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7440 Lincoln Way  
Garden Grove, CA 92841-1427

**DMR-QA**  
**579**



***Final Report***

## **DMR-QA Proficiency Testing**

**DMR-QA Study**

**Open Date: 07/16/10**

**Close Date: 07/30/10**

**Report Issued Date: 08/05/10**

August 5, 2010

Larry Lem  
Calscience Environmental Laboratories  
7440 Lincoln Way  
Garden Grove, CA 92841-1427

Enclosed is your final report for ERA's DMR-QA 579 Proficiency Testing study. Your final report includes an evaluation of every result submitted by your facility to ERA. If there are any discrepancies between your final report and what your facility reported to your permit holders please contact your permit holders. To the best of ERA's ability we have attempted to resolve any data reporting discrepancies.

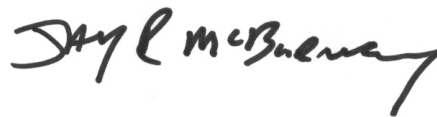
If you have any "Not Acceptable" evaluations for the DMR-QA 579 study, and these results have been reported by your permittees, a letter of corrective action and order form are attached for your convenience. If you have a "Not Acceptable" evaluation, but no letter of corrective action or order form, ERA recommends that you contact your permittees for the corrective action requirements that their state or regional DMR-QA Coordinator may require.

Thank you for your participation in ERA's DMR-QA 579 Proficiency Testing study. If you have any questions, please contact myself or Curtis Wood, Director of Regulatory Affairs and Business Development, at 1-800-372-0122.

Sincerely,



Shawn Kassner  
Proficiency Testing Manager



Jay R. McBurney  
Quality Program Manager

attachments  
smk

<b>Report Recipient</b>	<b>Contact/Phone Number</b>	<b>Reporting Type</b>
Washington	Connie Schreiber / 360-895-6145	All Analytes
MBC Applied Environmental Laboratories	Michael Mancuso / 714-850-4830	All Analytes

# DMRQA-579 Definitions & Study Discussion

Study Dates: 07/16/10 - 07/30/10

Report Issued: 08/05/10

## DMRQA Study Definitions

The Reported Value is the value that the laboratory reported to ERA.

The ERA Assigned Values are compliant with the most current USEPA/NELAC FoPT tables. A parameter not added to the standard is given an Assigned Value of "0" per the guidelines contained in the USEPA's Criteria Document and NELAC standards.

The Acceptance Limits are established per the criteria contained in the most current USEPA/NELAC FoPT tables, or ERA's SOP for the Generation of Performance Acceptance Limits™ as applicable.

The Performance Evaluation:

- Acceptable = Reported Value falls within the Acceptance Limits.
- Not Acceptable = Reported Value falls outside the Acceptance Limits.
- No Evaluation = Reported Value cannot be evaluated.
- Not Reported = No Value reported.

The Method Description is the method the laboratory reported to ERA.

## DMRQA Study Discussion

ERA's DMR-QA 579 Proficiency Testing study has been reviewed by ERA senior management and certified compliant with the requirements of the USEPA's National Standards for Water Proficiency Testing Studies Criteria Document (December 1998), and the criteria contained in the most current NELAC FoPT tables.

ERA's DMR-QA 579 study standards were examined for any anomalies. A full review of all homogeneity, stability and accuracy verification data was completed. All analytical verification data for all analytes met the acceptance criteria contained in the USEPA's National Criteria Document for Water Proficiency Testing Studies, December 1998, and the criteria contained in the most current NELAC FoPT tables.

The data submitted by participating laboratories was also examined for study anomalies. There were no anomalies observed during the statistical review of the data.

ERA's DMR-QA 579 study reports shall not be reproduced except in their entirety and not without the permission of the participating laboratories. The report must not be used by the participating laboratories to claim product endorsement by any agency of the U. S. government.

The data contained herein are confidential and intended for your use only.

If you have any questions or concerns regarding your assessment in ERA's DMRQA Proficiency Testing program, please contact Shawn Kassner, Proficiency Testing Manager, or Curtis Wood, Director of Regulatory Affairs and Business Development, at 1-800-372-0122.



Study: **DMR-QA 579**

ERA Customer Number: **C052701**

Laboratory Name: **Calscience  
Environmental  
Laboratories**

## Inorganic Results



# DMR-QA 579 Final Complete Report

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 (714) 895-5494

EPA ID: CA00111  
 ERA Customer Number: C052701  
 Report Issued: 08/05/10  
 Study Dates: 07/16/10 - 07/30/10

Anal. No.	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description
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**DMRQA Complex Nutrients (cat# 579)**

0034	Total Kjeldahl Nitrogen	mg/L	13.9	14.0	9.28 - 18.1	Acceptable	SM4500N Org B
0035	Total phosphorus as P	mg/L		2.22	1.78 - 2.71	Not Reported	

**DMRQA Complex Nutrients (cat# 579)**

0034	Total Kjeldahl Nitrogen	mg/L	13.9	14.0	9.28 - 18.1	Acceptable	EPA 351.3
0035	Total phosphorus as P	mg/L		2.22	1.78 - 2.71	Not Reported	

**DMRQA Complex Nutrients (cat# 579)**

0034	Total Kjeldahl Nitrogen	mg/L	13.8	14.0	9.28 - 18.1	Acceptable	EPA 351.2
0035	Total phosphorus as P	mg/L		2.22	1.78 - 2.71	Not Reported	

