

6390 Joyce Drive  
# 100  
Golden, CO 80403

Phone 303-940-0033  
Fax 866-283-0269  
[www.phenova.com](http://www.phenova.com)

August 29, 2016

Ms. Kelley Keenan  
Environmental Testing Solutions, Inc.  
351 Depot Street  
Asheville, NC 28801  
USA

Dear Kelley,

Thank you for participating in the R16573 Rapid Return™ Proficiency Testing Study. Enclosed is your final report, which has been carefully reviewed by the PT specialists at Phenova. A final report for your laboratory has been sent to all accrediting agencies you requested at the time of your data submittal.

Thank you again for participating in the R16573 Rapid Return™ Proficiency Testing Study. We appreciate working with you and look forward to our next study. If you have any questions, please call us at 866-942-2978.

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### **Report Definitions:**

#### ***Assigned Value***

The Assigned Value is determined from the study mean, gravimetric and volumetric true concentration of an analyte to be analyzed, calculation and/or an appropriate reference value as stipulated in the EPA National Standards for Water Proficiency Testing Studies Criteria Document (current version), the National Environmental Laboratory Accreditation Conference (NELAC) criteria (ref: NELAC FOT tables, NELAC PT Committee) and other documents distributed by accrediting agencies as applicable.

#### ***Evaluation Limits***

Acceptance Limits are derived from fixed limits, coefficients, constants and calculations stipulated in the EPA National Standards for Water Proficiency Testing Studies Criteria Documents (current version), the National Environmental Laboratory Accreditation Conference (NELAC) criteria (ref: NELAC PT FOT tables, NELAC PT Committee) and other documents distributed by accrediting agencies as applicable.

#### ***Evaluation***

##### *Acceptable*

The reported value falls within the Acceptance Limits.

##### *Not Acceptable*

The reported value falls outside the Acceptance Limits.

##### *No Evaluation*

The reported value is non-numeric and can not be evaluated.

##### *NR*

As required by the NELAC standards and requested by state authorities, any analyte purchased but not reported by your facility is listed as NR (Not Reported).



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State Regulatory Agency Request(s):

Phenova has been authorized to send a copy of your R16573 final results to the following state agencies:

NC

Other Regulatory Agency Request(s):

No requests were made to send a copy of your R16573 final results to an agency.

Third Party Request(s):

No requests were made to send a copy of your R16573 final results to a third party.

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## Final Report - Rapid Return<sup>TM</sup>

### Study: R16573

**Opening Date: July 19, 2016 - Closing Date: August 26, 2016**

Laboratory: Environmental Testing Solutions, Inc.  
351 Depot Street  
Asheville, NC 28801  
USA

Contact: Ms. Kelley Keenan  
828-350-9364

EPA Lab ID: NC01230

| Anions 1 (RR-AN1-WS) |              |               |         |             |   |       |                |        |                   | Lot #: R16573-08 |
|----------------------|--------------|---------------|---------|-------------|---|-------|----------------|--------|-------------------|------------------|
| NELAC Code           | Analyte      | Analysis Date | Analyst | Method Code | Method Description                                      | Units | Assigned Value | Result | Acceptance Limits | Evaluation       |
| 1810                 | Nitrate as N | 8/4/2016      | KEK     | 20113808    | SM 4500-NO <sub>3</sub> <sup>-</sup> D Rev.21st ED 2005 | mg/L  | 7.15           | 6.85   | 6.43 - 7.86       | Acceptable       |