

6390 Joyce Drive  
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Golden, CO 80403

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

September 24, 2021

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

Dear Marcy,

Thank you for participating in the DMRQA41-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 DMRQA41-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***

*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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## Final Report - DMRQA PT

### Study: DMRQA41-Chem

Opening Date: April 23, 2021 - Closing Date: August 27, 2021

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 #: 8550-72

NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Warning Limits	Acceptance Limits	Evaluation
1610	Specific Conductance (25°C)		SM2510B-11	µmhos/cm	818	763		736 - 900	Acceptable

### Residual Chlorine (PT-CL-DMRQA) Lot #: 8550-13

NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Warning Limits	Acceptance Limits	Evaluation
1940	Total Residual Chlorine		SM4500-Cl G-11	mg/L	2.21	2.02	1.78 - 2.43	1.63 - 2.58	Acceptable

### pH (PT-PH-DMRQA) Lot #: 8550-15

NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Warning Limits	Acceptance Limits	Evaluation
1900	pH		SM4500-H B-11	S.U.	8.25	8.12		8.05 - 8.45	Acceptable

### Micro (Fecal, E. Coli & Total) (PT-MIC-DMRQA) Lot #: 8550-12

NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Warning Limits	Acceptance Limits	Evaluation
2530	Fecal Coliform, MF			CFU/100 mL	505			206 - 1240	NR
2500	Total Coliform, MF			CFU/100 mL	806			337 - 1930	NR
2525	E. Coli, MF			CFU/100 mL	428			46 - 3970	NR
2530	Fecal Coliform, MPN		SM9223 B-04	MPN/100 mL	622	728		131 - 2950	Acceptable
2500	Total Coliform, MPN		SM9223 B-04	MPN/100 mL	684	816		263 - 1780	Acceptable
2525	E. Coli, MPN		SM9223 B-04	MPN/100 mL	716	816		368 - 1390	Acceptable