



July 2, 2018

Ms. Diane Czarnecki  
Industrial Hygienist  
Facilities Management Division  
GSA Public Buildings Service – Heartland Region  
2300 Main Street, Kansas City, MO 64108

**RE: Pre-Alteration Assessment for Lead-Based Paint Report  
Electrical Vaults in Bldgs. #103, 103F, 105, and 107  
OCCU-TEC Project Number: 918005**

Dear Ms. Czarnecki:

At the request of the GSA Public Buildings Service – Heartland Region OCCU-TEC, Inc. (OCCU-TEC) conducted a “Pre-Alteration Assessment” for lead-based paint (LBP) that may be in the path of construction for an ongoing project at the Goodfellow Federal Center, located at 4300 Goodfellow Blvd. in St. Louis, Missouri. The purpose of this pre-alteration assessment is to determine the presence and location of LBP that has the potential to impact project costs and project timelines. As necessary, these materials may need to be professionally abated to protect the health and safety of tenants in the vicinity as well as contractors working on the project.

On June 19-21, 2018, Jeff Smith of OCCU-TEC, Inc. (OCCU-TEC) performed the pre-alteration assessment of the Electrical Vaults in Buildings’ 103F, 107, 105, and 103. Whenever available, a review of historical inspection reports for the area of concern was conducted. If specific conclusions about the locations or materials could be reached from the historical reports, additional testing may or may not be deemed necessary.

OCCU-TEC utilized a Missouri accredited Lead Risk Assessor to conduct the assessment and any additional lead-based paint testing. Using protocol developed by Federal Housing and Urban Development (HUD), Chapter 7, 2012 Revision, a representative number of building components within the path of construction were tested for lead-based paint. The inspection was conducted using Heuresis Corporation Model Pb200i X-ray Florescence

(XRF) detector, Serial # 01098, General License # 53-0720, utilizing a Cobalt - 57 radioisotope source with an activity level of 5 millicuries (mCi). A material is considered to be lead-containing if at least one sample collected from a distinct sampling combination shows a result of 1.0 mg/cm<sup>2</sup> or higher which is in accordance with the definition of a lead-containing material as per HUD and the State of Missouri.

Refer to the attached table for the listing of all components that were tested from within the path of construction. Items highlighted in red indicate readings at or above 1.0 mg/cm<sup>2</sup> and therefore above the HUD and the State of Missouri standard.

It should be noted that samples taken at the site are representative of the material samples. For the purposes of this investigation, any material exhibiting the same characteristics identified should be considered positive for lead-based paint until further sampling can definitively prove otherwise. Every reasonable effort was made to access and identify all suspect LBP.

OCCU-TEC recommends using safe lead work practices as outlined by the Housing and Urban Development Title 24 CFR Part 35, Subpart B, Section 1350. OCCU-TEC recommends following all Missouri regulations found in Rules of Department of Health, Division 30 - Division of Health Standards and Licensure.

OCCU-TEC appreciates the opportunity to serve GSA-Heartland Region. If you have any questions or concerns, please feel free to contact our office at 816-231-5580.

Sincerely,

(b) (6)

Jeff T. Smith  
Senior Project Manager

(b) (6)

Kevin Heriford  
Project Manager (QA/QC)

Enclosure (3)  
XRF Report  
Photo Log  
State Licenses

**Lead-Based Paint Testing Report  
GFC Bldg. #103F**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
1	0.7	0.2	Calibration	1	3	6/19/2018 15:05	Admin	Action Level	918004							
2	0.7	0.3	Calibration	1	1	6/19/2018 15:06	Admin	Action Level	918004							
3	0.7	0.3	Calibration	1	1	6/19/2018 15:06	Admin	Action Level	918004							
4	0.1	0.3	Negative	1	1	6/19/2018 15:38	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	East	Door	Brown	Metal	Intact
5	<b>10.2</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/19/2018 15:38</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>Sub-Bsmt</b>	<b>Elec Vault</b>	<b>East</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
6	-0.1	0.3	Negative	1	1	6/19/2018 15:40	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	East	Door Transom	Brown	Metal	Intact
7	0	0.3	Negative	1	1	6/19/2018 15:41	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	Center	Transformer	Green	Metal	Intact
8	0.4	0.3	Negative	1	1	6/19/2018 15:42	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	Center	Transformer	Gray	Metal	Intact
9	-0.1	0.3	Negative	1	1	6/19/2018 15:43	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	East	Door	Brown	Metal	Intact
10	<b>2.7</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/19/2018 15:43</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>Sub-Bsmt</b>	<b>Elec Vault</b>	<b>East</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
11	-0.1	0.3	Negative	1	1	6/19/2018 15:45	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	South	Transformer	Gray	Metal	Intact

**Lead-Based Paint Testing Report**

**GFC Bldg. #107**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
1	0.3	0.3	Negative	1	1	6/19/2018 16:01	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	East	Floor	Gray	Concrete	Intact
2	-0.1	0.3	Negative	1	1	6/19/2018 16:01	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	East	Door	Brown	Metal	Intact
<b>3</b>	<b>7.1</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/19/2018 16:02</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>Sub-Bsmt</b>	<b>Elec Vault</b>	<b>East</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
4	-0.1	0.3	Negative	1	1	6/19/2018 16:04	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	East	Door Transom	Brown	Metal	Intact
<b>5</b>	<b>12.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/19/2018 16:04</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>Sub-Bsmt</b>	<b>Elec Vault</b>	<b>East</b>	<b>Door Lentil</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
6	-0.1	0.3	Negative	1	1	6/19/2018 16:05	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	Center	Elec Cabinet	Gray	Metal	Intact
7	0	0.3	Negative	1	1	6/19/2018 16:06	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	Center	Elec Cabinet	Green	Metal	Intact
8	0.5	0.3	Negative	1	1	6/19/2018 16:07	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	South	Wall	Red	Concrete	Intact
<b>9</b>	<b>1.7</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/19/2018 16:08</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>Sub-Bsmt</b>	<b>Elec Vault</b>	<b>Center</b>	<b>I-Beam</b>	<b>Red</b>	<b>Metal</b>	<b>Intact</b>
10	-0.9	0.3	Negative	1	1	6/19/2018 16:10	Admin	Action Level	918004	Sub-Bsmt	Elec Vault	Center	Ceiling Joist	Black	Metal	Intact

**Lead-Based Paint Testing Report**

**GFC Bldg. #105 - Vault #1**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
1	0.7	0.2	Calibration	1	2	6/20/2018 9:36	Admin	Action Level	918004							
2	0.7	0.2	Calibration	1	3	6/20/2018 9:37	Admin	Action Level	918004							
3	0.8	0.3	Calibration	1	1	6/20/2018 9:38	Admin	Action Level	918004							
<b>4</b>	<b>1.7</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 10:38</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>North</b>	<b>Ladder Bracket</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
<b>5</b>	<b>1.5</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 10:40</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>North</b>	<b>Ladder</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
6	-0.1	0.3	Negative	1	1	6/20/2018 10:41	Admin	Action Level	918004	1	Electrical Vault	West	Door	Brown	Metal	Intact
7	0	0.3	Negative	1	1	6/20/2018 10:41	Admin	Action Level	918004	1	Electrical Vault	West	Door Frame	Brown	Metal	Intact
8	0.7	0.2	Negative	1	2	6/20/2018 10:42	Admin	Action Level	918004	1	Electrical Vault	West	Door Frame	Brown	Metal	Intact
9	0.6	0.3	Negative	1	1	6/20/2018 10:43	Admin	Action Level	918004	1	Electrical Vault	West	Door Frame	Brown	Metal	Intact
<b>10</b>	<b>3.4</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 10:44</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>West</b>	<b>Door Threshold</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
11	0	0.3	Negative	1	1	6/20/2018 10:46	Admin	Action Level	918004	1	Electrical Vault	West	Door Transom	Brown	Metal	Intact
12	0.5	0.3	Negative	1	1	6/20/2018 10:47	Admin	Action Level	918004	1	Electrical Vault	Center	Grating	Black	Metal	Intact
13	-0.2	0.3	Negative	1	1	6/20/2018 10:48	Admin	Action Level	918004	1	Electrical Vault	Center	Grating	Black	Metal	Intact
14	-0.2	0.3	Negative	1	1	6/20/2018 10:53	Admin	Action Level	918004	1	Electrical Vault	East	Electrical Panel	Grey	Metal	Intact
15	-0.1	0.3	Negative	1	1	6/20/2018 10:54	Admin	Action Level	918004	1	Electrical Vault	East	Electrical Panel	Grey	Metal	Intact
16	0.2	0.3	Negative	1	1	6/20/2018 10:54	Admin	Action Level	918004	1	Electrical Vault	East	Electrical Panel	Grey	Metal	Intact
17	-0.6	0.3	Negative	1	1	6/20/2018 10:54	Admin	Action Level	918004	1	Electrical Vault	East	I-Beam	Grey	Metal	Intact
18	0.6	0.3	Negative	1	1	6/20/2018 10:55	Admin	Action Level	918004	1	Electrical Vault	East	I-Beam	Black	Metal	Intact

**Lead-Based Paint Testing Report**

**GFC Bldg. #105 - Vault #3**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
19	0	0.3	Negative	1	1	6/20/2018 11:03	Admin	Action Level	918004	1	Electrical Vault	West	Door	Brown	Metal	Intact
20	0.1	0.3	Negative	1	1	6/20/2018 11:03	Admin	Action Level	918004	1	Electrical Vault	West	Door Frame	Brown	Metal	Intact
21	-0.1	0.3	Negative	1	1	6/20/2018 11:04	Admin	Action Level	918004	1	Electrical Vault	West	Door Frame	Brown	Metal	Intact
22	0	0.3	Negative	1	1	6/20/2018 11:05	Admin	Action Level	918004	1	Electrical Vault	West	Door Transom	Brown	Metal	Intact
<b>23</b>	<b>13.2</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 11:05</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>West</b>	<b>Door Threshold</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
<b>24</b>	<b>2.3</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 11:06</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>North</b>	<b>Ladder</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
<b>25</b>	<b>1.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 11:06</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>North</b>	<b>Ladder Bracket</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
26	0.6	0.2	Negative	1	2	6/20/2018 11:08	Admin	Action Level	918004	1	Electrical Vault	East	I-Beam	Grey	Metal	Intact
27	0.3	0.3	Negative	1	1	6/20/2018 11:09	Admin	Action Level	918004	1	Electrical Vault	East	I-Beam	Black	Metal	Intact
28	-1	0.3	Negative	1	1	6/20/2018 11:10	Admin	Action Level	918004	1	Electrical Vault	Center	Grating	Black	Metal	Intact
29	0.4	0.3	Negative	1	1	6/20/2018 11:10	Admin	Action Level	918004	1	Electrical Vault	Center	Grating	Black	Metal	Intact
30	-0.1	0.3	Negative	1	1	6/20/2018 11:11	Admin	Action Level	918004	1	Electrical Vault	East	Transformer	Green	Metal	Intact

**Lead-Based Paint Testing Report**

**GFC Bldg. #105 - Vault #5**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
31	-0.1	0.3	Negative	1	1	6/20/2018 11:17	Admin	Action Level	918004	1	Electrical Vault	West	Door	Brown	Metal	Intact
32	0	0.3	Negative	1	1	6/20/2018 11:17	Admin	Action Level	918004	1	Electrical Vault	West	Door Transom	Brown	Metal	Intact
33	0	0.3	Negative	1	1	6/20/2018 11:18	Admin	Action Level	918004	1	Electrical Vault	West	Door Frame	Brown	Metal	Intact
<b>34</b>	<b>1.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 11:18</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>West</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
<b>35</b>	<b>1.7</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 11:19</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>West</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
<b>36</b>	<b>8.5</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 11:19</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>West</b>	<b>Door Threshold</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
37	-0.1	0.3	Negative	1	1	6/20/2018 11:21	Admin	Action Level	918004	1	Electrical Vault	North	Grating	Black	Metal	Intact
<b>38</b>	<b>1.7</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 11:21</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>North</b>	<b>Ladder</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
<b>39</b>	<b>2.7</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 11:22</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>North</b>	<b>Ladder Bracket</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
40	0.4	0.3	Negative	1	1	6/20/2018 11:23	Admin	Action Level	918004	1	Electrical Vault	East	Electrical Panel	Grey	Metal	Intact
41	-0.7	0.3	Negative	1	1	6/20/2018 11:24	Admin	Action Level	918004	1	Electrical Vault	East	I-Beam	Grey	Metal	Intact
42	0.1	0.3	Negative	1	1	6/20/2018 11:24	Admin	Action Level	918004	1	Electrical Vault	East	I-Beam	Black	Metal	Intact
43	-0.1	0.3	Negative	1	1	6/20/2018 11:25	Admin	Action Level	918004	1	Electrical Vault	East	Door	Red	Metal	Intact
44	0.1	0.3	Negative	1	1	6/20/2018 11:25	Admin	Action Level	918004	1	Electrical Vault	East	Door Frame	Black	Metal	Intact

**Lead-Based Paint Testing Report  
GFC Bldg. #105 - Vault #2**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
45	1.3	0.2	Calibration	1	4	6/20/2018 13:34	Admin	Action Level	918004							
46	0.7	0.2	Calibration	1	3	6/20/2018 13:35	Admin	Action Level	918004							
47	0.9	0.1	Calibration	1	5	6/20/2018 13:36	Admin	Action Level	918004							
48	0	0.3	Negative	1	1	6/20/2018 14:06	Admin	Action Level	918004	1	Electrical Vault	East	Door	Brown	Metal	Intact
49	-0.1	0.3	Negative	1	1	6/20/2018 14:07	Admin	Action Level	918004	1	Electrical Vault	East	Door Transom	Brown	Metal	Intact
<b>50</b>	<b>1</b>	<b>0.1</b>	<b>Positive</b>	<b>1</b>	<b>5</b>	<b>6/20/2018 14:08</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>East</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
51	-0.5	0.3	Negative	1	1	6/20/2018 14:10	Admin	Action Level	918004	1	Electrical Vault	East	Door Threshold	Brown	Metal	Intact
52	0.5	0.3	Negative	1	1	6/20/2018 14:10	Admin	Action Level	918004	1	Electrical Vault	East	Door Threshold	Brown	Metal	Intact
53	0.1	0.3	Negative	1	1	6/20/2018 14:11	Admin	Action Level	918004	1	Electrical Vault	West	Electrical Panel	Grey	Metal	Intact
54	-0.2	0.3	Negative	1	1	6/20/2018 14:12	Admin	Action Level	918004	1	Electrical Vault	South	Door	Red	Metal	Intact
55	-0.2	0.3	Negative	1	1	6/20/2018 14:13	Admin	Action Level	918004	1	Electrical Vault	South	Door Frame	Black	Metal	Intact
<b>56</b>	<b>2.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:14</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>South</b>	<b>Ladder Bracket</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
57	0.4	0.3	Negative	1	1	6/20/2018 14:14	Admin	Action Level	918004	1	Electrical Vault	South	Ladder	Black	Metal	Intact
<b>58</b>	<b>1.8</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:15</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>South</b>	<b>Ladder</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
59	0	0.3	Negative	1	1	6/20/2018 14:16	Admin	Action Level	918004	1	Electrical Vault	North	Transformer	Grey	Metal	Intact
60	0	0.3	Negative	1	1	6/20/2018 14:17	Admin	Action Level	918004	1	Electrical Vault	Center	Grating	Black	Metal	Intact



**Lead-Based Paint Testing Report**  
**GFC Bldg. #105 - Vault #4**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
61	0	0.3	Negative	1	1	6/20/2018 14:31	Admin	Action Level	918004	1	Electrical Vault	East	Door	Brown	Metal	Intact
<b>62</b>	<b>10.3</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:32</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>East</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
63	-0.1	0.3	Negative	1	1	6/20/2018 14:33	Admin	Action Level	918004	1	Electrical Vault	East	Door Transom	Brown	Metal	Intact
<b>64</b>	<b>3.2</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:33</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>East</b>	<b>Door Threshold</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
65	0	0.3	Negative	1	1	6/20/2018 14:34	Admin	Action Level	918004	1	Electrical Vault	Center	Grating	Black	Metal	Intact
66	-0.3	0.3	Negative	1	1	6/20/2018 14:35	Admin	Action Level	918004	1	Electrical Vault	Center	Floor	Grey	Concrete	Intact
67	-0.1	0.3	Negative	1	1	6/20/2018 14:35	Admin	Action Level	918004	1	Electrical Vault	South	Door	Red	Metal	Intact
68	0.1	0.3	Negative	1	1	6/20/2018 14:36	Admin	Action Level	918004	1	Electrical Vault	South	Door Frame	Black	Metal	Intact
<b>69</b>	<b>1.4</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:36</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>South</b>	<b>Ladder</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
<b>70</b>	<b>1.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:37</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>South</b>	<b>Ladder Bracket</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>

**Lead-Based Paint Testing Report**  
**GFC Bldg. #105 - Vault #6**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
71	-0.2	0.3	Negative	1	1	6/20/2018 14:44	Admin	Action Level	918004	1	Electrical Vault	East	Door	Brown	Metal	Intact
72	0	0.3	Negative	1	1	6/20/2018 14:45	Admin	Action Level	918004	1	Electrical Vault	East	Door Transom	Brown	Metal	Intact
<b>73</b>	<b>11.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:46</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>East</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
74	0.6	0.2	Negative	1	1	6/20/2018 14:47	Admin	Action Level	918004	1	Electrical Vault	East	Door Threshold	Brown	Metal	Intact
<b>75</b>	<b>8.9</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:47</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>East</b>	<b>Door Threshold</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
<b>76</b>	<b>2.1</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:48</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>North</b>	<b>Ladder Bracket</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
<b>77</b>	<b>3.2</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/20/2018 14:49</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Electrical Vault</b>	<b>North</b>	<b>Ladder</b>	<b>Black</b>	<b>Metal</b>	<b>Intact</b>
78	0.3	0.3	Negative	1	1	6/20/2018 14:49	Admin	Action Level	918004	1	Electrical Vault	North	Door	Grey	Metal	Intact
79	-0.2	0.3	Negative	1	1	6/20/2018 14:50	Admin	Action Level	918004	1	Electrical Vault	North	Door Frame	Red	Metal	Intact
80	0.1	0.3	Negative	1	1	6/20/2018 14:53	Admin	Action Level	918004	1	Electrical Vault	Center	Grating	Black	Metal	Intact

**Lead-Based Paint Testing Report**

**GFC Bldg. #103 - Vault 3**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
1	-0.1	0.3	Negative	1	1	6/21/2018 8:32	Admin	Action Level	918004	1	Elec. Vault	West	Door	Brown	Metal	Intact
2	0	0.3	Negative	1	1	6/21/2018 8:32	Admin	Action Level	918004	1	Elec. Vault	West	Transom	Brown	Metal	Intact
<b>3</b>	<b>1.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:33</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>		<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
<b>4</b>	<b>24.2</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:33</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>		<b>Threshold</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
5	0.1	0.3	Negative	1	1	6/21/2018 8:34	Admin	Action Level	918004	1	Elec. Vault	East	Elec. Panel	Grey	Metal	Intact
6	0	0.3	Negative	1	1	6/21/2018 8:35	Admin	Action Level	918004	1	Elec. Vault	West	Transformer	Grey	Metal	Intact
<b>7</b>	<b>2.1</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:36</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>North</b>	<b>Ladder</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
<b>8</b>	<b>4</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:37</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>North</b>	<b>Ladder Bracket</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
<b>9</b>	<b>2.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:37</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>East</b>	<b>I-Beam</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
10	-0.1	0.3	Negative	1	1	6/21/2018 8:39	Admin	Action Level	918004	1	Elec. Vault	Center	Grating	Black	Metal	Intact

**Lead-Based Paint Testing Report**  
**GFC Bldg. #103 - Vault 2**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
11	0.2	0.3	Negative	1	1	6/21/2018 8:53	Admin	Action Level	918004	1	Elec. Vault	Center	Floor	Grey	Concrete	Intact
<b>12</b>	<b>2.4</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:54</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>South</b>	<b>Door</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
<b>13</b>	<b>1.9</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:55</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>South</b>	<b>Door Frame</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
14	0.7	0.2	Negative	1	3	6/21/2018 8:55	Admin	Action Level	918004	1	Elec. Vault	West	Elec. Panel	Grey	Metal	Intact
<b>15</b>	<b>3</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:56</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>West</b>	<b>Angle Iron</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
16	0.2	0.3	Negative	1	1	6/21/2018 8:57	Admin	Action Level	918004	1	Elec. Vault	North	Elec. Panel	Grey	Metal	Intact
17	0.3	0.3	Negative	1	1	6/21/2018 8:58	Admin	Action Level	918004	1	Elec. Vault	North	Elec. Panel	Grey	Metal	Intact
<b>18</b>	<b>3.2</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:58</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>North</b>	<b>Ladder Bracket</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
<b>19</b>	<b>6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 8:59</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>North</b>	<b>Ladder</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
20	0.1	0.3	Negative	1	1	6/21/2018 9:00	Admin	Action Level	918004	1	Elec. Vault	East	Door	Brown	Metal	Intact
21	-0.1	0.3	Negative	1	1	6/21/2018 9:00	Admin	Action Level	918004	1	Elec. Vault	East	Transom	Brown	Metal	Intact
<b>22</b>	<b>2</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 9:01</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>East</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
<b>23</b>	<b>17.9</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 9:02</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>East</b>	<b>Threshold</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
24	-0.2	0.3	Negative	1	1	6/21/2018 9:02	Admin	Action Level	918004	1	Elec. Vault	Center	Grating	Black	Metal	Intact

**Lead-Based Paint Testing Report**  
**GFC Bldg. #103 - Vault 4**

Reading #	mgcm2	3 SD	Result	Action Level	NomSecs	DateTime	User	Mode	Job	Floor	Room	Side	Component	Color	Substrate	Condition
25	0.6	0.2	Calibration	1	2	6/21/2018 11:11	Admin	Action Level	918004							
26	1.3	0.2	Calibration	1	3	6/21/2018 11:12	Admin	Action Level	918004							
27	0.7	0.2	Calibration	1	2	6/21/2018 11:14	Admin	Action Level	918004							
28	0.1	0.3	Negative	1	1	6/21/2018 11:25	Admin	Action Level	918004	1	Elec. Vault	East	Door	Brown	Metal	Intact
29	-0.2	0.3	Negative	1	1	6/21/2018 11:26	Admin	Action Level	918004	1	Elec. Vault	East	Transom	Brown	Metal	Intact
<b>30</b>	<b>2.3</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 11:27</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>East</b>	<b>Door Frame</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
<b>31</b>	<b>3.1</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 11:27</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>East</b>	<b>Threshold</b>	<b>Brown</b>	<b>Metal</b>	<b>Intact</b>
32	-0.1	0.3	Negative	1	1	6/21/2018 11:28	Admin	Action Level	918004	1	Elec. Vault	Center	Floor	Grey	Concrete	Intact
<b>33</b>	<b>1.6</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 11:28</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>West</b>	<b>Elec. Panel</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
<b>34</b>	<b>2</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 11:30</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>West</b>	<b>Angle Iron</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
35	-0.1	0.3	Negative	1	1	6/21/2018 11:30	Admin	Action Level	918004	1	Elec. Vault	South	Door	Brown	Metal	Intact
36	-0.1	0.3	Negative	1	1	6/21/2018 11:31	Admin	Action Level	918004	1	Elec. Vault	South	Door Frame	Brown	Metal	Intact
<b>37</b>	<b>6.1</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 11:32</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>South</b>	<b>Ladder Bracket</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
<b>38</b>	<b>3.4</b>	<b>0.3</b>	<b>Positive</b>	<b>1</b>	<b>1</b>	<b>6/21/2018 11:32</b>	<b>Admin</b>	<b>Action Level</b>	<b>918004</b>	<b>1</b>	<b>Elec. Vault</b>	<b>South</b>	<b>Ladder</b>	<b>Grey</b>	<b>Metal</b>	<b>Intact</b>
39	0	0.3	Negative	1	1	6/21/2018 11:33	Admin	Action Level	918004	1	Elec. Vault	Center	Grating	Black	Metal	Intact



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100 Northwest Business Park Lane  
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[www.occutec.com](http://www.occutec.com)

**PHOTO LOG**

Client: GSA - Heartland Region

Project Number: 918004



Photograph Number: 01

Description: GFC Bldg. 103D Elec. Vault - Door Frame with Lead-Based Paint

Taken By: Jeff Smith

Date Taken: 6/19/2018



Photograph Number: 02

Description: GFC Bldg. 105 Elec. Vault #1 - Ladder and Ladder Bracket with Lead-Based Paint

Taken By: Jeff Smith

Date Taken: 6/20/2018



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[www.occutec.com](http://www.occutec.com)

**PHOTO LOG**

Client: GSA - Heartland Region

Project Number: 918004



Photograph Number: 03

Description: GFC Bldg. 105 Elec. Vault #1 - Door Threshold with Lead-Based Paint

Taken By: Jeff Smith

Date Taken: 6/20/2018



Photograph Number: 04

Description: GFC Bldg. 105 Elec. Vault #5 - Door Frame with Lead-Based Paint

Taken By: Jeff Smith

Date Taken: 6/20/2018





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**PHOTO LOG**

Client: GSA - Heartland Region

Project Number: 918004



Photograph Number: 05

Description: GFC Bldg. 103 Elec. Vault #3 -I-Beam with Lead-Based Paint

Taken By: Jeff Smith

Date Taken: 6/21/2018



Photograph Number: 06

Description: GFC Bldg. 103 Elec. Vault #2 - Door and Door Frame with Lead-Based Paint

Taken By: Jeff Smith

Date Taken: 6/21/2018





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**PHOTO LOG**

Client: GSA - Heartland Region

Project Number: 918004



Photograph Number: 07

Description: GFC Bldg. 103 Elec. Vault #4 -Angle Iron with Lead-Based Paint

Taken By: Jeff Smith

Date Taken: 6/21/2018



Photograph Number: 08

Description: GFC Bldg. 103 Elec. Vault #4 -Electrical Panel with Lead-Based Paint

Taken By: Jeff Smith

Date Taken:

**STATE OF MISSOURI**  
**DEPARTMENT OF HEALTH AND SENIOR SERVICES**

**LEAD OCCUPATION LICENSE REGISTRATION**

Issued to:

**Jeffrey T. Smith**

The person, firm or corporation whose name appears on this certificate has fulfilled the requirements for licensure as set forth in the Missouri Revised Statutes 701.300-701.338, as long as not suspended or revoked, and is hereby authorized to engage in the activity listed below.

**Lead Risk Assessor**  
Category of License

Issuance Date: **3/16/2017**  
Expiration Date: **3/16/2019**  
License Number: **010316-200089640**

(b) (6)



Randall W. Williams, MD, FACOG  
Acting Director  
Department of Health and Senior Services

Lead Licensing Program, PO Box 570, Jefferson City, MO 65102