

Lab Results

September 2016

Provided to GSA by Terracon Consultants, Inc.

Please note:

This report includes raw data associated with a larger environmental investigation and cleanup project. Detections of metals in these results are below Housing and Urban Development or Brookhaven National Laboratory action levels. Brookhaven is one of ten national laboratories overseen and primarily funded by the Office of Science of the U.S. Department of Energy.

View information about these standards at

http://portal.hud.gov/hudportal/documents/huddoc?id=ch15_clearance_121212.pdf

https://www.bnl.gov/esh/shsd/sop/pdf/ih_sops/ih75190.pdf

Veteran's Administration is the sole tenant in the space addressed in this report.



EMSL Analytical, Inc.

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Attn:

Rick Whitney
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11600 Lilburn Park Dr
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9/8/2016

Phone: (314) 569-9368
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The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/7/2016. The results are tabulated on the attached data pages for the following client designated project:

15167203

The reference number for these samples is EMSL Order #161616133. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (317) 803-2997.

Approved By:

(b) (6)

Doug Wiegand, Laboratory Manager

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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EMSL Order: 161616133
 CustomerID: TERR57
 CustomerPO: 15167203
 ProjectID:

Attn: **Rick Whitney**
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Saint Louis, MO 63146

Phone: (314) 569-9368
 Fax: (314) 692-8810
 Received: 09/07/16 9:25 AM
 Collected: 9/6/2016

Project: 15167203

Analytical Results

Client Sample Description 300
 Table Top
Collected: 9/6/2016 **Lab ID:** 0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 301
 Top of Lockers @ L28 -29
Collected: 9/6/2016 **Lab ID:** 0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	0.82	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	0.76	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 302
 Floor @ L28 - L29
Collected: 9/6/2016 **Lab ID:** 0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 303
 Fan @ Breakrm (Front Cover) L27
Collected: 9/6/2016 **Lab ID:** 0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	13	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

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Project: 15167203

Analytical Results

Client Sample Description 303 **Collected:** 9/6/2016 **Lab ID:** 0004
 Fan @ Breakrm (Front Cover) L27

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Chromium	0.86	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	1.4	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 304 **Collected:** 9/6/2016 **Lab ID:** 0005
 Window Sill @ Breakrm Refrigeration L26

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 305 **Collected:** 9/6/2016 **Lab ID:** 0006
 1st Cube From Door @ N27

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	1.1	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 306 **Collected:** 9/6/2016 **Lab ID:** 0007
 Top of Key Box #10 in Front of Office

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

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 Collected: 9/6/2016

Project: 15167203

Analytical Results

Client Sample Description 306 **Collected:** 9/6/2016 **Lab ID:** 0007
 Top of Key Box #10 in Front of Office

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 307 **Collected:** 9/6/2016 **Lab ID:** 0008
 Desk Table @ L24

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 308 **Collected:** 9/6/2016 **Lab ID:** 0009
 Window in Office @ P25

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 309 **Collected:** 9/6/2016 **Lab ID:** 0010
 File on Table @ P24

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

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 Collected: 9/6/2016

Project: 15167203

Analytical Results

Client Sample Description 310 **Collected:** 9/6/2016 **Lab ID:** 0011
 Hanging File Rack @ N23

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	0.61	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	0.70	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 311 **Collected:** 9/6/2016 **Lab ID:** 0012
 Table Support Near P23

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	19	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	2.8	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	4.3	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	0.55	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 312 **Collected:** 9/6/2016 **Lab ID:** 0013
 Vinyl Binder on Shelf AP22

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	0.50	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 313 **Collected:** 9/6/2016 **Lab ID:** 0014
 Back of Chair @ L22

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD



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Project: 15167203

Analytical Results

Client Sample Description 313 **Collected:** 9/6/2016 **Lab ID:** 0014
 Back of Chair @ L22

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	0.60	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 314 **Collected:** 9/6/2016 **Lab ID:** 0015
 File Cabinet @ P21 (Top)

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 315 **Collected:** 9/6/2016 **Lab ID:** 0016
 Carpet @ N22

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 316 **Collected:** 9/6/2016 **Lab ID:** 0017
 Hanging File Rack @ N22

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD



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Analytical Results

Client Sample Description 316 **Collected:** 9/6/2016 **Lab ID:** 0017
 Hanging File Rack @ N22

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 317 **Collected:** 9/6/2016 **Lab ID:** 0018
 Desk Between N23 & L23

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	0.71	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	0.79	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	0.67	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 318 **Collected:** 9/6/2016 **Lab ID:** 0019
 Air Grate @ P21

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD

Client Sample Description 319 **Collected:** 9/6/2016 **Lab ID:** 0020
 Diffuser @ N24

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3050B/6010C	Arsenic	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Barium	ND	5.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Cadmium	ND	0.20	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Chromium	0.68	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Lead	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Selenium	ND	1.0	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD
3050B/6010C	Silver	ND	0.50	µg/100 cm ²	9/7/2016	TD	9/7/2016	TD



EMSL Analytical, Inc.

2001 East 52nd St., Indianapolis, IN 46205

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com>

indianapolislabs@emsl.com

EMSL Order:	161616133
CustomerID:	TERR57
CustomerPO:	15167203
ProjectID:	

Definitions:

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Lead (Pb) Chain of Custody
EMSL Order ID (Lab Use Only):

161616133

Indianapolis, IN 46205
PHONE (317) 803-2997
FAX (317) 803-3047

Company: Terracon		EMSL-Bill to: <input checked="" type="checkbox"/> Different <input type="checkbox"/> Same If Bill to is Different note instructions in Comments**	
Street: 11600 Lilburn Park Dr.		Third Party Billing requires written authorization from third party	
City: St. Louis	State/Province: MO	Zip/Postal Code: 63146	Country: US
Report To (Name): Rick Whitney		Telephone #: 314-569-9368	
Email Address: rhwhitney@terracon.com		Fax #: 314-692-8810	Purchase Order: [REDACTED]
Project Name/Number: 15167203		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: MO		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input checked="" type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input checked="" type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Rick Whitney Signature of Sampler: (b) (6)

Sample #	Location	Volume/Area	Date/Time Sampled
See Attached			

Client Sample #'s: 300 - 319 Total # of Samples: 20

Relinquished (Client): (b) (6) Date: 8/9/16 Time: [REDACTED]

Received (Lab): [REDACTED] Date: 9/7/16 Time: 925F

Comments:
RCRA metals minus Mercury
Bill To: Terracon, 11600 Lilburn Park Dr., St. Louis, MO, 63146, US
Attention: Rick Whitney Phone: 314-569-9368 Email: rhwhitney@terracon.com Purchase Order:



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only):

16133

EMSL Analytical, Inc.
2001 East 52nd Street

Indianapolis, IN 46205
PHONE: (317) 803-2997
FAX: (317) 803-3047

310g 102E

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
300	Top of shelf ^{new 9/6/16} Locker ^{Table Top} L18	100 cm ²	9/6/16 0955
301	Top of Lockers @ L28 *29		0958
302	Floor @ L28 - L29		1001
303	Fan @ Break room (Front corner) L27		1005
304	Window sill @ Break room Refrigerator L26 ^{new 9/6/16} L27		1009
305	1st cube from Door @ N27		1014
306	Top of key box ^{#10} in front of office		1015
307	Desk Table @ L24		1017
308	Window in office @ P25		1019
309	File on Table @ P24		1022
310	Hanging File rack @ N23		1025
311	Table support near P23		1028
312	Vinyl binder on shelf @ P22		1030
313	Back of Chair @ L22		1034
314	File Cabinet @ P21 (Top)		1040
315	Carpet @ N22		1045
316	Hanging File rack @ N22		1052
317	Desk between N23 & L23		1058

Comments/Special Instructions:

RCRA metals minus Mercury
Bill To: Terracon, 11600 Lilburn Park Dr., St. Louis, MO, 63146, US
Attention: Rick Whitney Phone 314-569-9368 Email: rwhitney@terracon.com Purchase Order:



EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

LEAD (Pb) CHAIN OF CUSTODY
EMSL ORDER ID (Lab Use Only):

16133

EMSL Analytical, Inc.
2001 East 52nd Street

Indianapolis, IN 46205
PHONE: (317) 803-2997
FAX (317) 803-3047

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
318	Air grate @ P21	100 cm ²	9/6/16 #205
319	Diffuser @ N24	100 cm ²	↓ 1215

Comments/Special Instructions:
RCRA metals minus Mercury
Bill To: Terracon, 11600 Lilburn Park Dr., St. Louis, MO, 63146, US
Attention: Rick Whitney Phone: 314-569-9368 Email: rtwitney@terracon.com Purchase Order