

6390 Joyce Drive
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Golden, CO 80403

Phone 303-940-0033
Fax 866-283-0269
www.phenova.com

August 4, 2017

Mrs. Marcy Bolek
Alloway - Mansfield
1502 W. Fourth Street
Mansfield, OH 44906
USA

Dear Marcy,

Thank you for participating in the DMRQA37-CHEM DMRQA PT Study. Enclosed is your final report, which has been carefully reviewed by the PT specialists at Phenova.

For any analyte falling outside the established acceptance limits, our PT management staff would like to assist you in determining the most appropriate course of corrective action for your facility. Please contact us at any time if we may be of service to you. A final report for your laboratory will be sent to all accrediting agencies you requested at the time of data submittal.

Thank you again for participating in the DMRQA37-CHEM DMRQA PT Study. We appreciate working with you and look forward to our next study. If you have any questions, please call us at 303-940-0033.



Report Definitions:

NELAC Experimental Analytes

NELAC Experimental Analytes must be run twice a year. Due to the experimental nature of the acceptance limits, accreditation status is not based on the evaluation received.

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

- | | |
|-----------------------|--|
| <i>Acceptable</i> | The reported value falls within the Acceptance Limits. |
| <i>Not Acceptable</i> | The reported value falls outside the Acceptance Limits. |
| <i>No Evaluation</i> | The reported value is non-numeric and can not be evaluated. |
| <i>NR</i> | 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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Final Report - DMRQA PT

Study: DMRQA37-CHEM

Opening Date: March 24, 2017 - Closing Date: July 7, 2017

Facility: Alloway - Mansfield
1502 W. Fourth Street
Mansfield, OH 44906
USA

Contact: Mrs. Marcy Bolek
800-436-1243
EPA Lab ID: OH00936
NPDES Permit ID:

Specific Conductance (PT-COND-DMRQA) Lot #: 8535-72

NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Warning Limits	Acceptance Limits	Evaluation
1610	Specific Conductance (25°C)		SM 2510B	µmhos/cm	1100	1016		990 - 1210	Acceptable

Residual Chlorine (PT-CL-DMRQA) Lot #: 8535-13

NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Warning Limits	Acceptance Limits	Evaluation
1940	Total Residual Chlorine		SM 4500 Cl G	mg/L	1.66	1.36	1.35 - 1.83	1.22 - 1.95	Acceptable

pH (PT-PH-DMRQA) Lot #: 8535-15

NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Warning Limits	Acceptance Limits	Evaluation
1900	pH		SM 4500 H+	S.U.	7.03	6.99		6.83 - 7.23	Acceptable

Micro (Fecal, E. Coli & Total) (PT-MIC-DMRQA) Lot #: 8537-12

NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Warning Limits	Acceptance Limits	Evaluation
2530	Fecal Coliform, MF		SM 9222D	CFU/100 mL	665	820		220 - 2010	Acceptable
2525	E. Coli, MF			CFU/100 mL	1030			535 - 1980	NR
2530	Fecal Coliform, MPN		SM 9223B	MPN/100 mL	852	742		498 - 1460	Acceptable
2500	Total Coliform, MPN			MPN/100 mL	1010			583 - 1760	NR
2525	E. Coli, MPN		SM 9223B	MPN/100 mL	1060	1076		526 - 2120	Acceptable