Dear Ms. Czarnecki:

Thank you for the opportunity to assist the General Services Administration (GSA) with the metals in settled dust sampling investigation of Building 103 located at the Goodfellow Federal Center (GFC) in St. Louis, Missouri. Burns & McDonnell understands that the purpose of the investigation was to provide additional sampling data of existing environmental conditions that are present at GFC that could adversely impact the health and safety of building occupants as well as workers at the facility. The following report summarizes the sample collection activities and the laboratory analytical results of samples submitted.

INTRODUCTION

Per historical use and previous characterization, Burns & McDonnell was contracted to perform settled dust sampling for the analysis of seven (7) of the Resource Conservation and Recovery Act (RCRA) target metals (arsenic, barium, cadmium, chromium, lead, selenium, and silver) from various surfaces within buildings. The purpose of this testing was to further characterize the presence and concentration of target metals in common tenant-occupied areas of the building.

The proposed sampling scheme, the number of samples, the sample distribution and general methodology was developed by GSA and Burns & McDonnell. Specific sample locations were determined by sampling personnel while on-site.

Settled dust wipe sampling at Bldg. 103 was conducted on June 18, 2020 by Emily Ahlemeyer of Burns & McDonnell and Justin Arnold of OCCU-TEC.

METALS IN SETTLED DUST SAMPLING

Metals in settled dust sampling was conducted primarily within tenant-occupied areas. Dust wipe sampling was conducted in accordance with ASTM Standard E1728: Standard Practice for Collection of Settled Dust Samples Using Wipe Sampling Methods for Subsequent Lead Determination. ASTM Standard E1728 is consistent with the methodology described in the Housing and Urban Development Guidelines and 40 CRF 745.63. The Brookhaven National Laboratory’s Surface Wipe Sampling Procedure (IH75190) was also used as a guideline.
Dust wipe sampling for the target metals was conducted on a variety of representative surfaces that have the potential of being disturbed by building occupants. A representative surface area of approximately one square foot (1 SF) was measured and delineated with plastic templates. The dust wipe samples were collected using dedicated dust wipe cloths meeting ASTM E1792 Standard. Each dust wipe cloth was pre-moistened and individually wrapped. Each sample was collected by wiping in a back and forth “S” pattern over a measured sampling area using a clean, disposable glove. Then, the wipe was folded over itself and the area was wiped again in a direction perpendicular to the first wipe orientation. Then, the wipe folded over itself again and the area was wiped around the perimeter. The wipe sample was then placed into a labeled, clean container. Dust wipe samples were submitted to Environmental Hazards Services, LLC (EHS) in Richmond, Virginia for Inductively Coupled Plasma (ICP) analysis of metals analysis using Environmental Protection Agency (EPA) method SW846 3050B/6010D. EHS is accredited under the American Industrial Hygiene Association (AIHA) Laboratory Accreditation Program (LAP) identification number LAP-100420.

Whereas the Occupational Safety and Health Administration (OSHA) has not established regulatory limits for surface concentrations of metals, the OSHA Technical Manual Section II: Chapter 2 (III.A) describes a method for calculating “housekeeping” standards, as recommended acceptable surface limits. Brookhaven’s IH75190 procedure uses the housekeeping standards to derive a lower, “clean area limit” for non-operational areas that can be accessed or contacted without special training or precautions. Burns & McDonnell calculated clean area limits for metals not included in the Brookhaven procedure, specifically barium, chromium (total), selenium and silver. Wipe results were compared to the Brookhaven procedure’s clean area limits for each metal.

Results of the dust wipe samples collected from the building indicate that eleven (11) of the twenty-two (22) samples contained concentrations of target metals above laboratory reporting limits. The following table identifies the range of results for each of the seven metals that were analyzed. Samples with a “<” sign indicate that the results were below the lab’s reportable limit.
Table 1. Summary of Dust Wipe Results

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Lowest Concentration&lt;sup&gt;a&lt;/sup&gt; (µg/sq. ft) &lt;sup&gt;b&lt;/sup&gt;</th>
<th>Highest Concentration&lt;sup&gt;a&lt;/sup&gt; (µg/sq. ft) &lt;sup&gt;b&lt;/sup&gt;</th>
<th>Clean Area Limit&lt;sup&gt;c&lt;/sup&gt; (µg/sq. ft) &lt;sup&gt;b&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver</td>
<td>&lt;2.0</td>
<td>&lt;2.1</td>
<td>62</td>
</tr>
<tr>
<td>Arsenic</td>
<td>&lt;2.0</td>
<td>&lt;2.1</td>
<td>62</td>
</tr>
<tr>
<td>Barium</td>
<td>&lt;2.0</td>
<td>60</td>
<td>3,094</td>
</tr>
<tr>
<td>Cadmium</td>
<td>&lt;2.0</td>
<td>3.4</td>
<td>31</td>
</tr>
<tr>
<td>Chromium (Total)</td>
<td>&lt;2.0</td>
<td>7.2</td>
<td>3,094</td>
</tr>
<tr>
<td>Lead</td>
<td>&lt;2.0</td>
<td>56</td>
<td>10&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Selenium</td>
<td>&lt;5.0</td>
<td>&lt;5.1</td>
<td>1,236</td>
</tr>
</tbody>
</table>

<sup>a</sup> Samples with a “<” sign indicate that the results were below the reportable limit.

<sup>b</sup> µg/sq. ft = micrograms per square foot of surface area.

<sup>c</sup> Clean Area Limit per Brookhaven IH75190=OSHA Housekeeping Limit [PEL (µg/m³) x 10 m³/100cm²] / 15.

<sup>d</sup> Lead clean area limit: Brookhaven references EPA/HUD limit for floors, set at 10 µg/sq. ft. as of January 2020.

One (1) sample exceeded the lead clean area limit. Sample 103-W-04 resulted in a lead concentration of 56 µg/sq. ft. The remaining target metal sample results were below housekeeping and clean area limits, as recommended and described by OSHA and the Brookhaven Procedure.

Burns & McDonnell appreciates the opportunity to work with the GSA on this project. Please contact us if you have any questions regarding this report or if we may be of any additional service.

Sincerely,

Matt Shanahan, CHMM
Project Manager

Attachments:
Appendix A – Sample Summary Table
Appendix B – Laboratory Analysis Report
Appendix C – Licenses
APPENDIX A – SAMPLE SUMMARY TABLE
### Goodfellow Federal Center - Building # 103 - Wipe Sample Data

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Area Description</th>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Clean Area Limit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-01</td>
<td>1st Floor Secured Space</td>
<td>File shelf near column H4</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>2.5</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-02</td>
<td>1st Floor Secured Space</td>
<td>Top of vending machine, column E2</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-03</td>
<td>1st Floor Secured Space</td>
<td>Floor tile near column D4</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>6.3</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
</tbody>
</table>
# Appendix A
## Sample Summary Table

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Area Description</th>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Clean Area Limit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-04</td>
<td>1st Floor Secured Space</td>
<td>Elevator threshold, column B12</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>45</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>3.4</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>7.2</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>56</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-05</td>
<td>1st Floor Secured Space</td>
<td>Rubber transition floor, column C12</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>6.2</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>2.8</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>5.5</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-06</td>
<td>1st Floor Secured Space</td>
<td>Floor tile near column B19</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>14</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>2.3</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>4.6</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
</tbody>
</table>
## Goodfellow Federal Center - Building # 103 - Wipe Sample Data

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Area Description</th>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Clean Area Limit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-07</td>
<td>1st Floor Secured Space</td>
<td>Top of locker near column D21</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>8.3</td>
<td>μg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>7.4</td>
<td>μg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>μg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-08</td>
<td>2nd Floor Secured Space</td>
<td>Raised IT floor near column G13</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>60</td>
<td>μg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>μg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-09</td>
<td>2nd Floor Secured Space</td>
<td>Countertop near column G5</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>μg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>μg/ft²</td>
<td>1,236</td>
</tr>
</tbody>
</table>
## Goodfellow Federal Center - Building # 103 - Wipe Sample Data

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Area Description</th>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Clean Area Limit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-10</td>
<td>1st Floor Secured Space</td>
<td>Carpet floor near column B21</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>2.8</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>4.6</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-11</td>
<td>1st Floor Secured Space</td>
<td>Table top near column G20</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-12</td>
<td>1st Floor Secured Space</td>
<td>Concrete floor near column A8</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>2.9</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>8.7</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
</tbody>
</table>
# Appendix A

## Sample Summary Table

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Area Description</th>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Clean Area Limit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-13</td>
<td>Field Blank</td>
<td>--</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td>103-W-14</td>
<td>Field Blank</td>
<td>--</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg</td>
<td>--</td>
</tr>
<tr>
<td>103-W-15</td>
<td>2nd Floor Unsecured Space</td>
<td>File cabinet near column G33</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
</tbody>
</table>
# Sample Summary Table

## Goodfellow Federal Center - Building # 103 - Wipe Sample Data

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Area Description</th>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Clean Area Limit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-16</td>
<td>2nd Floor Unsecured Space</td>
<td>File cabinet near column F36</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>4.6</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>3.2</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-17</td>
<td>2nd Floor Unsecured Space</td>
<td>Raised floor near column H33</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-18</td>
<td>1st Floor Unsecured Space</td>
<td>Top of vending machine, column H37</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>9.2</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>2.7</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>5.2</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
</tbody>
</table>
## Appendix A
### Sample Summary Table

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Area Description</th>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Clean Area Limit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-19</td>
<td>1st Floor Unsecured Space</td>
<td>Stair tread near column H39</td>
<td>Silver</td>
<td>&lt; 2.1</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.1</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.1</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.1</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.1</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.1</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.1</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-20</td>
<td>2nd Floor Unsecured Space</td>
<td>File cabinet near column D39</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
<tr>
<td>103-W-21</td>
<td>2nd Floor Unsecured Space</td>
<td>Floor near ice machine, column C33</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
</tbody>
</table>
# Appendix A
## Sample Summary Table

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Area Description</th>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Clean Area Limit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-22</td>
<td>2nd Floor Unsecured Space</td>
<td>Top of fridge near column C33</td>
<td>Silver</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arsenic</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Barium</td>
<td>31</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cadmium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chromium</td>
<td>&lt; 2.0</td>
<td>µg/ft²</td>
<td>3,094</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lead</td>
<td>4.1</td>
<td>µg/ft²</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Selenium</td>
<td>&lt; 5.0</td>
<td>µg/ft²</td>
<td>1,236</td>
</tr>
</tbody>
</table>

* Clean Area Limit per Brookhaven IH75190=OSHA Housekeeping Limit [PEL (µg/m³) x 10 m³/100cm²] / 15. Lead clean area limit: Brookhaven references EPA/HUD limit for floors, set at 10 µg/sq. ft. as of January 2020.

Indicates results at or above the Clean Area Limit.
# Laboratory Results

<table>
<thead>
<tr>
<th>Lab Sample Number</th>
<th>Client Sample Number</th>
<th>Analyte:</th>
<th>Wipe Area (ft²)</th>
<th>Total Metal (ug)</th>
<th>Concentration (ug/ft²)</th>
<th>Narrative ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-06-02693-001</td>
<td>103-W-01</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>2.52</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-002</td>
<td>103-W-02</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>Lab Sample Number</td>
<td>Client Sample Number</td>
<td>Analyte:</td>
<td>Wipe Area (ft²)</td>
<td>Total Metal (ug)</td>
<td>Concentration (ug/ft²)</td>
<td>Narrative ID</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>----------</td>
<td>----------------</td>
<td>-----------------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>20-06-02693-003</td>
<td>103-W-03</td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-004</td>
<td>103-W-04</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>6.26</td>
<td>6.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-005</td>
<td>103-W-05</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>45.5</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>3.36</td>
<td>3.4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>7.21</td>
<td>7.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>55.6</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>Lab Sample Number</td>
<td>Client Sample Number</td>
<td>Analyte:</td>
<td>Wipe Area (ft²)</td>
<td>Total Metal (ug)</td>
<td>Concentration (ug/ft²)</td>
<td>Narrative ID</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>------------------------</td>
<td>-----------------</td>
<td>------------------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>6.22</td>
<td>6.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.0</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>2.75</td>
<td>2.8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>5.52</td>
<td>5.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-006</td>
<td>103-W-06</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>14.1</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>2.29</td>
<td>2.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>4.61</td>
<td>4.6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-007</td>
<td>103-W-07</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>8.28</td>
<td>8.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>7.39</td>
<td>7.4</td>
<td></td>
</tr>
<tr>
<td>Lab Sample Number</td>
<td>Client Sample Number</td>
<td>Analyte:</td>
<td>Wipe Area (ft²)</td>
<td>Total Metal (ug)</td>
<td>Concentration (ug/ft²)</td>
<td>Narrative ID</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>------------------</td>
<td>-----------------</td>
<td>-----------------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>20-06-02693-008</td>
<td>103-W-08</td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>103-W-09</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>60.4</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-009</td>
<td>103-W-09</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-010</td>
<td>103-W-10</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>2.84</td>
<td>2.8</td>
<td></td>
</tr>
<tr>
<td>Lab Sample Number</td>
<td>Client Sample Number</td>
<td>Analyte:</td>
<td>Wipe Area (ft²)</td>
<td>Total Metal (ug)</td>
<td>Concentration (ug/ft²)</td>
<td>Narrative ID</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>----------</td>
<td>----------------</td>
<td>-----------------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>20-06-02693-011</td>
<td>103-W-11</td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>4.55</td>
<td>4.6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-012</td>
<td>103-W-12</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-012</td>
<td>103-W-12</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>2.86</td>
<td>2.9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>8.70</td>
<td>8.7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td>Lab Sample Number</td>
<td>Client Sample Number</td>
<td>Analyte</td>
<td>Wipe Area (ft²)</td>
<td>Total Metal (ug)</td>
<td>Concentration (ug/ft²)</td>
<td>Narrative ID</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>----------------</td>
<td>----------------</td>
<td>------------------</td>
<td>-------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>20-06-02693-013</td>
<td>103-W-13</td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Arsenic (As)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td></td>
<td>&lt;5.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-014</td>
<td>103-W-14</td>
<td>Arsenic (As)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td></td>
<td>&lt;5.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td></td>
<td>&lt;2.00</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-015</td>
<td>103-W-15</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>Lab Sample Number</td>
<td>Client Sample Number</td>
<td>Analyte:</td>
<td>Wipe Area (ft²)</td>
<td>Total Metal (ug)</td>
<td>Concentration (ug/ft²)</td>
<td>Narrative ID</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>------------------</td>
<td>-----------------</td>
<td>------------------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>20-06-02693-016</td>
<td>103-W-16</td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.0</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.0</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.0</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.0</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-017</td>
<td>103-W-17</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.0</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>4.65</td>
<td>4.6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.0</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.0</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>3.15</td>
<td>3.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.0</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.0</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>Lab Sample Number</td>
<td>Client Sample Number</td>
<td>Analyte:</td>
<td>Wipe Area (ft²)</td>
<td>Total Metal (ug)</td>
<td>Concentration (ug/ft²)</td>
<td>Narrative ID</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>----------</td>
<td>-----------------</td>
<td>------------------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>20-06-02693-018</td>
<td>103-W-18</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>9.24</td>
<td>9.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>2.67</td>
<td>2.7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>5.18</td>
<td>5.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-019</td>
<td>103-W-19</td>
<td>Arsenic (As)</td>
<td>0.972</td>
<td>&lt;2.00</td>
<td>&lt;2.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>0.972</td>
<td>&lt;2.00</td>
<td>&lt;2.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>0.972</td>
<td>&lt;2.00</td>
<td>&lt;2.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>0.972</td>
<td>&lt;2.00</td>
<td>&lt;2.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>0.972</td>
<td>&lt;2.00</td>
<td>&lt;2.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>0.972</td>
<td>&lt;5.00</td>
<td>&lt;5.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>0.972</td>
<td>&lt;2.00</td>
<td>&lt;2.1</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-020</td>
<td>103-W-20</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>Lab Sample Number</td>
<td>Client Sample Number</td>
<td>Analyte:</td>
<td>Wipe Area (ft²)</td>
<td>Total Metal (ug)</td>
<td>Concentration (ug/ft²)</td>
<td>Narrative ID</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>----------</td>
<td>-----------------</td>
<td>-----------------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>20-06-02693-021</td>
<td>103-W-21</td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td>20-06-02693-022</td>
<td>103-W-22</td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Arsenic (As)</td>
<td>1.00</td>
<td>31.3</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium (Ba)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium (Cd)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chromium (Cr)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead (Pb)</td>
<td>1.00</td>
<td>4.06</td>
<td>4.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium (Se)</td>
<td>1.00</td>
<td>&lt;5.00</td>
<td>&lt;5.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silver (Ag)</td>
<td>1.00</td>
<td>&lt;2.00</td>
<td>&lt;2.0</td>
<td></td>
</tr>
</tbody>
</table>
**Environmental Hazards Services, L.L.C**

**Client Number:** 26-3514

**Report Number:** 20-06-02693

**Project/Test Address:** 168765; Goodfellow IH Services; 4300 Goodfellow Blvd

<table>
<thead>
<tr>
<th>Lab Sample Number</th>
<th>Client Sample Number</th>
<th>Analyte:</th>
<th>Wipe Area (ft²)</th>
<th>Total Metal (ug)</th>
<th>Concentration (ug/ft²)</th>
<th>Narrative ID</th>
</tr>
</thead>
</table>

**Sample Narratives:**

**Analyst:** Anthony Dee

**Method:** Mercury (Hg): EPA SW846 7471B

All other metals: EPA SW846 3050B/6010D

<table>
<thead>
<tr>
<th>ID</th>
<th>Sample Narratives:</th>
</tr>
</thead>
</table>

Reviewed By Authorized Signatory:

*Missy Kanode*

QA/QC Clerk

Sample Results denoted with a “less than” (<) sign contains less than the reporting limit for each particular metal, based on a 100mL volume. The reporting limit for Mercury is 0.10ug, Aluminum, Iron and Zinc are 50ug, Antimony and Selenium are 5.0ug and 2.0ug for all other metals.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Unless otherwise noted, samples are reported without a dry weight correction. Sample location, description, area, volume, etc., was provided by the client. If the report does not contain the result for a field blank, it is due to the fact that the client did not include a field blank with their samples. EHS sample results do not reflect blank correction. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714.

**Legend**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ug</td>
<td>microgram</td>
</tr>
<tr>
<td>ug/ft²</td>
<td>micrograms per square foot</td>
</tr>
<tr>
<td>mL</td>
<td>milliliter</td>
</tr>
<tr>
<td>ft²</td>
<td>square foot</td>
</tr>
</tbody>
</table>
# ENVIRONMENTAL HAZARDS SERVICES, LLC
## Metals Chain of Custody Form

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Burns &amp; McDonnell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account #</td>
<td>26-3514</td>
</tr>
<tr>
<td>Company Address</td>
<td>9400 Ward Parkway</td>
</tr>
<tr>
<td>Phone</td>
<td>816-349-6646</td>
</tr>
<tr>
<td>City/State/Zip</td>
<td>Kansas City, MO 64114</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:mshanahan@burnsmcd.com">mshanahan@burnsmcd.com</a></td>
</tr>
<tr>
<td>Project Name / Testing Address</td>
<td>Goodfellow IH Services / 4300 Goodfellow Blvd.</td>
</tr>
<tr>
<td>PO Number</td>
<td>168765</td>
</tr>
<tr>
<td>Collected By</td>
<td>Emily Ahlemeyer &amp; Justin Arnold</td>
</tr>
<tr>
<td>Turn-Around Time</td>
<td>□ 3 DAY □ 2 DAY □ 1 DAY □ SAME DAY OR WEEKEND - Must Call Ahead</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LAB NUMBER</th>
<th>Client Sample ID</th>
<th>Collection Date &amp; Time</th>
<th>METALS</th>
<th>PARTICULATES</th>
<th>AIR</th>
<th>WIPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>103-W-01</td>
<td>6/18/2020</td>
<td>4 Ag, As, Ba, Ca, Cr, Pb, Se</td>
<td>TSP, 2.5PM, PM-10 Total</td>
<td>Total Time</td>
<td>Flow Rate</td>
</tr>
<tr>
<td>2</td>
<td>103-W-02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>103-W-03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>103-W-04</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>103-W-05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>103-W-06</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>103-W-07</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>103-W-08</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>103-W-09</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>103-W-10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>103-W-11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>103-W-12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>103-W-13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>103-W-14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>103-W-15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Released By:** Emily Ahlemeyer  
**Date:** 6/19/2020  
**Time:** 4:00 PM

**Signature:** [Redacted]

**LAB USE ONLY – BELOW THIS LINE**

**Received By:** [Redacted]  
**Date:** 6/22/20  
**Time:** 1:53 PM  
**AM □ PM X**

**Portal Contact Added**

7469 WHITEPINE RD, RICHMOND, VA 23237  
(800)-347-4010

RESULTS VIA CLIENT PORTAL AVAILABLE @ www.leadlab.com

20-06-02693

**Due Date:**
06/25/2020
(Thursday)
EL
# ENVIRONMENTAL HAZARDS SERVICES, LLC

## Metals Chain of Custody Form

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Burns &amp; McDonnell</th>
<th>Account #</th>
<th>26-3514</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Address</td>
<td>9400 Ward Parkway</td>
<td>City/State/Zip</td>
<td>Kansas City, MO 64114</td>
</tr>
<tr>
<td>Phone</td>
<td>816-349-6646</td>
<td>Email</td>
<td><a href="mailto:mshanahan@burnsmcd.com">mshanahan@burnsmcd.com</a></td>
</tr>
</tbody>
</table>

### Project Name / Testing Address
- Goodfellow IH Services / 4300 Goodfellow Blvd.

### PO Number
- 168765

### Turn-Around Time
- X 3 DAY
- O 2 DAY
- O 1 DAY
- O SAME DAY OR WEEKEND - Must Call Ahead

## METALS

<table>
<thead>
<tr>
<th>Sample ID</th>
<th>Collection Date &amp; Time</th>
<th>Other Metals</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-W-110</td>
<td>6/18/2020</td>
<td>Ag, As, Ba, Cd, Cr, Se, Pb</td>
</tr>
<tr>
<td>103-W-17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>103-W-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>103-W-19</td>
<td></td>
<td></td>
</tr>
<tr>
<td>103-W-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>103-W-21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>103-W-22</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PARTICULATES

<table>
<thead>
<tr>
<th>AREA</th>
<th>Total Time</th>
<th>Flow Rate</th>
<th>Vol.</th>
</tr>
</thead>
<tbody>
<tr>
<td>cm or m</td>
<td>Total Liters</td>
<td>Unit</td>
<td></td>
</tr>
<tr>
<td>12 x 12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 x 12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 x 12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 x 12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 x 12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### AIR

- Total Dust
- Respirable Dust
- TSP

### WIPES

- Total: 15

### Released By
- Emily Anlemeyer

### Date
- 6/19/2020

### Time
- 4:00 pm

**LAB USE ONLY – BELOW THIS LINE**

Received By: [Redacted]

Signature: [Redacted]

Date: 6/22/20

Time: 1:53 am

Portal Contact Added: [Redacted]
LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

Justin E. Arnold

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: 6/11/2020
Expiration Date: 6/11/2022
License Number: 120611-300003622

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

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