Dear Noah Hume,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

General Comments:
- There are no general comments for this report.

Individual Sample Comments:
- There are no specific comments that are associated with these samples.

Approved By:  

Sierra Environmental Monitoring, Inc.

Date: 6/1/2010

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

John Kobza, Ph.D.  
Laboratory Director

Page 1 of 3

John C. Seher  
Special Consultant  
Quality Assurance Manager

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Phone (775) 857-2400  
FAX (775) 857-2404  
sem@sem-analytical.com
## Analysis Report

### Sample ID: S201005-1541

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
<th>Result</th>
<th>Units</th>
<th>Reporting Limit</th>
<th>Analyst</th>
<th>Date Analyzed</th>
<th>Data Flag</th>
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</thead>
<tbody>
<tr>
<td>Nitrile-N - Ion Chromatography</td>
<td>EPA 300.0</td>
<td>&lt;0.5</td>
<td>mg/L N</td>
<td>0.5</td>
<td>Faulstich</td>
<td>5/28/2010</td>
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</tr>
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<td>Nitrite-N - Ion Chromatography</td>
<td>EPA 300.0</td>
<td>&lt;0.5</td>
<td>mg/L N</td>
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**Date Sampled:** 5/26/2010  
**Time Sampled:** 3:25 PM  
**Date Received:** 5/28/2010

### Sample ID: S201005-1542

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<tbody>
<tr>
<td>Nitrile-N - Ion Chromatography</td>
<td>EPA 300.0</td>
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<td>mg/L N</td>
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<td>5/28/2010</td>
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<tr>
<td>Nitrite-N - Ion Chromatography</td>
<td>EPA 300.0</td>
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<td>mg/L N</td>
<td>0.5</td>
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**Date Sampled:** 5/26/2010  
**Time Sampled:** 3:45 PM  
**Date Received:** 5/28/2010

### Sample ID: S201005-1543

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</thead>
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<tr>
<td>Nitrile-N - Ion Chromatography</td>
<td>EPA 300.0</td>
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<td>mg/L N</td>
<td>0.5</td>
<td>Faulstich</td>
<td>5/28/2010</td>
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</tr>
<tr>
<td>Nitrite-N - Ion Chromatography</td>
<td>EPA 300.0</td>
<td>&lt;0.5</td>
<td>mg/L N</td>
<td>0.5</td>
<td>Faulstich</td>
<td>5/28/2010</td>
<td></td>
</tr>
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**Date Sampled:** 5/26/2010  
**Time Sampled:** 4:10 PM  
**Date Received:** 5/28/2010

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**Data Flag Legend:**
## Quality Control Report

<table>
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<tr>
<th>Parameter</th>
<th>LCS, % Recovery</th>
<th>MS, % Recovery</th>
<th>MSD, % Recovery</th>
<th>RPD, %</th>
<th>Method Blank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrate-N - Ion Chromatography</td>
<td>97.0</td>
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<td>1.92</td>
<td>&lt;0.05 mg/L</td>
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<tr>
<td>Nitrite-N - Ion Chromatography</td>
<td>105.0</td>
<td>111.0</td>
<td>113.0</td>
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<td>&lt;0.05 mg/L</td>
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</tbody>
</table>

**Legend:**
- LCS - Laboratory Control Standard
- RPD - Relative Percent Difference
- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Company</th>
<th>Print Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/31/12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks**

- Standard
- Other

**Number of Containers**

- 3
- 2
- 4
- 2
- 4

**Preservatives**

- GMW3
- GMW2
- GMW1
- Other

**Sample Identification**

- 2855 Detect
- AVE, #400
- Project: #040-00-93705
- Report Location: 135 Financial Boulevar, Reno, NV 89504
- Project Manager: Steve Z
- Phone: (702) 957-2400 Fax: (702) 957-3563 E-mail: sierra@sierra-environmental.com

**Address**

- 135 Financial Boulevard, Reno, NV 89504

**Company**

- Sierra Environmental Monitoring, Inc.

**Chain of Custody Record**

- 15591
- 2-1632-10