December 17, 2008

Mr. David Hartshorn  
GSA Heartland Region  
Safety & Environmental Team Leader  
Facilities Management Division 6PF  
1500 East Bannister Road Room 2101  
Kansas City, Missouri 64131-3088

RE: Child Care Center Lead Survey – Goodfellow Federal Center, St. Louis, Missouri (MO0610)  
Project No. 98130.05

Dear Mr. Hartshorn:

Thank you for the opportunity to provide the General Services Administration (GSA) with the subject survey. The following is our report.

BACKGROUND

As requested, OCCU-TEC conducted lead testing services at the Child Care Center, located at the Goodfellow Federal Center, in St. Louis, Missouri. The water and paint testing took place on November 6, 2008. The purpose of the testing is to determine the presence and potential exposure of small children to lead through drinking water and lead-based paint. Potential sources of lead in drinking water include lead solder joints, lead service lines, and in rare instances, the water supply itself. Lead compounds in paint, such as white lead and lead chromate were used primarily as color pigments. Children can become exposed to lead in paint by directly eating paint chips, or chewing on protruding surfaces. The most common route of exposure, however, is the ingestion of lead-bearing dust that is generated by the paint when it deteriorates, chalks, or is disturbed by building renovation activities.

EXPERIMENTAL

Sampling areas were limited to only faucets and drinking fountains accessed by children and painted surfaces within the reach of children. Other areas of the building were not included in the subject survey.
Drinking water was collected from 11 locations within the Child Care Center. Samples were collected in 500 milliliter containers that were supplied by the analytical laboratory (Bureau Veritas – North America). The drinking water samples were submitted via Fed Ex to Bureau Veritas - North America for independent analyses. Bureau Veritas is accredited by the AIHA for analyses of lead in drinking water. Bureau Veritas used EPA Method 200.8 for analysis. The Analytical results and Chain-of-Custody information are presented in the Attachments.

The paint inspection was conducted using RMD’s LPA-1 X-ray Florescence (XRF) detector. This model is state of the art equipment using x-ray radiation to analyze numerous paint layers for lead, with a 95% confidence level. There were 52 distinct sampling locations tested for the presence of lead-based paint in this facility.

RESULTS AND DISCUSSION

Water Sampling

The laboratory data from Bureau Veritas indicates that the results ranged from ND (Not Detected at the Reporting Limit) to 18 ug/L.

Paint Testing

No painted surfaces within the subject survey area tested positive for lead-based paint using the Housing of Urban Development (HUD) lead standard of 1.0 milligram per square centimeter (1.0 mg/cm²). Refer to the attached XRF Sample Sheet(s) for complete testing results.

SUMMARY

The maximum level allowed by federal, state and local drinking water standards or Maximum contaminant level (MCL) for lead in drinking water is 15 ug/L or 15 parts per billion. One of the water samples (GW-11) from the Multipurpose Room had results above this level. Refer to the field drawing for the location of this sample. All other sample results were within acceptable levels. No lead-based paint above the HUD Lead Standard of 1.0 mg/cm² was identified within the subject survey area.

OCCU-TEC appreciates the opportunity to work with you on this project. Please contact us if we can be of further assistance. We look forward to future opportunities to provide our services to you.

Sincerely,

Jeff T. Smith
Project Manager

Attachments
December 17, 2008

Jeff Smith
OCCU-TEC
6501 E. Commerce
Suite 230
Kansas City, MO 64120-

Bureau Veritas Work Order No. 08120123
Reference: FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05

Dear Jeff Smith:

Bureau Veritas North America, Inc. received 11 samples on 12/3/2008 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

[Redacted]
Ellen Coffman
Client Services Representative
cc: Michael Wantland (Bureau Veritas)
The results of this report relate only to the samples listed in the body of this report.

Unless otherwise noted below, the following statements apply: 1) all samples were received in acceptable condition, 2) all quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results, and 3) the industrial hygiene results have not been blank corrected.

This is a revised report. The sample descriptions for "GW-10" and GW-11" have been changed as requested on 12-17-08.
## ANALYTICAL RESULTS

**Client:** GENERAL SERVICES ADMINISTRATION  
**Work Order No:** 08120123  
**Project:** FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05  
**Lab ID:** 08120123-001A  
**Client Sample ID:** GW-01-HALLWAY-FOUNTAIN  
**Matrix:** DRINKING WATER  
**Tag Number:**  
**Collection Date:** 11/6/2008  
**Date:** 17-Dec-08

<table>
<thead>
<tr>
<th>Analytes</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>ND</td>
<td>3.0</td>
<td>µg/L</td>
<td></td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

**Qualifiers:**  
- ND - Not Detected at the Reporting Limit (RL)  
- J - Analyte detected below the Reporting Limit  
- B - Analyte detected in the associated Method Blank  
- * - Value exceeds Maximum Contaminant Level  
- S - Spike Recovery outside accepted recovery limits  
- R - RPD outside accepted recovery limits  
- E - Value above quantitation range  
- T - Tentatively Identified Compound (TIC)
## Analytical Results

**Client:** GENERAL SERVICES ADMINISTRATION  
**Work Order No:** 08120123  
**Project:** FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05

**Lab ID:** 08120123-002A  
**Client Sample ID:** GW-02-HALLWAY-FOUNTAIN  
**Matrix:** DRINKING WATER  
**Tag Number:**  
**Collection Date:** 11/6/2008

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>ND</td>
<td>3.0</td>
<td>μg/L</td>
<td></td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

**Qualifiers:**  
- ND - Not Detected at the Reporting Limit (RL).  
- S - Spike Recovery outside accepted recovery limits  
- J - Analyte detected below the Reporting Limit  
- R - RPD outside accepted recovery limits  
- B - Analyte detected in the associated Method Blank  
- E - Value above quantitation range  
- * - Value exceeds Maximum Contaminant Level  
- T - Tentatively Identified Compound (TIC)
ANALYTICAL RESULTS

Client: GENERAL SERVICES ADMINISTRATION
Project: FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05
Lab ID: 08120123-003A
Matrix: DRINKING WATER
Client Sample ID: GW-03-YELLOW RM KITCHEN
Tag Number:
Collection Date: 11/6/2008

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>ND</td>
<td>3.0</td>
<td>µg/L</td>
<td></td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

Qualifiers:
- ND - Not Detected at the Reporting Limit (RL).
- I - Analyte detected below the Reporting Limit
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- T - Tentatively Identified Compound (TIC)
# Analytical Results

**Client:** GENERAL SERVICES ADMINISTRATION  
**Work Order No:** 08120123  
**Project:** FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05  
**Lab ID:** 08120123-004A  
**Matrix:** DRINKING WATER  
**Client Sample ID:** GW-04-TEAL FOUNTAIN  
**Tag Number:**  
**Collection Date:** 11/6/2008  
**Date:** 17-Dec-08

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>ND</td>
<td>3.0</td>
<td>µg/L</td>
<td></td>
<td></td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

**Qualifiers:**  
- ND - Not Detected at the Reporting Limit (RL).  
- J - Analyte detected below the Reporting Limit  
- B - Analyte detected in the associated Method Blank  
- * - Value exceeds Maximum Contaminant Level  
- S - Spike Recovery outside accepted recovery limits  
- R - RPD outside accepted recovery limits  
- E - Value above quantitation range  
- T - Tentatively Identified Compound (TIC)
### ANALYTICAL RESULTS

**Client:** GENERAL SERVICES ADMINISTRATION  
**Work Order No:** 08120123  
**Project:** FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05

**Lab ID:** 08120123-005A  
**Matrix:** DRINKING WATER  
**Client Sample ID:** GW-05-BLUE FOUNTAIN  
**Tag Number:**  
**Collection Date:** 11/6/2008  
**Date:** 17-Dec-08

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>ND</td>
<td>3.0</td>
<td>μg/L</td>
<td></td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

**Qualifiers:**  
ND - Not Detected at the Reporting Limit (RL).  
J - Analyte detected below the Reporting Limit  
B - Analyte detected in the associated Method Blank  
* - Value exceeds Maximum Contaminant Level  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
T - Tentatively Identified Compound (TIC)
ANALYTICAL RESULTS

Client: GENERAL SERVICES ADMINISTRATION
Project: FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05
Lab ID: 08120123-006A
Matrix: DRINKING WATER
Client Sample ID: GW-06-KITCHEN SINK
Tag Number:
Collection Date: 11/6/2008

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>ND</td>
<td>3.0</td>
<td>µg/L</td>
<td></td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

Qualifiers:
- ND - Not Detected at the Reporting Limit (RL).
- J - Analyte detected below the Reporting Limit
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- T - Tentatively Identified Compound (TIC)
ANALYTICAL RESULTS

Client: GENERAL SERVICES ADMINISTRATION
Project: FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05
Lab ID: 08120123-007A
Matrix: DRINKING WATER
Client Sample ID: GW-07-PINK FOUNTAIN
Tag Number:
Collection Date: 11/6/2008

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual.</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>3.6</td>
<td>3.0</td>
<td>μg/L</td>
<td></td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

Qualifiers:  
- ND - Not Detected at the Reporting Limit (RL).
- J - Analyte detected below the Reporting Limit
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RFD outside accepted recovery limits
- E - Value above quantitation range
- T - Tentatively Identified Compound (TIC)
## Analytical Results

**Client:** GENERAL SERVICES ADMINISTRATION  
**Work Order No:** 08120123  
**Project:** FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05  
**Lab ID:** 08120123-008A  
**Matrix:** DRINKING WATER  
**Client Sample ID:** GW-08-PURPLE FOUNTAIN  
**Tag Number:**  
**Collection Date:** 11/6/2008  
**Date:** 17-Dec-08

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>ND</td>
<td>3.0</td>
<td>µg/L</td>
<td>1</td>
<td></td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

**Qualifiers:**  
- ND - Not Detected at the Reporting Limit (RL).  
- L - Analyte detected below the Reporting Limit  
- B - Analyte detected in the associated Method Blank  
- * - Value exceeds Maximum Contaminant Level  
- S - Spike Recovery outside accepted recovery limits  
- R - RPD outside accepted recovery limits  
- E - Value above quantitation range  
- T - Tentatively Identified Compound (TIC)
ANALYTICAL RESULTS

Client: GENERAL SERVICES ADMINISTRATION

Project: FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05

Lab ID: 08120123-009A

Matrix: DRINKING WATER

Client Sample ID: GW-09-YELLOW RM SINK

Tag Number:

Collection Date: 11/6/2008

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>ND</td>
<td>3.0</td>
<td>μg/L</td>
<td></td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
</tr>
</tbody>
</table>

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)
# Analytical Results

**Client:** GENERAL SERVICES ADMINISTRATION  
**Work Order No:** 08120123  
**Project:** FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05  
**Lab ID:** 08120123-010A  
**Client Sample ID:** GW-10 MULTIPURPOSE ROOM  
**Matrix:** DRINKING WATER  
**Tag Number:**  
**Collection Date:** 11/6/2008

## Analyses

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>8.8</td>
<td>3.0</td>
<td>µg/L</td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
<td></td>
</tr>
</tbody>
</table>

**Qualifiers:**
- ND - Not Detected at the Reporting Limit (RL)
- J - Analyte detected below the Reporting Limit
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- T - Tentatively Identified Compound (TIC)
**ANALYTICAL RESULTS**

Client: GENERAL SERVICES ADMINISTRATION

Project: FEDERAL CENTER-GOOD FELLOW, ST LOUIS, MO/98130.05

Lab ID: 08120123-011A

Matrix: DRINKING WATER

Client Sample ID: GW-11-MULTIPURPOSE ROOM

Tag Number: 

Collection Date: 11/6/2008

<table>
<thead>
<tr>
<th>Analyses</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Analyzed</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRINKING WATER METALS; METHOD EPA 200.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>18</td>
<td>3.0</td>
<td>µg/L</td>
<td>1</td>
<td>12/9/2008</td>
<td>RS</td>
<td></td>
</tr>
</tbody>
</table>

**Qualifiers:**
- ND - Not Detected at the Reporting Limit (RL)
- J - Analyte detected below the Reporting Limit
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- T - Tentatively Identified Compound (TIC)
**REQUEST FOR LABORATORY ANALYTICAL SERVICES**

**Bureau Veritas North America, Inc.**

**Detroit Lab**
22345 Rosthul Drive
Novi, MI 48375
(800) 805-5887
(248) 344-1770
Fax (248) 344-2655

**Atlanta Lab**
3300 Chastain Meadows Pkwy, Ste 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
Fax (770) 499-7511

**Chicago Lab**
95 Oakwood Road
Lake Zurich, IL 60047
(888) 576-7522
(847) 726-3320
Fax (847) 726-3323

---

**NAME:** Jeff Smith  
**Company:** Occu-Tec  
**Mailing Address:** GS01-E Commerce, Suite 230  
**City, State, Zip:** Kansas City, MO 64120  
**Telephone No.:** 816-231-5880  
**Fax No.:** 816-231-5841  

**Contract No.:** PJ8FO1009  
**Project ID:** Child Care Lead Survey  

---

**CLIENT SAMPLE IDENTIFICATION**

<table>
<thead>
<tr>
<th>Sample ID</th>
<th>Date Sampled</th>
<th>Matrix/Media</th>
<th>Air Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>GW-01</td>
<td>11-6</td>
<td>Water</td>
<td></td>
</tr>
<tr>
<td>GW-02</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-04</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-05</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-06</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-07</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-08</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-09</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW-11</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**CHAIN OF CUSTODY**

**Collected by:** Jeff Smith  
**Date/Time:** 11-10-08  
**Method of Shipment:** FedEx  
**Received by:**  
**Date/Time:**  
**Authorized by:**  
**Date:** 11-10-08

---

**ANALYSIS REQUESTED**

(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.)

---

**RUSH ANALYSIS**

**CONTACT LAB IN ADVANCE**

**Need Results by:**  
**Charges Authorized? □ Yes □ No**

**Email Results □ Fax**

---

**LABORATORY COPY**
UNCLE SAM'S KIDS

Evacuation Routes
<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Floor</th>
<th>Room</th>
<th>Location</th>
<th>Component</th>
<th>Color</th>
<th>Substrate</th>
<th>Condition (I, F, P)</th>
<th>Reading mg/cm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Wall</td>
<td>Blue</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Window Frame</td>
<td>White</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Entry</td>
<td>West</td>
<td>Wall</td>
<td>Red</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Ceiling</td>
<td>White</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Wall</td>
<td>Red</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Wall</td>
<td>Orange</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>7</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Wall</td>
<td>Yellow</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Wall</td>
<td>Green</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>9</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Wall</td>
<td>Turquoise</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>10</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Wall</td>
<td>Blue</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>11</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Wall</td>
<td>Purple</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>12</td>
<td>1</td>
<td>Entry</td>
<td>East</td>
<td>Door</td>
<td>Black</td>
<td>Metal</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>13</td>
<td>1</td>
<td>Hallway</td>
<td>East</td>
<td>Door Frame</td>
<td>Black</td>
<td>Metal</td>
<td>Intact</td>
<td>0.3</td>
</tr>
<tr>
<td>14</td>
<td>1</td>
<td>Hallway</td>
<td>East</td>
<td>Wall</td>
<td>Grey</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>15</td>
<td>1</td>
<td>Hallway</td>
<td>South</td>
<td>Door</td>
<td>Grey</td>
<td>Metal</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>16</td>
<td>1</td>
<td>Hallway</td>
<td>South</td>
<td>Door Frame</td>
<td>Grey</td>
<td>Metal</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>17</td>
<td>1</td>
<td>Hallway</td>
<td>West</td>
<td>Wall</td>
<td>Grey</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>18</td>
<td>1</td>
<td>Hallway</td>
<td>South</td>
<td>Door</td>
<td>Grey</td>
<td>Metal</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>19</td>
<td>2</td>
<td>Hallway</td>
<td>West</td>
<td>Wall</td>
<td>Lime Green</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>20</td>
<td>1</td>
<td>Hallway</td>
<td>West</td>
<td>Wall</td>
<td>Light Green</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>21</td>
<td>1</td>
<td>Hallway</td>
<td>West</td>
<td>Wall</td>
<td>Med Green</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>22</td>
<td>1</td>
<td>Hallway</td>
<td>West</td>
<td>Window Frame</td>
<td>Red</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>23</td>
<td>1</td>
<td>Hallway</td>
<td>West</td>
<td>Wall</td>
<td>Violet</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>24</td>
<td>1</td>
<td>Hallway</td>
<td>West</td>
<td>Wall</td>
<td>Orange</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>25</td>
<td>1</td>
<td>Hallway</td>
<td>East</td>
<td>Door Frame</td>
<td>Grey</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>26</td>
<td>1</td>
<td>Hallway</td>
<td>East</td>
<td>Wall</td>
<td>Pink</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>27</td>
<td>1</td>
<td>Hallway</td>
<td>East</td>
<td>Wall</td>
<td>Lime Green</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>28</td>
<td>1</td>
<td>Hallway</td>
<td>East</td>
<td>Wall</td>
<td>Light Blue</td>
<td>Drywall</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>29</td>
<td>1</td>
<td>Pink</td>
<td>East</td>
<td>Door</td>
<td>Pink</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>30</td>
<td>1</td>
<td>Pink</td>
<td>East</td>
<td>Door Frame</td>
<td>Grey</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>31</td>
<td>1</td>
<td>Pink</td>
<td>West</td>
<td>Wall</td>
<td>Grey</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>32</td>
<td>1</td>
<td>Pink</td>
<td>North</td>
<td>Spindle</td>
<td>Varnish</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>33</td>
<td>1</td>
<td>Pink</td>
<td>North</td>
<td>Rail</td>
<td>Varnish</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>34</td>
<td>1</td>
<td>Pink</td>
<td>North</td>
<td>Post</td>
<td>Varnish</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
<tr>
<td>35</td>
<td>1</td>
<td>Pink</td>
<td>North</td>
<td>Drain Pipe</td>
<td>Black</td>
<td>Metal</td>
<td>Fair</td>
<td>0.2</td>
</tr>
<tr>
<td>36</td>
<td>1</td>
<td>Pink</td>
<td>North</td>
<td>Half Door</td>
<td>Grey</td>
<td>Wood</td>
<td>Intact</td>
<td>0.0</td>
</tr>
</tbody>
</table>

**Color Key**
- B - Beige
- BK - Black
- BL - Blue
- BW - Brown
- C - Cream
- D - Grey
- G - Green

**Component Key**
- B - Beige
- BK - Black
- BL - Blue
- BW - Brown
- C - Cream
- D - Grey
- G - Green

**Substrate Key**
- CC - Calibration Check
- F:/SHARE/FORMS/Operations/XRFsampleLog.xls
### XRF Sample Sheet

#### Client:
- GSA Heartland Region

#### Project:
- Child Care Lead Testing

#### Building:
- Goodfellow Federal Center, St. Louis, MO

#### Project Number:
- 98130.05

#### Date:
- 11/6/2008

#### Sample Number | Floor | Room | Location | Component | Color | Substrate | Condition (I, F, P) | Reading mg/cm²
--- | --- | --- | --- | --- | --- | --- | --- | ---
37 | 1 | Pink RR | West | Floor | Grey | Ceramic | Intact | 0.0
38 | 1 | Pink RR | West | Floor | White | Ceramic | Intact | 0.0
39 | 1 | Kitchen | East | Door | Grey | Wood | Intact | 0.0
40 | 1 | Kitchen | East | Door Frame | Grey | Metal | Intact | 0.0
41 | 1 | Purple | East | Wall | Grey | Drywall | Intact | 0.0
42 | 1 | Purple | East | Post | Varnish | Wood | Intact | 0.0
43 | 1 | Purple | East | Spindle | Varnish | Wood | Intact | 0.0
44 | 1 | Blue | West | Wall | White | Drywall | Intact | 0.0
45 | 1 | Blue | West | Door | Black | Metal | Intact | 0.0
46 | 1 | Blue | West | Door Frame | Black | Metal | Intact | 0.4
47 | 1 | Blue | East | Door | Blue | Wood | Intact | 0.0
48 | 1 | Teal | North | Wall | White | Drywall | Intact | 0.0
49 | 1 | Teal | East | Door | Teal | Wood | Intact | 0.0
50 | 1 | Green | East | Door | Green | Wood | Intact | 0.0
51 | 1 | Green | East | Door Frame | Grey | Wood | Intact | 0.0
52 | 1 | Green | West | Wall | White | Drywall | Intact | 0.0
53 | 1 | Yellow | East | Door | Yellow | Wood | Intact | 0.0
54 | 1 | Red | East | Door | Red | Wood | Intact | 0.0
55 | 1 | Red | East | Door Frame | Grey | Wood | Intact | 0.0
56 | | | | | | | | 0.9
57 | | | | | | | | 0.8
58 | | | | | | | | 0.9

#### Color Key
- B - Beige
- BK - Black
- BL - Blue
- BW - Brown
- C - Cream
- D - Door
- G - Green
- P - Papered
- PR - Purple
- PRP - Purple Red Pink
- R - Red
- RB - Red Brown
- RBP - Red Brown Purple
- Y - Yellow
- YPR - Yellow Pink Red
- GY - Grey
- M - Mint
- O - Orange
- P - Pink
- PRP - Purple Pink Red
- S - Stained
- W - White

#### Component Key
- D - Door, DF - Door Frame, DJ - Door Jambs
- W - Wall, C - Ceiling, BB - Baseboard
- WS - Window Sill, WA - Window Apron,
- WW - Window Well, WSH - Window Sash
- WM - Window Mullion, WF - Window Frame
- WSC - Window Screen, WJ, Window Jamb
- SB - Stair Baseboard, SR - Stair Riser, R - Railings
- ST - Stair Tread, RC - RailCap, B - Balusters
- NP - Newel Post, CLM - Column, CM - Crown Moulding
- DWT - Drywall with Texture

#### Substrate Key
- B - Brick
- C - Concrete
- PC - Plastic
- D - Door
- DW - Drawer
- DW T - Drywall w/ Texture
- G - Glass
- M - Metal
- MC - Molding
- VC - Vent Cover
- WC - Ceiling Tubs

CC - Calibration Check

F:/SHARE/FORMS/Operations/XRFsampleLog.xls
STATE OF MISSOURI
ENVIRONMENTAL REGULATION & LICENSURE

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.

Risk Assessor
Category of License

Issuance Date: March 16, 2007
Expiration Date: March 16, 2009
License Number: 010316-200089640

Jane Drummond
Director
Department of Health and Senior Services

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