-030A	T08FT	NELAP		3.92	**810**	mg/Kg-dry	1	10/30/2012 11:26	10/24/2012 15:08
12101392-031A	T08IT	NELAP		3.70	**713**	mg/Kg-dry	1	10/30/2012 11:29	10/24/2012 16:09
12101392-032A	T08HT	NELAP		3.70	**525**	mg/Kg-dry	1	10/30/2012 11:33	10/24/2012 14:48
12101392-033A	T06JT-2	NELAP	S	3.92	**390**	mg/Kg-dry	1	10/30/2012 11:45	10/24/2012 16:25
12101392-034A	G07GT	NELAP		3.92	**986**	mg/Kg-dry	1	10/30/2012 11:56	10/24/2012 15:50
12101392-035A	T08JT-2	NELAP		3.70	**457**	mg/Kg-dry	1	10/30/2012 11:59	10/24/2012 13:49
12101392-036A	DUP-2	NELAP		3.77	**391**	mg/Kg-dry	1	10/30/2012 12:03	10/24/2012 0:00
12101392-037A	T07JT-3	NELAP		3.92	**858**	mg/Kg-dry	1	10/30/2012 12:07	10/24/2012 13:34
12101392-038A	T07JT	NELAP		3.64	**679**	mg/Kg-dry	1	10/30/2012 12:10	10/24/2012 13:44
12101392-039A	T07IT Depth	NELAP		3.85	**1010**	mg/Kg-dry	1	10/30/2012 12:14	10/24/2012 14:15
12101392-040A	G07HT	NELAP		3.85	**844**	mg/Kg-dry	1	10/30/2012 12:18	10/24/2012 14:07
12101392-041A	T11JT	NELAP		3.92	**508**	mg/Kg-dry	1	10/30/2012 12:31	10/24/2012 10:35
12101392-042A	T10KT-4	NELAP	S	3.77	**454**	mg/Kg-dry	1	10/30/2012 12:35	10/24/2012 9:50
12101392-043A	T12GT Depth	NELAP		3.92	**366**	mg/Kg-dry	1	10/30/2012 12:46	10/24/2012 8:15
12101392-044A	T12HT-2	NELAP		3.92	**549**	mg/Kg-dry	1	10/30/2012 12:50	10/24/2012 8:37
12101392-045A	T12HT-4	NELAP		3.70	**754**	mg/Kg-dry	1	10/30/2012 12:53	10/24/2012 8:55
12101392-046A	T10JT-2	NELAP		3.92	**523**	mg/Kg-dry	1	10/30/2012 12:57	10/24/2012 10:55
12101392-047A	T13GT-2	NELAP		3.70	**462**	mg/Kg-dry	1	10/30/2012 13:01	10/24/2012 8:30
12101392-048A	DUP-1	NELAP		3.85	**744**	mg/Kg-dry	1	10/30/2012 16:22	10/24/2012 0:00

Client: Barr Engineering Company
Client Project: Federal MTS/25/86-0006
Matrix: SOLID

Work Order: 12101392
Report Date: 31-Oct-12

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
W-846 3050B, 6010B, METALS BY ICP									
Lead									
12101392-049A	T12HT-3	NELAP		3.85	**575**	mg/Kg-dry	1	10/30/2012 16:25	10/24/2012 8:41
12101392-050A	T14GT	NELAP		4.00	**751**	mg/Kg-dry	1	10/30/2012 16:29	10/24/2012 7:40
12101392-051A	T11HT-2	NELAP		3.85	**685**	mg/Kg-dry	1	10/30/2012 16:33	10/24/2012 9:10
12101392-052A	T10JT-3	NELAP		3.70	**688**	mg/Kg-dry	1	10/30/2012 16:36	10/24/2012 10:07
12101392-053A	T09KT	NELAP		3.77	**696**	mg/Kg-dry	1	10/30/2012 16:40	10/24/2012 10:03
12101392-054A	T14GT-2	NELAP		3.92	**972**	mg/Kg-dry	1	10/30/2012 16:44	10/24/2012 7:45
12101392-055A	T12HT Depth	NELAP		3.85	**769**	mg/Kg-dry	1	10/30/2012 16:55	10/24/2012 9:22
12101392-056A	T09JT	NELAP		3.92	**702**	mg/Kg-dry	1	10/30/2012 16:59	10/24/2012 10:12
12101392-057A	T10KT-3	NELAP		3.64	**733**	mg/Kg-dry	1	10/30/2012 17:02	10/24/2012 9:55
12101392-058A	T12HT	NELAP		3.92	**348**	mg/Kg-dry	1	10/30/2012 17:06	10/24/2012 9:21
12101392-059A	T10IT-2	NELAP		3.64	**971**	mg/Kg-dry	1	10/30/2012 17:17	10/24/2012 10:23
12101392-060A	G12ET	NELAP		4.00	**778**	mg/Kg-dry	1	10/30/2012 17:21	10/24/2012 9:33
12101392-061A	T07GT	NELAP		3.64	**1060**	mg/Kg-dry	1	10/30/2012 17:24	10/24/2012 15:40
12101392-062A	T08FT-2	NELAP		3.85	**680**	mg/Kg-dry	1	10/30/2012 17:28	10/24/2012 15:30
12101392-063A	T07GT Depth	NELAP		3.77	**1560**	mg/Kg-dry	1	10/30/2012 17:39	10/24/2012 15:42
12101392-064A	T07GT-2	NELAP		3.77	**495**	mg/Kg-dry	1	10/30/2012 17:43	10/24/2012 14:55
12101392-065A	T08FT-1	NELAP		3.77	**572**	mg/Kg-dry	1	10/30/2012 17:47	10/24/2012 15:00
12101392-066A	T06IT	NELAP		3.70	**444**	mg/Kg-dry	1	10/30/2012 17:50	10/24/2012 16:21
12101392-067A	T06JT-3	NELAP	S	3.85	**407**	mg/Kg-dry	1	10/30/2012 17:54	10/24/2012 16:30
12101392-068A	G06KT	NELAP		3.64	**581**	mg/Kg-dry	1	10/30/2012 13:24	10/24/2012 16:40
12101392-069A	G04LT	NELAP	S	3.92	**381**	mg/Kg-dry	1	10/30/2012 13:27	10/24/2012 17:40
12101392-070A	T05KT-4	NELAP		3.85	**379**	mg/Kg-dry	1	10/30/2012 13:38	10/24/2012 17:40
12101392-071A	T05KT-2	NELAP		3.92	**487**	mg/Kg-dry	1	10/30/2012 13:42	10/24/2012 17:35
12101392-072A	T04LT-2	NELAP		4.00	**463**	mg/Kg-dry	1	10/30/2012 13:46	10/24/2012 17:00
12101392-073A	T07HT-2	NELAP		3.92	**2700**	mg/Kg-dry	1	10/30/2012 13:49	10/24/2012 14:05
12101392-074A	G07GT Depth	NELAP		3.77	**1130**	mg/Kg-dry	1	10/30/2012 14:02	10/24/2012 15:58
12101392-075A	T06KT-2	NELAP		3.64	**906**	mg/Kg-dry	1	10/30/2012 14:05	10/24/2012 16:45
12101392-076A	T04KT-2	NELAP		3.92	**638**	mg/Kg-dry	1	10/30/2012 14:09	10/24/2012 17:30
12101392-077A	T04LT-2 Depth	NELAP		3.92	**495**	mg/Kg-dry	1	10/30/2012 14:13	10/24/2012 17:05
12101392-078A	T05KT-3	NELAP		3.77	**442**	mg/Kg-dry	1	10/30/2012 14:16	10/24/2012 17:30
12101392-079A	T04KT	NELAP		3.64	**442**	mg/Kg-dry	1	10/30/2012 14:20	10/24/2012 17:20
12101392-080A	G07IT	NELAP	S	3.64	**623**	mg/Kg-dry	1	10/30/2012 15:26	10/24/2012 16:05
12101392-081A	T12GT	NELAP		3.70	**403**	mg/Kg-dry	1	10/30/2012 15:38	10/24/2012 8:10
12101392-082A	T13FT-2	NELAP		3.92	**383**	mg/Kg-dry	1	10/30/2012 15:41	10/24/2012 7:35
12101392-083A	T11HT-3	NELAP		3.85	**860**	mg/Kg-dry	1	10/30/2012 15:45	10/24/2012 9:03
12101392-084A	T14GT-3	NELAP		3.77	**936**	mg/Kg-dry	1	10/30/2012 15:49	10/24/2012 7:50
12101392-085A	T14FT-2	NELAP		3.70	**737**	mg/Kg-dry	1	10/30/2012 15:52	10/24/2012 7:35
12101392-086A	T15GT	NELAP		3.70	**578**	mg/Kg-dry	1	10/30/2012 15:56	10/24/2012 8:02
12101392-087A	T10KT-2 Depth	NELAP		3.92	**868**	mg/Kg-dry	1	10/30/2012 16:00	10/24/2012 11:03
12101392-088A	T12IT-2	NELAP		3.92	**662**	mg/Kg-dry	1	10/30/2012 12:03	10/24/2012 8:46
12101392-089A	T15GT-2	NELAP		3.77	**365**	mg/Kg-dry	1	10/30/2012 12:09	10/24/2012 7:59
12101392-090A	T07IT	NELAP		3.64	**848**	mg/Kg-dry	1	10/30/2012 12:15	10/24/2012 14:12
12101392-091A	T14HT-2	NELAP		3.85	**357**	mg/Kg-dry	1	10/30/2012 12:21	10/24/2012 7:53
12101392-092A	T15GT-3	NELAP	S	4.00	**425**	mg/Kg-dry	1	10/30/2012 12:26	10/24/2012 7:56
12101392-093A	T12IT-3	NELAP		3.92	**354**	mg/Kg-dry	1	10/30/2012 12:58	10/24/2012 8:51
12101392-094A	T13FT	NELAP		3.70	**323**	mg/Kg-dry	1	10/30/2012 13:04	10/24/2012 8:25
12101392-095A	T03MT-3	NELAP		3.64	**723**	mg/Kg-dry	1	10/30/2012 13:10	10/25/2012 7:40
12101392-096A	T05LT-2	NELAP		3.70	**426**	mg/Kg-dry	1	10/30/2012 13:16	10/25/2012 8:15

Client: Barr Engineering Company
Work Order: 12101392
Client Project: Federal MTS/25/86-0006
Report Date: 31-Oct-12
Matrix: SOLID

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
W-846 3050B, 6010B, METALS BY ICP									
Lead									
12101392-097A	T05MT-2	NELAP		3.92	**536**	mg/Kg-dry	1	10/30/2012 13:22	10/25/2012 8:25
12101392-098A	T07IT-2	NELAP		3.92	**356**	mg/Kg-dry	1	10/30/2012 13:27	10/25/2012 7:20
12101392-099A	T03NT-2	NELAP		3.64	**496**	mg/Kg-dry	1	10/30/2012 13:33	10/25/2012 7:44
12101392-100A	G04MT	NELAP		3.92	**384**	mg/Kg-dry	1	10/30/2012 13:39	10/25/2012 7:30
12101392-101A	T05MT-3	NELAP		3.70	**471**	mg/Kg-dry	1	10/30/2012 13:45	10/25/2012 7:52
12101392-102A	T07LT-2	NELAP		3.85	**917**	mg/Kg-dry	1	10/30/2012 13:51	10/25/2012 8:35
12101392-103A	T06LT-2	NELAP		3.77	**582**	mg/Kg-dry	1	10/30/2012 14:13	10/25/2012 8:10
12101392-104A	T03MT-4	NELAP		4.00	**565**	mg/Kg-dry	1	10/30/2012 14:19	10/25/2012 7:40
12101392-105A	T04NT	NELAP		3.70	**482**	mg/Kg-dry	1	10/30/2012 14:25	10/25/2012 7:50
12101392-106A	T09NT-4	NELAP		3.85	**703**	mg/Kg-dry	1	10/30/2012 14:30	10/25/2012 11:15
12101392-107A	T02NT	NELAP		3.92	**949**	mg/Kg-dry	1	10/30/2012 18:23	10/25/2012 10:35
12101392-108A	T02NT-4	NELAP		3.70	**823**	mg/Kg-dry	1	10/30/2012 18:27	10/25/2012 10:30
12101392-109A	T08MT-5	NELAP		3.92	**847**	mg/Kg-dry	1	10/30/2012 18:31	10/25/2012 11:40
12101392-110A	T09NT-5	NELAP		3.92	**1060**	mg/Kg-dry	1	10/30/2012 18:34	10/25/2012 11:20
12101392-111A	T10NT-4	NELAP		3.70	**800**	mg/Kg-dry	1	10/30/2012 18:38	10/25/2012 12:05
12101392-112A	T10NT	NELAP		3.92	**965**	mg/Kg-dry	1	10/30/2012 18:42	10/25/2012 12:10
12101392-113A	T09NT-6 Depth	NELAP		3.77	**904**	mg/Kg-dry	1	10/30/2012 18:45	10/25/2012 12:20
12101392-114A	T09NT-3	NELAP		3.92	**859**	mg/Kg-dry	1	10/30/2012 18:49	10/25/2012 12:10
12101392-115A	T09NT-2	NELAP		3.77	**1930**	mg/Kg-dry	1	10/30/2012 18:53	10/25/2012 11:45
12101392-116A	T08NT-2	NELAP		3.85	**898**	mg/Kg-dry	1	10/30/2012 18:56	10/25/2012 11:30
12101392-117A	T06OT-2	NELAP		3.77	**567**	mg/Kg-dry	1	10/30/2012 19:07	10/25/2012 10:59
12101392-118A	T08OT-3	NELAP		3.85	**946**	mg/Kg-dry	1	10/30/2012 19:11	10/25/2012 12:40
12101392-119A	T10MT-4	NELAP		3.64	**791**	mg/Kg-dry	1	10/30/2012 19:15	10/25/2012 12:00
12101392-120A	T05OT-2	NELAP		3.92	**818**	mg/Kg-dry	1	10/30/2012 19:18	10/25/2012 10:50
12101392-121A	T08NT	NELAP		3.85	**748**	mg/Kg-dry	1	10/30/2012 19:22	10/25/2012 11:35
12101392-122A	T09NT-6	NELAP		3.64	**653**	mg/Kg-dry	1	10/30/2012 19:26	10/25/2012 11:20
12101392-123A	T10NT-3	NELAP		3.70	**651**	mg/Kg-dry	1	10/30/2012 19:29	10/25/2012 12:05
12101392-124A	T09NT	NELAP		4.00	**869**	mg/Kg-dry	1	10/30/2012 19:33	10/25/2012 11:50
12101392-125A	T10MT-3	NELAP		3.85	**413**	mg/Kg-dry	1	10/30/2012 15:50	10/25/2012 11:50
12101392-126A	T04MT-2	NELAP		3.92	**795**	mg/Kg-dry	1	10/30/2012 15:55	10/25/2012 7:35
12101392-127A	T08MT-3	NELAP		3.64	**505**	mg/Kg-dry	1	10/30/2012 16:01	10/25/2012 9:20
12101392-128A	T07LT-3	NELAP		4.00	**444**	mg/Kg-dry	1	10/30/2012 16:07	10/25/2012 8:55
12101392-129A	T08MT-4	NELAP		3.77	**407**	mg/Kg-dry	1	10/30/2012 16:13	10/25/2012 9:25
12101392-130A	G05LT	NELAP		3.92	**606**	mg/Kg-dry	1	10/30/2012 16:19	10/25/2012 8:20
12101392-131A	T08LT-2	NELAP		3.77	**398**	mg/Kg-dry	1	10/30/2012 16:25	10/25/2012 9:05
12101392-132A	T10MT-2	NELAP		3.70	**396**	mg/Kg-dry	1	10/30/2012 16:42	10/25/2012 9:35
12101392-133A	T10MT	NELAP		3.92	**481**	mg/Kg-dry	1	10/30/2012 16:48	10/25/2012 9:40
12101392-134A	T09LT-3	NELAP		3.92	**401**	mg/Kg-dry	1	10/30/2012 16:54	10/25/2012 9:10
12101392-135A	T08MT-2	NELAP		3.92	**406**	mg/Kg-dry	1	10/30/2012 16:59	10/25/2012 9:15
12101392-136A	DUP-5	NELAP		3.85	**413**	mg/Kg-dry	1	10/30/2012 17:05	10/25/2012 0:00
12101392-137A	T07LT-2 Depth	NELAP		3.85	**699**	mg/Kg-dry	1	10/30/2012 17:11	10/25/2012 8:40
12101392-138A	T02NT-2	NELAP		3.92	**874**	mg/Kg-dry	1	10/30/2012 17:17	10/25/2012 10:32
12101392-139A	T02NT-3	NELAP		3.85	**467**	mg/Kg-dry	1	10/30/2012 17:23	10/25/2012 10:27
12101392-140A	G14LT	NELAP		3.77	**494**	mg/Kg-dry	1	10/30/2012 17:29	10/25/2012 10:00
12101392-141A	T04NT-2	NELAP		3.64	**619**	mg/Kg-dry	1	10/30/2012 17:34	10/25/2012 10:30
12101392-142A	G11LT	NELAP		3.85	**441**	mg/Kg-dry	1	10/30/2012 17:52	10/25/2012 9:50
12101392-143A	G11LT Depth	NELAP		3.92	**1520**	mg/Kg-dry	1	10/30/2012 20:17	10/25/2012 9:55
12101392-144A	T08OT-2	NELAP		3.85	**569**	mg/Kg-dry	1	10/30/2012 20:21	10/25/2012 11:05

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Client Project: Federal MTS/25/86-0006
Matrix: SOLID

Work Order: 12101392
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Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
W-846 3050B, 6010B, METALS BY ICP									
Lead									
12101392-145A	T07OT-2	NELAP		3.64	**600**	mg/Kg-dry	1	10/30/2012 20:24	10/25/2012 11:02
12101392-146A	T14MT-4	NELAP		3.64	**1070**	mg/Kg-dry	1	10/30/2012 20:35	10/25/2012 13:20
12101392-147A	G18MT Depth	NELAP		3.70	**1400**	mg/Kg-dry	1	10/30/2012 20:39	10/25/2012 14:05
12101392-148A	T15LT	NELAP		3.70	**838**	mg/Kg-dry	1	10/30/2012 20:43	10/25/2012 14:05
12101392-149A	T10NT-2	NELAP		3.85	**866**	mg/Kg-dry	1	10/30/2012 20:46	10/25/2012 11:55
12101392-150A	T14MT	NELAP		3.64	**793**	mg/Kg-dry	1	10/30/2012 20:50	10/25/2012 14:00
12101392-151A	T12MT-2	NELAP		3.64	**835**	mg/Kg-dry	1	10/30/2012 20:54	10/25/2012 13:10
12101392-152A	T11MT	NELAP		3.64	**677**	mg/Kg-dry	1	10/30/2012 20:57	10/25/2012 13:00
12101392-153A	DUP-7	NELAP		3.64	**887**	mg/Kg-dry	1	10/30/2012 21:01	10/25/2012 0:00
12101392-154A	T17NT Depth	NELAP		3.64	**4980**	mg/Kg-dry	1	10/30/2012 21:05	10/25/2012 14:30
12101392-155A	T17NT	NELAP		3.85	**963**	mg/Kg-dry	1	10/30/2012 21:08	10/25/2012 14:30
12101392-156A	T08OT-3 Depth	NELAP		3.70	**723**	mg/Kg-dry	1	10/30/2012 21:19	10/25/2012 12:45
12101392-157A	T14MT-2	NELAP		3.85	**846**	mg/Kg-dry	1	10/30/2012 21:23	10/25/2012 13:55
12101392-158A	T16MT	NELAP		3.77	**1480**	mg/Kg-dry	1	10/30/2012 21:27	10/25/2012 13:50
12101392-159A	T14MT-6	NELAP		3.64	**944**	mg/Kg-dry	1	10/30/2012 21:30	10/25/2012 13:30
12101392-160A	G18MT	NELAP		3.77	**1780**	mg/Kg-dry	1	10/30/2012 21:34	10/25/2012 14:00
12101392-161A	T14MT-3	NELAP		3.92	**652**	mg/Kg-dry	1	10/30/2012 19:02	10/25/2012 13:45
12101392-162A	T14MT-5	NELAP		3.92	**891**	mg/Kg-dry	1	10/30/2012 19:08	10/25/2012 13:25
12101392-163A	T16MT Depth	NELAP		3.70	**1270**	mg/Kg-dry	1	10/30/2012 19:13	10/25/2012 13:50
12101392-164A	T19MT-2	NELAP		3.92	**846**	mg/Kg-dry	1	10/30/2012 19:19	10/25/2012 14:15
12101392-165A	DUP-6	NELAP		3.92	**781**	mg/Kg-dry	1	10/30/2012 19:25	10/25/2012 0:00
12101392-166A	T08LT-3	NELAP	S	3.77	**638**	mg/Kg-dry	1	10/31/2012 13:55	10/25/2012 8:50
12101392-167A	T19MT-4	NELAP	S	3.92	**1170**	mg/Kg-dry	1	10/30/2012 19:37	10/25/2012 14:20
12101392-168A	G03MT	NELAP	S	3.70	**438**	mg/Kg-dry	1	10/30/2012 19:55	10/25/2012 10:40
12101392-169A	T12MT	NELAP	S	3.92	**666**	mg/Kg-dry	1	10/30/2012 17:58	10/25/2012 13:05
12101392-170A	T13GT	NELAP	S	3.77	**300**	mg/Kg-dry	1	10/30/2012 18:15	10/24/2012 8:20
12101392-171A	T03KT	NELAP		4.00	**338**	mg/Kg-dry	1	10/30/2012 21:38	10/24/2012 17:10
12101392-172A	T07GT	NELAP		3.85	**742**	mg/Kg-dry	1	10/30/2012 21:49	10/24/2012 14:25
12101392-173A	T10KT	NELAP	S	4.00	**521**	mg/Kg-dry	1	10/31/2012 14:06	10/24/2012 11:12

(-012) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-022) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-033) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-042) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-067) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-069) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-080) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-092) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-166) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-167) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-168) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-169) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-170) MS QC limits for Pb are not applicable due to high sample/spike ratio.
(-173) MS QC limits for Pb are not applicable due to high sample/spike ratio.

Client: Barr Engineering Company

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Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
12101392-001	G12JT	Solid	2	10/24/2012 10:40
12101392-002	T10IT	Solid	2	10/24/2012 10:27
12101392-003	T10KT-2	Solid	2	10/24/2012 11:00
12101392-004	T09KT-2	Solid	2	10/24/2012 11:44
12101392-005	T10IT-3	Solid	2	10/24/2012 10:31
12101392-006	T07KT-2	Solid	2	10/24/2012 13:28
12101392-007	T10JT	Solid	2	10/24/2012 10:50
12101392-008	T07JT-2	Solid	2	10/24/2012 13:38
12101392-009	T03MT	Solid	2	10/24/2012 17:58
12101392-010	T03MT-2	Solid	2	10/24/2012 18:00
12101392-011	T09KT-3	Solid	2	10/24/2012 10:00
12101392-012	T04LT-4	Solid	2	10/24/2012 17:55
12101392-013	T03LT-2	Solid	2	10/24/2012 18:20
12101392-014	T11HT	Solid	2	10/24/2012 9:16
12101392-015	DUP-4	Solid	2	10/24/2012 0:00
12101392-016	T09IT	Solid	2	10/24/2012 10:17
12101392-017	T03LT	Solid	2	10/24/2012 18:10
12101392-018	T09LT-2	Solid	2	10/24/2012 13:15
12101392-019	T02LT	Solid	2	10/24/2012 18:05
12101392-020	T03LT-2 Depth	Solid	2	10/24/2012 18:20
12101392-021	T08KT	Solid	2	10/24/2012 13:20
12101392-022	G08FT	Solid	2	10/24/2012 15:05
12101392-023	T07HT	Solid	2	10/24/2012 14:37
12101392-024	T07KT-3	Solid	2	10/24/2012 13:25
12101392-025	T04LT-3	Solid	2	10/24/2012 17:40
12101392-026	T09KT-4 Depth	Solid	2	10/24/2012 11:35
12101392-027	T11JT-2	Solid	2	10/24/2012 10:45
12101392-028	T09KT-4	Solid	2	10/24/2012 11:32
12101392-029	DUP-3	Solid	2	10/24/2012 0:00
12101392-030	T08FT	Solid	2	10/24/2012 15:08
12101392-031	T08IT	Solid	2	10/24/2012 16:09
12101392-032	T08HT	Solid	2	10/24/2012 14:48
12101392-033	T06JT-2	Solid	2	10/24/2012 16:25
12101392-034	G07GT	Solid	2	10/24/2012 15:50
12101392-035	T08JT-2	Solid	2	10/24/2012 13:49
12101392-036	DUP-2	Solid	2	10/24/2012 0:00
12101392-037	T07JT-3	Solid	2	10/24/2012 13:34
12101392-038	T07JT	Solid	2	10/24/2012 13:44
12101392-039	T07IT Depth	Solid	2	10/24/2012 14:15

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12101392-040	G07HT	Solid	2	10/24/2012 14:07
12101392-041	T11JT	Solid	2	10/24/2012 10:35
12101392-042	T10KT-4	Solid	2	10/24/2012 9:50
12101392-043	T12GT Depth	Solid	2	10/24/2012 8:15
12101392-044	T12HT-2	Solid	2	10/24/2012 8:37
12101392-045	T12HT-4	Solid	2	10/24/2012 8:55
12101392-046	T10JT-2	Solid	2	10/24/2012 10:55
12101392-047	T13GT-2	Solid	2	10/24/2012 8:30
12101392-048	DUP-1	Solid	2	10/24/2012 0:00
12101392-049	T12HT-3	Solid	2	10/24/2012 8:41
12101392-050	T14GT	Solid	2	10/24/2012 7:40
12101392-051	T11HT-2	Solid	2	10/24/2012 9:10
12101392-052	T10JT-3	Solid	2	10/24/2012 10:07
12101392-053	T09KT	Solid	2	10/24/2012 10:03
12101392-054	T14GT-2	Solid	2	10/24/2012 7:45
12101392-055	T12HT Depth	Solid	2	10/24/2012 9:22
12101392-056	T09JT	Solid	2	10/24/2012 10:12
12101392-057	T10KT-3	Solid	2	10/24/2012 9:55
12101392-058	T12HT	Solid	2	10/24/2012 9:21
12101392-059	T10IT-2	Solid	2	10/24/2012 10:23
12101392-060	G12ET	Solid	2	10/24/2012 9:33
12101392-061	T07GT	Solid	2	10/24/2012 15:40
12101392-062	T08FT-2	Solid	2	10/24/2012 15:30
12101392-063	T07GT Depth	Solid	2	10/24/2012 15:42
12101392-064	T07GT-2	Solid	2	10/24/2012 14:55
12101392-065	T08FT-1	Solid	2	10/24/2012 15:00
12101392-066	T06IT	Solid	2	10/24/2012 16:21
12101392-067	T06JT-3	Solid	2	10/24/2012 16:30
12101392-068	G06KT	Solid	2	10/24/2012 16:40
12101392-069	G04LT	Solid	2	10/24/2012 17:40
12101392-070	T05KT-4	Solid	2	10/24/2012 17:40
12101392-071	T05KT-2	Solid	2	10/24/2012 17:35
12101392-072	T04LT-2	Solid	2	10/24/2012 17:00
12101392-073	T07HT-2	Solid	2	10/24/2012 14:05
12101392-074	G07GT Depth	Solid	2	10/24/2012 15:58
12101392-075	T06KT-2	Solid	2	10/24/2012 16:45
12101392-076	T04KT-2	Solid	2	10/24/2012 17:30
12101392-077	T04LT-2 Depth	Solid	2	10/24/2012 17:05
12101392-078	T05KT-3	Solid	2	10/24/2012 17:30

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Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
12101392-079	T04KT	Solid	2	10/24/2012 17:20
12101392-080	G07IT	Solid	2	10/24/2012 16:05
12101392-081	T12GT	Solid	2	10/24/2012 8:10
12101392-082	T13FT-2	Solid	2	10/24/2012 7:35
12101392-083	T11HT-3	Solid	2	10/24/2012 9:03
12101392-084	T14GT-3	Solid	2	10/24/2012 7:50
12101392-085	T14FT-2	Solid	2	10/24/2012 7:35
12101392-086	T15GT	Solid	2	10/24/2012 8:02
12101392-087	T10KT-2 Depth	Solid	2	10/24/2012 11:03
12101392-088	T12IT-2	Solid	2	10/24/2012 8:46
12101392-089	T15GT-2	Solid	2	10/24/2012 7:59
12101392-090	T07IT	Solid	2	10/24/2012 14:12
12101392-091	T14HT-2	Solid	2	10/24/2012 7:53
12101392-092	T15GT-3	Solid	2	10/24/2012 7:56
12101392-093	T12IT-3	Solid	2	10/24/2012 8:51
12101392-094	T13FT	Solid	2	10/24/2012 8:25
12101392-095	T03MT-3	Solid	2	10/25/2012 7:40
12101392-096	T05LT-2	Solid	2	10/25/2012 8:15
12101392-097	T05MT-2	Solid	2	10/25/2012 8:25
12101392-098	T07IT-2	Solid	2	10/25/2012 7:20
12101392-099	T03NT-2	Solid	2	10/25/2012 7:44
12101392-100	G04MT	Solid	2	10/25/2012 7:30
12101392-101	T05MT-3	Solid	2	10/25/2012 7:52
12101392-102	T07LT-2	Solid	2	10/25/2012 8:35
12101392-103	T06LT-2	Solid	2	10/25/2012 8:10
12101392-104	T03MT-4	Solid	2	10/25/2012 7:40
12101392-105	T04NT	Solid	2	10/25/2012 7:50
12101392-106	T09NT-4	Solid	2	10/25/2012 11:15
12101392-107	T02NT	Solid	2	10/25/2012 10:35
12101392-108	T02NT-4	Solid	2	10/25/2012 10:30
12101392-109	T08MT-5	Solid	2	10/25/2012 11:40
12101392-110	T09NT-5	Solid	2	10/25/2012 11:20
12101392-111	T10NT-4	Solid	2	10/25/2012 12:05
12101392-112	T10NT	Solid	2	10/25/2012 12:10
12101392-113	T09NT-6 Depth	Solid	2	10/25/2012 12:20
12101392-114	T09NT-3	Solid	2	10/25/2012 12:10
12101392-115	T09NT-2	Solid	2	10/25/2012 11:45
12101392-116	T08NT-2	Solid	2	10/25/2012 11:30
12101392-117	T06OT-2	Solid	2	10/25/2012 10:59

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12101392-118	T08OT-3	Solid	2	10/25/2012 12:40
12101392-119	T10MT-4	Solid	2	10/25/2012 12:00
12101392-120	T05OT-2	Solid	2	10/25/2012 10:50
12101392-121	T08NT	Solid	2	10/25/2012 11:35
12101392-122	T09NT-6	Solid	2	10/25/2012 11:20
12101392-123	T10NT-3	Solid	2	10/25/2012 12:05
12101392-124	T09NT	Solid	2	10/25/2012 11:50
12101392-125	T10MT-3	Solid	2	10/25/2012 11:50
12101392-126	T04MT-2	Solid	2	10/25/2012 7:35
12101392-127	T08MT-3	Solid	2	10/25/2012 9:20
12101392-128	T07LT-3	Solid	2	10/25/2012 8:55
12101392-129	T08MT-4	Solid	2	10/25/2012 9:25
12101392-130	G05LT	Solid	2	10/25/2012 8:20
12101392-131	T08LT-2	Solid	2	10/25/2012 9:05
12101392-132	T10MT-2	Solid	2	10/25/2012 9:35
12101392-133	T10MT	Solid	2	10/25/2012 9:40
12101392-134	T09LT-3	Solid	2	10/25/2012 9:10
12101392-135	T08MT-2	Solid	2	10/25/2012 9:15
12101392-136	DUP-5	Solid	2	10/25/2012 0:00
12101392-137	T07LT-2 Depth	Solid	2	10/25/2012 8:40
12101392-138	T02NT-2	Solid	2	10/25/2012 10:32
12101392-139	T02NT-3	Solid	2	10/25/2012 10:27
12101392-140	G14LT	Solid	2	10/25/2012 10:00
12101392-141	T04NT-2	Solid	2	10/25/2012 10:30
12101392-142	G11LT	Solid	2	10/25/2012 9:50
12101392-143	G11LT Depth	Solid	2	10/25/2012 9:55
12101392-144	T08OT-2	Solid	2	10/25/2012 11:05
12101392-145	T07OT-2	Solid	2	10/25/2012 11:02
12101392-146	T14MT-4	Solid	2	10/25/2012 13:20
12101392-147	G18MT Depth	Solid	2	10/25/2012 14:05
12101392-148	T15LT	Solid	2	10/25/2012 14:05
12101392-149	T10NT-2	Solid	2	10/25/2012 11:55
12101392-150	T14MT	Solid	2	10/25/2012 14:00
12101392-151	T12MT-2	Solid	2	10/25/2012 13:10
12101392-152	T11MT	Solid	2	10/25/2012 13:00
12101392-153	DUP-7	Solid	2	10/25/2012 0:00
12101392-154	T17NT Depth	Solid	2	10/25/2012 14:30
12101392-155	T17NT	Solid	2	10/25/2012 14:30
12101392-156	T08OT-3 Depth	Solid	2	10/25/2012 12:45

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12101392-157	T14MT-2	Solid	2	10/25/2012 13:55
12101392-158	T16MT	Solid	2	10/25/2012 13:50
12101392-159	T14MT-6	Solid	2	10/25/2012 13:30
12101392-160	G18MT	Solid	2	10/25/2012 14:00
12101392-161	T14MT-3	Solid	2	10/25/2012 13:45
12101392-162	T14MT-5	Solid	2	10/25/2012 13:25
12101392-163	T16MT Depth	Solid	2	10/25/2012 13:50
12101392-164	T19MT-2	Solid	2	10/25/2012 14:15
12101392-165	DUP-6	Solid	2	10/25/2012 0:00
12101392-166	T08LT-3	Solid	2	10/25/2012 8:50
12101392-167	T19MT-4	Solid	2	10/25/2012 14:20
12101392-168	G03MT	Solid	2	10/25/2012 10:40
12101392-169	T12MT	Solid	2	10/25/2012 13:05
12101392-170	T13GT	Solid	2	10/24/2012 8:20
12101392-171	T03KT	Solid	2	10/24/2012 17:10
12101392-172	T07GT	Solid	2	10/24/2012 14:25
12101392-173	T10KT	Solid	2	10/24/2012 11:12

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Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
12101392-001A	G12JT	10/24/2012 10:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 11:48	10/30/2012 9:36
12101392-002A	T10IT	10/24/2012 10:27	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 11:48	10/30/2012 9:54
12101392-003A	T10KT-2	10/24/2012 11:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 11:48	10/30/2012 10:00
12101392-004A	T09KT-2	10/24/2012 11:44	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 11:48	10/30/2012 10:05
12101392-005A	T10IT-3	10/24/2012 10:31	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 11:48	10/30/2012 10:11
12101392-006A	T07KT-2	10/24/2012 13:28	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 11:48	10/30/2012 10:50
12101392-007A	T10JT	10/24/2012 10:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 11:48	10/30/2012 10:56
12101392-008A	T07JT-2	10/24/2012 13:38	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 9:15
12101392-009A	T03MT	10/24/2012 17:58	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 8:43
12101392-010A	T03MT-2	10/24/2012 18:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 8:47
12101392-011A	T09KT-3	10/24/2012 10:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 8:51
12101392-012A	T04LT-4	10/24/2012 17:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 8:54
12101392-013A	T03LT-2	10/24/2012 18:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 9:40
12101392-014A	T11HT	10/24/2012 9:16	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 9:43
12101392-015A	DUP-4	10/24/2012 0:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 9:47
12101392-016A	T09IT	10/24/2012 10:17	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 9:51
12101392-017A	T03LT	10/24/2012 18:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 9:54
12101392-018A	T09LT-2	10/24/2012 13:15	10/27/2012 12:20		

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	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 10:13
12101392-019A	T02LT	10/24/2012 18:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 10:17
12101392-020A	T03LT-2 Depth	10/24/2012 18:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 10:21
12101392-021A	T08KT	10/24/2012 13:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 10:24
12101392-022A	G08FT	10/24/2012 15:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 10:28
12101392-023A	T07HT	10/24/2012 14:37	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 10:39
12101392-024A	T07KT-3	10/24/2012 13:25	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 10:43
12101392-025A	T04LT-3	10/24/2012 17:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 10:46
12101392-026A	T09KT-4 Depth	10/24/2012 11:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 11:00
12101392-027A	T11JT-2	10/24/2012 10:45	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 13:30	10/30/2012 11:04
12101392-028A	T09KT-4	10/24/2012 11:32	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 11:18
12101392-029A	DUP-3	10/24/2012 0:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 11:22
12101392-030A	T08FT	10/24/2012 15:08	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 11:26
12101392-031A	T08IT	10/24/2012 16:09	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 11:29
12101392-032A	T08HT	10/24/2012 14:48	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 11:33
12101392-033A	T06JT-2	10/24/2012 16:25	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 11:45
12101392-034A	G07GT	10/24/2012 15:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 11:56
12101392-035A	T08JT-2	10/24/2012 13:49	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 11:59

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12101392-036A	DUP-2	10/24/2012 0:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:03
12101392-037A	T07JT-3	10/24/2012 13:34	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:07
12101392-038A	T07JT	10/24/2012 13:44	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:10
12101392-039A	T07IT Depth	10/24/2012 14:15	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:14
12101392-040A	G07HT	10/24/2012 14:07	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:18
12101392-041A	T11JT	10/24/2012 10:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:31
12101392-042A	T10KT-4	10/24/2012 9:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:35
12101392-043A	T12GT Depth	10/24/2012 8:15	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:46
12101392-044A	T12HT-2	10/24/2012 8:37	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:50
12101392-045A	T12HT-4	10/24/2012 8:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:53
12101392-046A	T10JT-2	10/24/2012 10:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 12:57
12101392-047A	T13GT-2	10/24/2012 8:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 14:56	10/30/2012 13:01
12101392-048A	DUP-1	10/24/2012 0:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:22
12101392-049A	T12HT-3	10/24/2012 8:41	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:25
12101392-050A	T14GT	10/24/2012 7:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:29
12101392-051A	T11HT-2	10/24/2012 9:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:33
12101392-052A	T10JT-3	10/24/2012 10:07	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:36
12101392-053A	T09KT	10/24/2012 10:03	10/27/2012 12:20		

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	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:40
12101392-054A	T14GT-2	10/24/2012 7:45	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:44
12101392-055A	T12HT Depth	10/24/2012 9:22	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:55
12101392-056A	T09JT	10/24/2012 10:12	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 16:59
12101392-057A	T10KT-3	10/24/2012 9:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:02
12101392-058A	T12HT	10/24/2012 9:21	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:06
12101392-059A	T10IT-2	10/24/2012 10:23	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:17
12101392-060A	G12ET	10/24/2012 9:33	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:21
12101392-061A	T07GT	10/24/2012 15:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:24
12101392-062A	T08FT-2	10/24/2012 15:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:28
12101392-063A	T07GT Depth	10/24/2012 15:42	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:39
12101392-064A	T07GT-2	10/24/2012 14:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:43
12101392-065A	T08FT-1	10/24/2012 15:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:47
12101392-066A	T06IT	10/24/2012 16:21	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:50
12101392-067A	T06JT-3	10/24/2012 16:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 16:08	10/30/2012 17:54
12101392-068A	G06KT	10/24/2012 16:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 13:24
12101392-069A	G04LT	10/24/2012 17:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 13:27
12101392-070A	T05KT-4	10/24/2012 17:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 13:38

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Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
12101392-071A	T05KT-2	10/24/2012 17:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 13:42
12101392-072A	T04LT-2	10/24/2012 17:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 13:46
12101392-073A	T07HT-2	10/24/2012 14:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 13:49
12101392-074A	G07GT Depth	10/24/2012 15:58	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 14:02
12101392-075A	T06KT-2	10/24/2012 16:45	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 14:05
12101392-076A	T04KT-2	10/24/2012 17:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 14:09
12101392-077A	T04LT-2 Depth	10/24/2012 17:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 14:13
12101392-078A	T05KT-3	10/24/2012 17:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 14:16
12101392-079A	T04KT	10/24/2012 17:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 14:20
12101392-080A	G07IT	10/24/2012 16:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 15:26
12101392-081A	T12GT	10/24/2012 8:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 15:38
12101392-082A	T13FT-2	10/24/2012 7:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 15:41
12101392-083A	T11HT-3	10/24/2012 9:03	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 15:45
12101392-084A	T14GT-3	10/24/2012 7:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 15:49
12101392-085A	T14FT-2	10/24/2012 7:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 15:52
12101392-086A	T15GT	10/24/2012 8:02	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 15:56
12101392-087A	T10KT-2 Depth	10/24/2012 11:03	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 18:06	10/30/2012 16:00
12101392-088A	T12IT-2	10/24/2012 8:46	10/27/2012 12:20		

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	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 12:03
12101392-089A	T15GT-2	10/24/2012 7:59	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 12:09
12101392-090A	T07IT	10/24/2012 14:12	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 12:15
12101392-091A	T14HT-2	10/24/2012 7:53	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 12:21
12101392-092A	T15GT-3	10/24/2012 7:56	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 12:26
12101392-093A	T12IT-3	10/24/2012 8:51	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 12:58
12101392-094A	T13FT	10/24/2012 8:25	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:04
12101392-095A	T03MT-3	10/25/2012 7:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:10
12101392-096A	T05LT-2	10/25/2012 8:15	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:16
12101392-097A	T05MT-2	10/25/2012 8:25	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:22
12101392-098A	T07IT-2	10/25/2012 7:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:27
12101392-099A	T03NT-2	10/25/2012 7:44	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:33
12101392-100A	G04MT	10/25/2012 7:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:39
12101392-101A	T05MT-3	10/25/2012 7:52	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:45
12101392-102A	T07LT-2	10/25/2012 8:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 13:51
12101392-103A	T06LT-2	10/25/2012 8:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 14:13
12101392-104A	T03MT-4	10/25/2012 7:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 14:19
12101392-105A	T04NT	10/25/2012 7:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 14:25

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Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Work Order: 12101392

Report Date: 31-Oct-12

Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
12101392-106A	T09NT-4	10/25/2012 11:15	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:03	10/30/2012 14:30
12101392-107A	T02NT	10/25/2012 10:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:23
12101392-108A	T02NT-4	10/25/2012 10:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:27
12101392-109A	T08MT-5	10/25/2012 11:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:31
12101392-110A	T09NT-5	10/25/2012 11:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:34
12101392-111A	T10NT-4	10/25/2012 12:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:38
12101392-112A	T10NT	10/25/2012 12:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:42
12101392-113A	T09NT-6 Depth	10/25/2012 12:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:45
12101392-114A	T09NT-3	10/25/2012 12:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:49
12101392-115A	T09NT-2	10/25/2012 11:45	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:53
12101392-116A	T08NT-2	10/25/2012 11:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 18:56
12101392-117A	T06OT-2	10/25/2012 10:59	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:07
12101392-118A	T08OT-3	10/25/2012 12:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:11
12101392-119A	T10MT-4	10/25/2012 12:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:15
12101392-120A	T05OT-2	10/25/2012 10:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:18
12101392-121A	T08NT	10/25/2012 11:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:22
12101392-122A	T09NT-6	10/25/2012 11:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:26
12101392-123A	T10NT-3	10/25/2012 12:05	10/27/2012 12:20		

Client: Barr Engineering Company
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Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:29
12101392-124A	T09NT	10/25/2012 11:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:33
12101392-125A	T10MT-3	10/25/2012 11:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 15:50
12101392-126A	T04MT-2	10/25/2012 7:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 15:55
12101392-127A	T08MT-3	10/25/2012 9:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:01
12101392-128A	T07LT-3	10/25/2012 8:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:07
12101392-129A	T08MT-4	10/25/2012 9:25	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:13
12101392-130A	G05LT	10/25/2012 8:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:19
12101392-131A	T08LT-2	10/25/2012 9:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:25
12101392-132A	T10MT-2	10/25/2012 9:35	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:42
12101392-133A	T10MT	10/25/2012 9:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:48
12101392-134A	T09LT-3	10/25/2012 9:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:54
12101392-135A	T08MT-2	10/25/2012 9:15	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 16:59
12101392-136A	DUP-5	10/25/2012 0:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 17:05
12101392-137A	T07LT-2 Depth	10/25/2012 8:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 17:11
12101392-138A	T02NT-2	10/25/2012 10:32	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 17:17
12101392-139A	T02NT-3	10/25/2012 10:27	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 17:23
12101392-140A	G14LT	10/25/2012 10:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 17:29

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12101392-141A	T04NT-2	10/25/2012 10:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 17:34
12101392-142A	G11LT	10/25/2012 9:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 17:52
12101392-143A	G11LT Depth	10/25/2012 9:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:17
12101392-144A	T08OT-2	10/25/2012 11:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:21
12101392-145A	T07OT-2	10/25/2012 11:02	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:24
12101392-146A	T14MT-4	10/25/2012 13:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:35
12101392-147A	G18MT Depth	10/25/2012 14:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:39
12101392-148A	T15LT	10/25/2012 14:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:43
12101392-149A	T10NT-2	10/25/2012 11:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:46
12101392-150A	T14MT	10/25/2012 14:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:50
12101392-151A	T12MT-2	10/25/2012 13:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:54
12101392-152A	T11MT	10/25/2012 13:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 20:57
12101392-153A	DUP-7	10/25/2012 0:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:01
12101392-154A	T17NT Depth	10/25/2012 14:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:05
12101392-155A	T17NT	10/25/2012 14:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:08
12101392-156A	T08OT-3 Depth	10/25/2012 12:45	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:19
12101392-157A	T14MT-2	10/25/2012 13:55	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:23
12101392-158A	T16MT	10/25/2012 13:50	10/27/2012 12:20		

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Client: Barr Engineering Company
Client Project: Federal MTS/25/86-0006

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Report Date: 31-Oct-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:27
12101392-159A	T14MT-6	10/25/2012 13:30	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:30
12101392-160A	G18MT	10/25/2012 14:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:34
12101392-161A	T14MT-3	10/25/2012 13:45	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 22:09	10/30/2012 19:02
12101392-162A	T14MT-5	10/25/2012 13:25	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 22:09	10/30/2012 19:08
12101392-163A	T16MT Depth	10/25/2012 13:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 22:09	10/30/2012 19:13
12101392-164A	T19MT-2	10/25/2012 14:15	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 22:09	10/30/2012 19:19
12101392-165A	DUP-6	10/25/2012 0:00	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 22:09	10/30/2012 19:25
12101392-166A	T08LT-3	10/25/2012 8:50	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/31/2012 8:25	10/31/2012 13:55
12101392-167A	T19MT-4	10/25/2012 14:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:37
12101392-168A	G03MT	10/25/2012 10:40	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 20:39	10/30/2012 19:55
12101392-169A	T12MT	10/25/2012 13:05	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 17:58
12101392-170A	T13GT	10/24/2012 8:20	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:10	10/30/2012 18:15
12101392-171A	T03KT	10/24/2012 17:10	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:38
12101392-172A	T07GT	10/24/2012 14:25	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/29/2012 21:43	10/30/2012 21:49
12101392-173A	T10KT	10/24/2012 11:12	10/27/2012 12:20		
	SW-846 3050B, 6010B, Metals by ICP			10/31/2012 8:25	10/31/2012 14:06

Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Work Order: 12101392

Report Date: 31-Oct-12

SW-846 3050B, 6010B, METALS BY ICP

Batch 82888 **SampType:** MBLK Units **mg/Kg-dry**

SampID: MB-82888

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82888 **SampType:** LCS Units **mg/Kg-dry**

SampID: LCS-82888

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**47.7**	50.0	0	95.4	85	115	10/30/2012

Batch 82888 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-001AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.85		**411**	48.1	352.1	122.2	75	125	10/30/2012

Batch 82888 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-001AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.85		**388**	48.1	352.1	75.2	410.9	5.66	10/30/2012

Batch 82896 **SampType:** MBLK Units **mg/Kg-dry**

SampID: MB-82896

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82896 **SampType:** LCS Units **mg/Kg-dry**

SampID: LCS-82896

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**48.2**	50.0	0	96.4	85	115	10/30/2012

Batch 82896 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-012AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.77	S	**689**	47.2	663.2	55.4	75	125	10/30/2012

Batch 82896 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-012AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.77		**707**	47.2	663.2	93.4	689.3	2.57	10/30/2012

Batch 82896 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-022AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.85		**415**	48.1	370.5	93.6	75	125	10/30/2012

Client: Barr Engineering Company **Work Order:** 12101392

Client Project: Federal MTS/25/86-0006 **Report Date:** 31-Oct-12

SW-846 3050B, 6010B, METALS BY ICP

Batch 82896 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-022AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.85	S	**480**	48.1	370.5	228.6	415.5	14.49	10/30/2012

Batch 82904 **SampType: MBLK** Units **mg/Kg-dry**

SampID: MB-82904

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82904 **SampType: LCS** Units **mg/Kg-dry**

SampID: LCS-82904

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**48.7**	50.0	0	97.3	85	115	10/30/2012

Batch 82904 **SampType: MS** Units **mg/Kg-dry**

SampID: 12101392-033AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.92	S	**490**	49.0	390.3	202.4	75	125	10/30/2012

Batch 82904 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-033AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.92		**428**	49.0	390.3	76.8	489.5	13.42	10/30/2012

Batch 82904 **SampType: MS** Units **mg/Kg-dry**

SampID: 12101392-042AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.77	S	**471**	47.2	454.3	36.0	75	125	10/30/2012

Batch 82904 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-042AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.77	S	**513**	47.2	454.3	125.2	471.3	8.55	10/30/2012

Batch 82908 **SampType: MBLK** Units **mg/Kg-dry**

SampID: MB-82908

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82908 **SampType: LCS** Units **mg/Kg-dry**

SampID: LCS-82908

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**47.6**	50.0	0	95.2	85	115	10/30/2012

Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Work Order: 12101392

Report Date: 31-Oct-12

SW-846 3050B, 6010B, METALS BY ICP

Batch 82908 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-058AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.92		**388**	49.0	347.7	82.4	75	125	10/30/2012

Batch 82908 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-058AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.92		**387**	49.0	347.7	80.0	388.1	0.30	10/30/2012

Batch 82908 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-067AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.85	S	**426**	48.1	406.9	40.2	75	125	10/30/2012

Batch 82908 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-067AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.85	S	**422**	48.1	406.9	31.6	426.3	0.97	10/30/2012

Batch 82909 **SampType:** MBLK Units **mg/Kg-dry**

SampID: MB-82909

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82909 **SampType:** LCS Units **mg/Kg-dry**

SampID: LCS-82909

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**48.4**	50.0	0	96.8	85	115	10/30/2012

Batch 82909 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-069AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.92		**439**	49.0	381.4	116.6	75	125	10/30/2012

Batch 82909 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-069AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.92	S	**414**	49.0	381.4	67.2	438.5	5.68	10/30/2012

Batch 82909 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-080AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.64	S	**632**	45.4	623.2	19.2	75	125	10/30/2012

Client: Barr Engineering Company
Client Project: Federal MTS/25/86-0006

Work Order: 12101392
Report Date: 31-Oct-12

SW-846 3050B, 6010B, METALS BY ICP

Batch 82909 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **20**
SampID: 12101392-080AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.64	S	**649**	45.4	623.2	56.6	631.9	2.65	10/30/2012

Batch 82913 **SampType: MBLK** Units **mg/Kg-dry**
SampID: MB-82913

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82913 **SampType: LCS** Units **mg/Kg-dry**
SampID: LCS-82913

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**50.2**	50.0	0	100.5	85	115	10/30/2012

Batch 82913 **SampType: MS** Units **mg/Kg-dry**
SampID: 12101392-092AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**466**	50.0	424.9	82.0	75	125	10/30/2012

Batch 82913 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **20**
SampID: 12101392-092AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	4.00	S	**452**	50.0	424.9	54.4	465.9	3.01	10/30/2012

Batch 82915 **SampType: MBLK** Units **mg/Kg-dry**
SampID: MB-82915

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82915 **SampType: LCS** Units **mg/Kg-dry**
SampID: LCS-82915

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**48.4**	50.0	0	96.7	85	115	10/30/2012

Batch 82915 **SampType: MS** Units **mg/Kg-dry**
SampID: 12101392-167AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.92	S	**1070**	49.0	1167	-190.0	75	125	10/30/2012

Batch 82915 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **20**
SampID: 12101392-167AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.92	S	**1050**	49.0	1167	-244.0	1074	2.50	10/30/2012

Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Work Order: 12101392

Report Date: 31-Oct-12

SW-846 3050B, 6010B, METALS BY ICP

Batch 82915 **SampType:** MS Units mg/Kg-dry

SampID: 12101392-168AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.70	S	**511**	46.3	437.7	158.6	75	125	10/30/2012

Batch 82915 **SampType:** MSD Units mg/Kg-dry RPD Limit **20**

SampID: 12101392-168AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.70	S	**552**	46.3	437.7	246.4	511.1	7.65	10/30/2012

Batch 82916 **SampType:** MBLK Units mg/Kg-dry

SampID: MB-82916

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82916 **SampType:** LCS Units mg/Kg-dry

SampID: LCS-82916

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**45.7**	50.0	0	91.4	85	115	10/30/2012

Batch 82916 **SampType:** MS Units mg/Kg-dry

SampID: 12101392-169AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.92	S	**689**	49.0	666.2	46.4	75	125	10/30/2012

Batch 82916 **SampType:** MSD Units mg/Kg-dry RPD Limit **20**

SampID: 12101392-169AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.92	S	**681**	49.0	666.2	30.2	688.9	1.16	10/30/2012

Batch 82916 **SampType:** MS Units mg/Kg-dry

SampID: 12101392-170AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.77	S	**313**	47.2	299.9	27.8	75	125	10/30/2012

Batch 82916 **SampType:** MSD Units mg/Kg-dry RPD Limit **20**

SampID: 12101392-170AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.77	S	**322**	47.2	299.9	46.2	313.0	2.73	10/30/2012

Batch 82917 **SampType:** MBLK Units mg/Kg-dry

SampID: MB-82917

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Client: Barr Engineering Company
Client Project: Federal MTS/25/86-0006

Work Order: 12101392
Report Date: 31-Oct-12

SW-846 3050B, 6010B, METALS BY ICP

Batch 82917 **SampType: LCS** Units **mg/Kg-dry**
SampID: LCS-82917

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**46.8**	50.0	0	93.7	85	115	10/30/2012

Batch 82917 **SampType: MS** Units **mg/Kg-dry**
SampID: 12101392-171AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**390**	50.0	337.5	104.0	75	125	10/30/2012

Batch 82917 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **20**
SampID: 12101392-171AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	4.00		**384**	50.0	337.5	92.2	389.5	1.53	10/30/2012

Batch 82917 **SampType: MS** Units **mg/Kg-dry**
SampID: 12101392-172AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.85		**787**	48.1	741.5	94.6	75	125	10/30/2012

Batch 82917 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **20**
SampID: 12101392-172AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.85		**779**	48.1	741.5	77.0	787.0	1.08	10/30/2012

Batch 82918 **SampType: MBLK** Units **mg/Kg-dry**
SampID: MB-82918

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/30/2012

Batch 82918 **SampType: LCS** Units **mg/Kg-dry**
SampID: LCS-82918

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**44.5**	50.0	0	89.0	85	115	10/30/2012

Batch 82953 **SampType: MBLK** Units **mg/Kg-dry**
SampID: MB-82953

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**< 4.00**	4.00	0	0	-100	100	10/31/2012

Batch 82953 **SampType: LCS** Units **mg/Kg-dry**
SampID: LCS-82953

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**49.8**	50.0	0	99.6	85	115	10/31/2012

Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Work Order: 12101392

Report Date: 31-Oct-12

SW-846 3050B, 6010B, METALS BY ICP

Batch 82953 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-166AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	3.77	S	**617**	47.2	638.0	-44.4	75	125	10/31/2012

Batch 82953 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-166AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	3.77	S	**595**	47.2	638.0	-92.2	617.1	3.72	10/31/2012

Batch 82953 **SampType:** MS Units **mg/Kg-dry**

SampID: 12101392-173AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		**579**	50.0	520.6	116.4	75	125	10/31/2012

Batch 82953 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **20**

SampID: 12101392-173AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead	4.00	S	**679**	50.0	520.6	316.0	578.8	15.87	10/31/2012

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Barr Engineering Company
Client Project: Federal MTS/25/86-0006

Work Order: 12101392
Report Date: 31-Oct-12

Carrier: FedEx

Received By: HLR

Completed by: Heather Riley
On: 29-Oct-12

Reviewed by: Elizabeth A. Hurley
On: 29-Oct-12

Pages to follow: Chain of custody 18 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 4.8
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials	☑
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers	☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐		
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA	☑

Any No responses must be detailed below or on the COC.

Custody seal(s) intact on shipping container/cooler. HLR 10/27/12

CHAIN OF CUSTODY

pg. 1 of 18 Work Order # 12 10392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice 4.8 °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes: Custody Seal intact thr 10/27/12
Comments:

One Day TAT

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead
1210392-001	G12JT	10/24/12 / 10:40											X			X
002	T10IT	/ 10:27														
003	T10KT-2	/ 11:00														
004	T09KT-2	/ 11:44														
005	T10IT-3	/ 10:31														
006	T07KT-2	/ 13:28														
007	T10JT	/ 10:50														
008	T07JT-2	/ 13:38														
009	T03MT	/ 17:58														
010	T03MT-2	/ 18:00														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	Heather Riley FEDEX	10/27/12 12:20

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

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CHAIN OF CUSTODY

pg. 2 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead
12101392-011	T09KT-3	10/24/12 / 10:00											X			X
012	T04LT-4	/ 17:55														
013	T03LT-~~3~~2	/ 18:20														
014	T11HT	/ 9:16														
015	Dup-4	/ -														
016	T09IT	/ 10:17														
017	T03LT	/ 18:10														
018	T09LT-2	/ 13:15														
019	T02LT	/ 18:05														
020	T03LT-2 Depth	/ 18:20														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1230

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CHAIN OF CUSTODY

pg. 3 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead
12101392 021	T08KT	10/24/12 / 13:20											X			X
022	G08FT	/ 15:05														
023	T07HT	/ 14:37														
024	T07KT-3	/ 13:25														
025	T04LT-3	/ 17:40														
026	T09KT-4 Depth	/ 11:35														
027	T11JT-2	/ 10:45														
028	T09KT-4	/ 11:32														
029	Dup-3	/ -														
030	T08FT	/ 15:08														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1220

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CHAIN OF CUSTODY

pg. 4 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge, Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25/86-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead
12101392-031	T08IT	10/24/12 / 16:09											X			X
032	T08HT	/ 14:48														
033	T06JT-2	/ 16:25														
034	G07GT	/ 15:50														
035	T08JT-2	/ 13:49														
036	Dup-2	/ -														
037	T07JT-3	/ 13:34														
038	T07JT	/ 13:44														
039	T07IT Depth	/ 14:15														
040	G07HT	/ 14:07														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

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CHAIN OF CUSTODY

pg. 5 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge, Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby

Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead
12101392 041	T11JT	10/24/12 / 10:35											X			X
-042	T10KT-4	/ 9:50														
043	T12GT Depth	/ 8:15														
044	T12HT-2	/ 8:37														
045	T12HT-4	/ 8:55														
046	T10JT-2	/ 10:55														
047	T13GT-2	/ 8:30														
048	Dup-1	/ -														
049	T12HT-3	/ 8:41														
050	T14GT	/ 7:40														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE & YELLOW - LAB PINK - SAMPLER'S COPY

CHAIN OF CUSTODY

pg. 6 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead
12101392-051	T11HT-2	10/24/12 / 9:10											X			X
052	T10JT-3	/ 10:07														
053	T09KT	/ 10:03														
054	T14GT-2	/ 7:45														
055	T12HT Depth	/ 9:22														
056	T09JT	/ 10:12														
057	T10KT-3	/ 9:55														
058	T12HT	/ 9:21														
059	T10IT-2	/ 10:23														
060	G12ET	/ 9:33														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	Heather [illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE & YELLOW - LAB PINK - SAMPLER'S COPY

CHAIN OF CUSTODY

pg. 7 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead
12101392-061	T07GT	10/24/12 / 15:40											X			X
062	T08FT-2	/ 15:30														
063	T07GT Depth	/ 15:42														
064	T07GT-2	/ 14:55														
065	T08FT-1	/ 15:00														
066	T06IT	/ 16:21														
067	T06JT-3	/ 16:30														
068	G06KT	/ 16:40														
069	G04LT	/ 17:40														
070	T05KT-4	/ 17:40														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 8 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead
12101392-071	T05KT-2	10/24/12 / 17:35											X			X
072	T04LT-2	/ 17:00														
073	T07HT-2	/ 14:05														
074	G07GT Depth	/ 15:58														
075	T06KT-2	/ 16:45														
076	T04KT-2	/ 17:30														
077	T04LT-2 Depth	/ 17:05														
078	T05KT-3	/ 17:30														
079	T04KT	/ 17:20														
080	G07IT	/ 16:05														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 9 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5031

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead
1201392-081	T12GT	10/24/12 / 8:10											X			X
082	T13FT-2	/ 7:35														
083	T11HT-3	/ 9:03														
084	T14GT-3	/ 7:50														
085	T14FT-2	/ 7:35														
086	T15GT	/ 8:02														
087	T10KT-2 Depth	/ 11:03														
088	T12IT-2	/ 8:46														
089	T15GT-2	/ 7:59														
090	T07IT	/ 14:12														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	Catherine [illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 10 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 110C
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead
12101392-091	T14HT-2	10/24/12 / 7:53											X			X
092	T15GT-3	/ 7:56														
093	T12IT-3	/ 8:51														
094	T13FT	/ 8:25														
095	T03MT-3	10/25/12 / 7:40														
096	T05LT-2	/ 8:15														
097	T05MT-2	/ 8:25														
098	T07IT-2	/ 7:20														
099	T03NT-2	/ 7:44														
100	G04MT	/ 7:30														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	Heather [illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 11 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5370
E-Mail: tmorris@barr.com Fax: 573-638-5901

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead
12101392-101	T05MT-3	10/25/12 / 7:52											X			X
102	T07LT-2	/ 8:35														
103	T06LT-2	/ 8:10														
104	T03MT-4	/ 7:40														
105	T04NT	/ 7:50														
106	T09NT-4	/ 11:15														
107	T02NT	/ 10:35														
108	T02NT-4	/ 10:30														
109	T08MT-5	/ 11:40														
110	T09NT-5	/ 11:20														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 12 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead
12101392-111	T10NT-4	10/25/12 / 12:05											X			X
112	T10NT	/ 12:10														
113	T09NT-6 Depth	/ 12:20														
114	T09NT-3	/ 12:10														
115	T09NT-2	/ 11:45														
116	T08NT-2	/ 11:30														
117	T06OT-2	/ 10:59														
118	T08OT-3	/ 12:40														
119	T10MT-4	/ 12:00														
120	T05OT-2	/ 10:50														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	Heather M	12/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 13 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barrcom Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186 0006
Sample Collector's Name: William Selby

Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead
12101392-121	T08NT	10/25/12 / 11:35											X			X
122	T09NT-6	/ 11:20														
123	T10NT-3	/ 12:05														
124	T09NT	/ 11:50														
125	T10MT-3	/ 11:50														
126	T04MT-2	/ 7:35														
127	T08MT-3	/ 9:20														
128	T07LT-3	/ 8:55														
129	T08MT-4	/ 9:25														
130	G05LT	/ 8:20														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 14 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead
12101392-131	T08LT-2	10/25/12 9:05											X			X
132	T10MT-2	/ 9:35														
133	T10MT	/ 9:40														
134	T09LT-3	/ 9:10														
135	T08MT-2	/ 9:15														
136	Dup-5	/ -														
137	T07LT-2 Depth	/ 8:40														
138	T02NT-2	/ 10:32														
139	T02NT-3	/ 10:27														
140	G14LT	/ 10:00														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	Heather [illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 15 of 18 Work Order # 1210392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5081

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead
1210392-141	T04NT-2	10/25/12 / 10:30											X			X
142	G11LT	/ 9:50														
143	G11LT Depth	/ 9:55														
144	T08OT-2	/ 11:05														
145	T07OT-2	/ 11:02														
146	T14MT-4	/ 13:20														
147	G18MT Depth	/ 14:05														
148	T15LT	/ 14:05														
149	T10NT-2	/ 11:55														
150	T14MT	/ 1400														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[illegible]	10/27/12 1200

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 16 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead
12101392-151	T12MT-2	10/25/12 / 13:10											X			X
152	T11MT	/ 13:00														
153	Dup-7	/ -														
154	T17NT-Depth	/ 14:30														
155	T17NT	/ 14:30														
156	T080T-3 Depth	/ 12:45														
157	T14MT-2	/ 13:55														
158	T16MT	/ 13:50														
159	T14MT-6	/ 13:30														
160	G18MT	/ 14:00														

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	Heather Ry	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

 Work Order # 1210 1392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge Ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Total Lead	MS/MSD
1210 1392-161	T14MT-3	10/25/12 / 13:45											X			X	
162	T14MT-5	/ 13:25															
163	T16MT Depth	/ 13:50															
164	T19MT-2	/ 14:15															
165	Dup-6	/															
166	T08LT-3	/ 8:50															X
167	T19MT-4	/ 14:20															X
168	G03NT	/ 10:40															X
169	T12MT	/ 13:05															X
170	T13GT	10/24/12 / 8:20															X

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	Heather [illegible]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

CHAIN OF CUSTODY

pg. 18 of 18 Work Order # 12101392

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Barr Engineering
Address: 1001 Diamond Ridge ste 1100
City / State / Zip: Jefferson City, MO 65109
Contact: Ty Morris Phone: 573-638-5020
E-Mail: tmorris@barr.com Fax: 573-638-5001

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Federal MTS / 25186-0006
Sample Collector's Name: William Selby
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Doe Run

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Total Lead	MS/MSD
12101392-171	T03KT	10/24/12 / 17:10											X			X	X
172	T07GT	↓ / 14:25											X			X	X
173	T10KT	↓ / 11:12											X			X	X

Relinquished By	Date / Time	Received By	Date / Time
William Selby / Barr via FedEx	10/26/12 16:30	[signature]	10/27/12 1220

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and