

Table 1. Asbestos Containing Materials

| Sample # | Material Description | Locations | Friability (Friable, NF Cat I NF Cat II) | Condition | Sample Results (% Asbestos) |
|----------|--|------------|---|-----------|-----------------------------|
| 03-01 | Vinyl Rollsheet Flooring Underneath 12x12 stick on vinyl tiles | Bathroom 2 | NF Cat I | Damaged | 10% Chrysotile |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Table 2. Non - Asbestos Containing Materials

| Sample # | Material Description | Locations | Condition | Sample Results (% Asbestos) |
|----------|--|------------|-----------|-----------------------------|
| 01-01 | Drywall | Bathroom 1 | Good | None Detected |
| 02-01 | Vinyl Flooring 12x12 stick on tiles | Bathroom 2 | Good | None Detected |
| | | | | |

V. CONCLUSIONS

Asbestos is not always an immediate hazard. Intact and undisturbed ACM does not pose a health risk. They may, however become a health hazard if they are damaged, disturbed, or deteriorate over time and release fibers into the air. There are no federal, state, or Tribal laws mandating asbestos removal. It is only when the material can no longer be maintained in good condition and/or airborne concentrations of asbestos are measured and found to be above a permissible exposure limit (PEL), or when the building is to be demolished or renovated, that removal may become necessary. Any renovation/demolition work which may impact these positive materials should be conducted in accordance with all applicable Federal, state, and local regulations.

**EMSL Analytical, Inc.**

3029 S. Jefferson, Saint Louis, MO 63118
 Phone/Fax: (314) 577-0150 / (314) 776-3313
<http://www.EMSL.com> saintlouislabs@emsl.com

| | |
|------------|-----------|
| EMSL Order | 391508802 |
| CustomerID | CHER25 |
| CustomerPO | 163155 |
| ProjectID: | |

| | |
|--|---|
| Attn: Nick Clark Cherokee Nation Environmental Programs 206 East Allen Road Tahlequah, OK 74464 | Phone: (918) 453-5370 Fax: Received: 09/25/15 9:40 AM Analysis Date: 9/25/2015 Collected: |
| Project: Felicia McCormick | |

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|---|-------------|---|----------------|--------------------------|----------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 01-01-Joint Compound 391508802-0001 | | Gray Non-Fibrous Homogeneous <i>No drywall present</i> | | 100% Non-fibrous (other) | None Detected |
| 01-01-Tape 391508802-0001A | | Gray Fibrous Homogeneous <i>No drywall present</i> | 100% Cellulose | 0% Non-fibrous (other) | None Detected |
| 01-01-Joint Compound 391508802-0001B | | Gray Non-Fibrous Homogeneous <i>No drywall present</i> | | 100% Non-fibrous (other) | None Detected |
| 02-01-Flooring 391508802-0002 | | Various Non-Fibrous Heterogeneous | | 100% Non-fibrous (other) | None Detected |
| 02-01-Adhesive 391508802-0002A | | Clear Non-Fibrous Homogeneous | | 100% Non-fibrous (other) | None Detected |
| 03-01 391508802-0003 | | Various Non-Fibrous Heterogeneous | | 90% Non-fibrous (other) | 10% Chrysotile |

Analyst(s)

Sue Ferraro (E)

 Jeff Siria, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-fragile organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%.
 Samples analyzed by EMSL Analytical, Inc. Saint Louis, MO NVLAP Lab Code 200742-0

Initial report from 09/26/2015 15:39:52



**Asbestos Bulk Building Material
Chain of Custody**

EMSL Order Number (Lab Use Only):

391508802

St. Louis, MO 63118
PHONE: (314)-577-0150
FAX: (314)-776-3313

| | | | |
|--|--------------------|--|-----------------------------|
| Company: Cherokee Nation Environmental Programs | | EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small> | |
| Street: 206 E. Allen Rd. | | <i>Third Party Billing requires written authorization from third party</i> | |
| City: Tahlequah | State/Province: OK | Zip/Postal Code: 74464 | Country: United States |
| Report To (Name): C. Nick Clark | | Telephone #: 918-316-7451 | |
| Email Address: carlton-clark@cherokee.org | | Fax #: | Purchase Order: 163155 |
| Project Name/Number: FELICIA MCCORMICK | | Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail | |
| U.S. State Samples Taken: OK | | CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt | |
| Turnaround Time (TAT) Options* - Please Check | | | |
| <input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week | | | |
| <small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small> | | | |
| PLM - Bulk (reporting limit) | | TEM - Bulk | |
| <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method | | <input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique | |
| <input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group | | Date Sampled: 9/24/15 | |
| Samplers Name: Nick Clark | | Samplers Signature: <i>Nick Clark</i> | |
| Sample # | HA # | Sample Location | Material Description |
| 01-01 | 1 | BATHROOM 1 | DRYWALL |
| 02-01 | 2 | BATHROOM 2 | VINYL FLOORING 12X12 |
| 03-01 | 3 | BATHROOM 2 | VINYL FLOORING PEBBLE PRINT |
| Client Sample # (s): 01-01 - 03-01 Total # of Samples: 3 | | | |
| Relinquished (Client): Nick Clark | | Date: 9/24/15 | Time: 8 aM |
| Received (Lab): <i>Deton Clark</i> | | Date: 9-25-15 | Time: 9:40 P |
| Comments/Special Instructions: <i>862795754405</i> | | | |