November 11, 2019

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

RE: Side-by-Side Environmental Sampling Report – Bldg. 106 (Guard Shack)

Goodfellow Federal Center
4300 Goodfellow Boulevard, St. Louis, MO 63120
Project Number: 919103

Ms. Czarnecki,

In response to an ongoing Occupational Safety and Health Administration (OSHA) inspection of the Goodfellow Federal Center (GFC) located at the above referenced address, OCCU-TEC Inc. (OCCU-TEC) was contracted by the General Services Administration (GSA) to collect representative environmental samples from various locations throughout the building. OCCU-TEC was instructed to collect samples for the same contaminants at approximately half of the same locations as the OSHA inspector.

OCCU-TEC collected samples from Building 106 on October 3, 2019. The air samples were analyzed for Arsenic, Cadmium, and Lead. These analyses mirrored the OSHA inspector’s samples.

All results were less the laboratory limit of detection.
The samples collected were only indicative of the time of the sample and were not collected as 8-hour TWA for comparison to the OSHA permissible exposure limits (PELs). Analytical results from the independent laboratory are attached.

Please note that the results of this investigation are only applicable to the time of sampling and the current activities being completed at the time of sampling. Conditions at the site may have changed resulting in higher or lower concentrations that were not measured during this investigation. This report has been prepared for the sole use of the GSA. Use by other parties is expressly forbidden without the expressed written consent of the GSA and OCCU-TEC.

OCCU-TEC appreciates the opportunity to provide the GSA with the above references sampling services. If you have any questions, please contact us at (816) 231-5580.

Sincerely,

Jeff T. Smith
Senior Project Manager

Kevin Heriford
Operations Manager (QA/QC)
METALS IN AIR RESULTS
### Sample ID | Description | Volume (L) | Element | Reporting Limit (µg) | Concentration (µg) | Concentration (µg/m³)  
---|---|---|---|---|---|---
106-PbA-01 | Guard Station – North Side | 638 | As | 0.25 | < 0.25 | < 0.39  
| | | | Cd | 0.050 | < 0.050 | < 0.078  
| | | | Pb | 0.25 | < 0.25 | < 0.39  
71926053IPA_1 |  |  |  |  |  |  
106-PbA-02 | Field Blank | - | As | 0.25 | < 0.25 | -  
| | | Cd | 0.050 | < 0.050 | -  
| | | Pb | 0.25 | < 0.25 | -  
71926052IPA_2 |  |  |  |  |  |  

**Reported by:** Melissa Ferrell  
**Lab Director:** (b) (6)

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This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by AIHA or any other agency of the U.S. government. Scientific Analytical Institute participates in the AIHA IHPAT program. IHPAT Laboratory ID: 173190. Unless otherwise noted blank sample correction was not performed on analytical results. MDLs are available upon request. Reporting limits stated above.
Company Contact Information

<table>
<thead>
<tr>
<th>Company:</th>
<th>Contact:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occup-Tec</td>
<td>Justin Arnold</td>
</tr>
<tr>
<td>2604 NE Industrial Drive, #230</td>
<td></td>
</tr>
<tr>
<td>North Kansas City, MO 64117</td>
<td></td>
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Billing/Invoice Information

<table>
<thead>
<tr>
<th>Turn Around Times*</th>
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<tbody>
<tr>
<td>SAME</td>
</tr>
<tr>
<td>90 Min.</td>
</tr>
<tr>
<td>48 Hours</td>
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<tr>
<td>Company:</td>
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<tr>
<td>3 Hours</td>
</tr>
<tr>
<td>72 Hours</td>
</tr>
<tr>
<td>6 Hours</td>
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<tr>
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<tr>
<td>120 Hours</td>
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<tr>
<td>24 Hours</td>
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<td>144+ Hours</td>
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Industrial Hygiene Test Types

- Silica as Alpha Quartz*
- Silica as Cristobalite*
- Silica as Tridymite*

Include Respirable Dust

- Silica Bulk*
- Bulk Phase ID/Whole Rock
- SAI Method H-SOP-003
- Total Dust NIOSH Method 0500
- Respirable Dust NIOSH Method 0660
- PCM NIOSH 7400 (Fibers)
- TEM NIOSH 7402 (Asbestos)
- Hexavalent Chromium (OSHA ID-215)

Metals (NIOSH 7300) (Specify Metals Under Comments)

Other: As, Cd, Pb

Sample ID # | Description/Location           | Volume/Area | Comments (List Metals Here)
-------------|--------------------------------|-------------|-------------------------------
106-PhA-01   | Guard Station - North side     | 638 g       | As, Cd, Pb                    |
106-PhA-02   | Field Blank                   |             |                               |

(b) (6)

Relinquished by Date/Time Received by Date/Time
(b) (6) 10-7-19 10:30 (b) (6) 10-7-19 10:30

Accepted

Rejected

Total # of Samples 2

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