

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 - Lima
1101 N. Cole Street
Lima, OH 45805
United States

Dear Marcy,

Thank you for participating in the DMRQA37-WET 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-WET 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.

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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

<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-WET

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

Facility: Alloway - Lima
1101 N. Cole Street
Lima, OH 45805
UNITED STATES

Contact: Mrs. Marcy Bolek
800-436-1243
EPA Lab ID: OH00202
NPDES Permit ID:

Fathead Minnow Method 13 (PT-13-WET)								Lot #: 8536-13
NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Acceptance Limits	Evaluation
3410	Fathead Minnow Acute MHSF 25° - LC50		EPA 2000	S.U.	33.2	31.1	15.6 - 50.8	Acceptable
Fathead Minnow Method 15 (PT-15-WET)								Lot #: 8536-15
NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Acceptance Limits	Evaluation
3410	Fathead Minnow Chronic MHSF - Survival NOEC		EPA 1000	S.U.	50	50.0	25 - 100	Acceptable
3410	Fathead Minnow Chronic MHSF - Growth IC25 (ON)		EPA 1000	S.U.	52.3	47.3	29.1 - 75.6	Acceptable
3410	Fathead Minnow Chronic MHSF - Growth NOEC (ON)		EPA 1000	S.U.	50	25.0	12.5 - 100	Acceptable
Ceriodaphnia Method 19 (PT-19-WET)								Lot #: 8536-19
NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Acceptance Limits	Evaluation
3315	Ceriodaphnia Acute MHSF 25° - LC50		EPA 2002	S.U.	66.2	30.8	11.7 - >100	Acceptable
Ceriodaphnia Method 21 (PT-21-WET)								Lot #: 8536-21
NELAC Code	Analyte	Method Code	Method Description	Units	Assigned Value	Result	Acceptance Limits	Evaluation
3315	Ceriodaphnia Chronic MHSF - Survival NOEC		EPA 1002	S.U.	50	50.0	25 - 100	Acceptable
3315	Ceriodaphnia Chronic MHSF - Reproduction IC25		EPA 1002	S.U.	32.2	31.1	<6.25 - 64.0	Acceptable
3315	Ceriodaphnia Chronic MHSF - Reproduction NOEC		EPA 1002	S.U.	25	25.0	6.25 - 50	Acceptable