Arkansas Department of Environmental Quality
Laboratory Certification Program
U of A AWRC Water Quality Labs
Fayetteville, AR

has earned certification by law in accordance with Code Annotated §8-2-201 et seq., the State Environmental Laboratory Certification Program Act for the following parameters:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Parameter</th>
<th>Parameter</th>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkalinity</td>
<td>TKN</td>
<td>Chromium</td>
<td>Titanium</td>
</tr>
<tr>
<td>Ammonia</td>
<td>TOC</td>
<td>Cobalt</td>
<td>Vanadium</td>
</tr>
<tr>
<td>Chloride</td>
<td>Total Phosphorus</td>
<td>Copper</td>
<td>Zinc</td>
</tr>
<tr>
<td>Conductivity</td>
<td>Total Solids</td>
<td>Iron</td>
<td>E. coli</td>
</tr>
<tr>
<td>Fluoride</td>
<td>TSS</td>
<td>Lead</td>
<td>Total Coliform</td>
</tr>
<tr>
<td>Hardness</td>
<td>Turbidity</td>
<td>Magnesium</td>
<td></td>
</tr>
<tr>
<td>Nitrate</td>
<td>Aluminum</td>
<td>Manganese</td>
<td></td>
</tr>
<tr>
<td>Nitrite</td>
<td>Arsenic</td>
<td>Molybdenum</td>
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</tr>
<tr>
<td>Orthophosphate</td>
<td>Barium</td>
<td>Nickel</td>
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<tr>
<td>pH</td>
<td>Boron</td>
<td>Potassium</td>
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<tr>
<td>Sulfate</td>
<td>Cadmium</td>
<td>Selenium</td>
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</tr>
<tr>
<td>TDS</td>
<td>Calcium</td>
<td>Sodium</td>
<td></td>
</tr>
</tbody>
</table>

Laboratory ID: 72-0749
Certificate Number: 16-016-0
Issued Date: 14 February 2016
Expired Date: 14 February 2017

Becky W. Keogh
ADEQ Director