

Lawrence Lem
CalScience Environmental Laboratories
7440 Lincoln Way
Garden Grove, CA 92841-1427

WP-155  **Final Report**

WatR™ Pollution Proficiency Testing

WatR™ Pollution Study

Open Date: 12/10/07

Close Date: 01/24/08

Report Issued Date: 02/08/08

February 8, 2008

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

Enclosed is your final report for ERA's WP-155 WatR™Pollution Proficiency Testing (PT) study. Your final report includes an evaluation of all results submitted by your laboratory to ERA.

Data Evaluation Protocols: All analytes in ERA's WP-155 WatR™Pollution Proficiency Testing study have been evaluated using the following tiered approach. If the analyte is listed in the most current National Environmental Laboratory Accreditation Conference (NELAC) PT Field of Testing tables, the evaluation was completed by comparing the reported result to the acceptance limits generated using the criteria contained in the NELAC FoPT tables. If the analyte is not included in the NELAC FoPT tables, the reported result has been evaluated using the procedures outlined in ERA's Standard Operating Procedure for the Generation of Performance Acceptance Limits (SOP 0260).

Corrective Action Help: As part of your accreditation(s), you may be required to identify the root cause of any "Not Acceptable" results, implement the necessary corrective actions, and then satisfy your PT requirements by participating in a Supplemental (Quik™ Response) or future ERA PT study. ERA's technical staff is available to help your laboratory resolve any technical issues that may be impairing your PT performance and possibly affecting your routine data quality. Our laboratory and technical staff have well over three hundred years of collective experience in performing the full range of environmental analyses. As part of our technical support, ERA offers QC samples that can be helpful in helping you work through your technical issues.

Thank you for your participation in ERA's WP-155 WatR™Pollution Proficiency Testing study. If you have any questions, please contact myself, or Curtis Wood, Quality Assurance Director, at 1-800-372-0122.

Sincerely,



Shawn Kassner
Proficiency Testing Manager



Curtis J. Wood
Quality Assurance Director

attachments
smk

Report Recipient	Contact/Phone Number	Reporting Type
California	Fred Choske / 510-620-3175	All Analytes
EPA Region 9	Andrew Lincoff / 510-412-2330	All Analytes
Nevada	Sarah Smith / 775-687-9491	All Analytes
Naval Facilities Engineering Service Center	Ms. Pati Moreno, ER QA Program Coordinator / 805-982-1659	All Analytes

WP-155 Definitions & Study Discussion

Study Dates: 12/10/07 - 01/24/08

Report Issued: 02/08/08

WP 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.

WP Study Discussion

ERA's WP-155 WatR™Pollution 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 WP-155 WatR™Pollution 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 WP-155 WatR™Pollution 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.

If you have any questions regarding ERA's WatR™Pollution Proficiency Testing program, please contact Shawn Kassner, Proficiency Testing Manager, or Curtis Wood, Quality Assurance Director, at 1-800-372-0122.



Study: **WP-155**

ERA Customer Number: **C052701**

Laboratory Name: **Calscience
Environmental
Laboratories**

Inorganic Results



WP-155 Final Complete Report

Lawrence Lem
QA Manager
Calscience Environmental Laboratories
7440 Lincoln Way
Garden Grove, CA 92841-1427
714-895-5494

EPA ID: CA00111
ERA Customer Number: C052701
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Anal. No.	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description
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WP Complex Nutrients

0034	Total Kjeldahl Nitrogen	mg/L	11.6	11.7	7.77 - 15.2	Acceptable	EPA 351.3
0035	Total phosphorus as P	mg/L		9.29	7.69 - 11.0	Not Reported	

WP Complex Nutrients

0034	Total Kjeldahl Nitrogen	mg/L	11.6	11.7	7.77 - 15.2	Acceptable	SM 4500 N Org B
0035	Total phosphorus as P	mg/L		9.29	7.69 - 11.0	Not Reported	

