

Serialized: 05/05/2017 07:20pm QC21

TIM MCKEEVER
HARMONY TOWNSHIP BOARD OF EDUCATION
2551 BELVIDERE ROAD
PHILLIPSBURG, NJ 08865

Regarding:

HARMONY TOWNSHIP BOARD OF EDUCATION
2551 BELVIDERE ROAD
PHILLIPSBURG, NJ 08865

PROJECT ID:

M00461 LEAD

LABORATORY REPORT NUMBER:

L6770218



Authorized by: Raphael C. Fratti, Laboratory Director

**HARMONY TOWNSHIP BOARD OF EDUCATION
M00461 LEAD**

P.O. No:
Inv. No: 1867399 PI
PWSID:

TIM MCKEEVER
HARMONY TOWNSHIP BOARD OF EDUCATION
2551 BELVIDERE ROAD
PHILLIPSBURG, NJ 08865

Regarding:
TIM MCKEEVER
HARMONY TOWNSHIP BOARD OF EDUCATION
2551 BELVIDERE ROAD
PHILLIPSBURG, NJ 08865

SAMPLE SUMMARY

Lab ID	Collected	Received	Matrix	Client ID
L6770218-1	04/20/17 09:50	04/20/17 12:56	WATER	ELEMENTARY SCHOOL, K3BFL
L6770218-2	04/20/17 09:50	04/20/17 12:56	WATER	K3BFR
L6770218-3	04/20/17 09:51	04/20/17 12:56	WATER	KDWF
L6770218-4	04/20/17 09:57	04/20/17 12:56	WATER	UR3GWFC
L6770218-5	04/20/17 09:57	04/20/17 12:56	WATER	UR3BWFC
L6770218-6	04/20/17 10:01	04/20/17 12:56	WATER	RM15SF
L6770218-7	04/20/17 10:04	04/20/17 12:56	WATER	RM16WF
L6770218-8	04/20/17 10:06	04/20/17 12:56	WATER	RM18WF
L6770218-9	04/20/17 10:07	04/20/17 12:56	WATER	RM100SF
L6770218-10	04/20/17 10:09	04/20/17 12:56	WATER	NURSESF
L6770218-11	04/20/17 10:06	04/20/17 12:56	WATER	UR7WFC
L6770218-12	04/20/17 10:12	04/20/17 12:56	WATER	UR9MWFC
L6770218-13	04/20/17 10:12	04/20/17 12:56	WATER	UR9WWFC
L6770218-14	04/20/17 10:16	04/20/17 12:56	WATER	27AWF
L6770218-15	04/20/17 10:20	04/20/17 12:56	WATER	BLANK
L6770218-16	04/20/17 10:20	04/20/17 12:56	WATER	RM13SF

Sample Comments | Result Qualifiers:

Sample Description: ELEMENTARY SCHOOL, K3BFL

Sample Number: L6770218-1

Matrix: WATER

Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 09:50am NA C

Sampled by: Ann Smith, Eurofins Lancaster

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)

LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: K3BFR
Sample Number: L6770218-2
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 09:50am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: KDWF
Sample Number: L6770218-3
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 09:51am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: UR3GWFC
Sample Number: L6770218-4
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 09:57am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: UR3BWFC
Sample Number: L6770218-5
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 09:57am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: RM15SF
Sample Number: L6770218-6
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:01am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: RM16WF
Sample Number: L6770218-7
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:04am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: RM18WF
Sample Number: L6770218-8
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:06am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: RM100SF
Sample Number: L6770218-9
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:07am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: NURSESF
Sample Number: L6770218-10
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:09am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: UR7WFC
Sample Number: L6770218-11
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:06am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: UR9MWFC
Sample Number: L6770218-12
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:12am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: UR9WWFC
Sample Number: L6770218-13
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:12am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: 27AWF
Sample Number: L6770218-14
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:16am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: BLANK
Sample Number: L6770218-15
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:20am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884

Sample Description: RM13SF
Sample Number: L6770218-16
Matrix: WATER
Received Temp: N/A

Samp. Date/Time/Temp: 04/20/17 10:20am NA C
Sampled by: Ann Smith, Eurofins Lancaster

Sample Comments | Result Qualifiers:

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD



*=This limit was used in the evaluation of the final result.

PIN: 69671

Serial Number: 6272884



QC

CHAIN OF CUSTODY

Page 1 of 2

Lab LIMS No: 66770218

MATRIX CODES

702 Electronic Drive Phone: 215-355-3900
 Horsham, PA 19044-0962 Fax: 215-355-7231

Client/Acct. No. M00461
 Address Hampton Twp BOE
 2551 Belvidere Rd
 City/State/Zip Phillipsburg, NJ 08865
 Phone/Fax 908 859 1001
 Client Contact: Tim McKeever

Sampling Site Address (If different) Include State

Elementary School

P.O. No.

PWSID #:

Quote # 029917

e-mail:

LAB USE ONLY:

Ascorbic/HCL Vials # HCL Vials

Na₂S₂O₃

Na OH/Zn acetate pH

HNO₃ pH# H₂SO₄ pH

NaOH pH

10 Unpreserved 2/20/17

HCL # NH₄Cl # MeOH

DI Water

DW: DRINKING WATER

GW: GROUND WATER

WW: WASTEWATER

SO: SOIL

SL: SLUDGE

OIL: OIL

SOL: NON SOIL SOLID

MI: MISCELLANEOUS

X: OTHER

ANALYSIS REQUESTED

Field pH, Temp (°C),
DO, Cl₂, Cond. etc.

PROJECT	Collection		G R A B	C O M P	Matrix Code	Number of Containers										
	Date	Military Time				Total	H 2 S O 4	H C l	V i a l s	H N O 3	N a O H	Z n A c	U N P R E	B A C T		
FIELD ID																
K3BFL	4/20/17	950	X		DW	1							X			Pb
K36FR		956														
KDWF		951														
UR3GWFC		957														
UR3BWFC		957														
RM155F		1001														
RM16WF		1004														
RM18WF		1006														
RM1005F		1007														
NURSES F		1009														

SAMPLED BY: (Name/Company)

Ann Smith
Eurofins QCTAT: ☒ STANDARD (10 DAY)

or DUE DATE

Report Format: ☒ Standard ☐ NJ-RDD ☐ SRP-RDD☐ Standard + QC ☐ Forms ☐ EDD

Field Parameters Analyzed By:

Initials

Date/Time:

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, I.E. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME	DELIVERY: <input type="checkbox"/> EQC COURIER <input type="checkbox"/> CLIENT	Custody Seal Number
1. Ann Smith	4/20/17	1256	1. Tim Donaherty	4/20/17	1256	<input type="checkbox"/> UPS <input type="checkbox"/> FEDEX <input type="checkbox"/> OTHER	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME		
2.			2.				
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME		
3.			3.				
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME		
4.			4.				
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME		
5.			5.				

Rec'd Temp.: _____ Initials: ① Ice Y N Location: ①

COMMENTS:

Hazardous: yes / no

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Eurofins QC Laboratories
1205 Industrial Blvd.
P.O. Box 514
Southampton, PA 18966-0514

Report Date: May 03, 2017

Project: L6770218

Submittal Date: 04/20/2017

Group Number: 1792158

PO Number: L6770218

State of Sample Origin: NJ

Client Sample Description

L6770218-1 Grab Potable Water
L6770218-2 Grab Potable Water
L6770218-3 Grab Potable Water
L6770218-4 Grab Potable Water
L6770218-5 Grab Potable Water
L6770218-6 Grab Potable Water
L6770218-7 Grab Potable Water
L6770218-8 Grab Potable Water
L6770218-9 Grab Potable Water
L6770218-10 Grab Potable Water
L6770218-11 Grab Potable Water
L6770218-12 Grab Potable Water
L6770218-13 Grab Potable Water
L6770218-14 Grab Potable Water
L6770218-15 Grab Potable Water
L6770218-16 Grab Potable Water

Lancaster Labs

(LL) #

8952677
8952678
8952679
8952680
8952681
8952682
8952683
8952684
8952685
8952686
8952687
8952688
8952689
8952690
8952691
8952692

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our current scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>. To request copies of prior scopes of accreditation, contact your project manager.

Electronic Copy To Eurofins QC Laboratories

Attn: Nicki Smith

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

Project Name: L6770218
LL Group #: 1792158

General Comments:

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

No additional comments are necessary.

Sample Description: L6770218-1 Grab Potable Water
ELEMENTARY SCHOOL, K3BFL

LL Sample # NR 8952677
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 09:50 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 7.19	ug/l 0.0744	ug/l 1.01	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171160605109A	05/01/2017 08:36	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171160605109	04/28/2017 20:15	JoElla L Rice	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-2 Grab Potable Water
K3BFR

LL Sample # NR 8952678
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 09:50 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 4.1	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:29	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-3 Grab Potable Water
KDWF

LL Sample # NR 8952679
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 09:51 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 46.4	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:36	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-4 Grab Potable Water
UR3GWFC

LL Sample # NR 8952680
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 09:57 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l N.D.	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:37	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-5 Grab Potable Water
UR3BWFC

LL Sample # NR 8952681
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 09:57 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l N.D.	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:41	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-6 Grab Potable Water
RM15SF

LL Sample # NR 8952682
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:01 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 3.3	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:42	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-7 Grab Potable Water
RM16WF

LL Sample # NR 8952683
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:04 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 1.8	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:43	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-8 Grab Potable Water
RM18WF

LL Sample # NR 8952684
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:06 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 1.3	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:44	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-9 Grab Potable Water
RM100SF

LL Sample # NR 8952685
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:07 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 18.7	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:46	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-10 Grab Potable Water
NURSESF

LL Sample # NR 8952686
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:09 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 4.1	ug/l 0.054	ug/l 1.0	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171170605101A	04/28/2017 06:47	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171170605101	04/28/2017 04:55	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-11 Grab Potable Water
UR7WFC

LL Sample # NR 8952687
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:06 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 2.17	ug/l 0.0542	ug/l 1.01	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171180605102A	05/01/2017 11:02	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171180605102	05/01/2017 06:20	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-12 Grab Potable Water
UR9MWFC

LL Sample # NR 8952688
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:12 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 0.0627 J	ug/l 0.0542	ug/l 1.01	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171180605102A	05/01/2017 11:08	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171180605102	05/01/2017 06:20	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-13 Grab Potable Water
UR9WWFC

LL Sample # NR 8952689
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:12 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 0.0694 J	ug/l 0.0542	ug/l 1.01	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171180605102A	05/01/2017 11:09	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171180605102	05/01/2017 06:20	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-14 Grab Potable Water
27AWF

LL Sample # NR 8952690
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:16 by AS

Eurofins QC Laboratories
1205 Industrial Blvd.
P.O. Box 514
Southampton, PA 18966-0514

Submitted: 04/20/2017 18:00

Reported: 05/03/2017 10:03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 0.632 J	ug/l 0.0542	ug/l 1.01	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171180605102A	05/01/2017 11:10	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171180605102	05/01/2017 06:20	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-15 Grab Potable Water
Blank
BLANK

LL Sample # NR 8952691
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:20 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l N.D.	ug/l 0.0542	ug/l 1.01	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171180605102A	05/01/2017 11:14	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171180605102	05/01/2017 06:20	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: L6770218-16 Grab Potable Water
RM13SF

LL Sample # NR 8952692
LL Group # 1792158
Account # 24231

Project Name: L6770218

Collected: 04/20/2017 10:20 by AS

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 04/20/2017 18:00

P.O. Box 514

Reported: 05/03/2017 10:03

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals						
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 7.45	ug/l 0.0542	ug/l 1.01	1

Sample Comments

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4	1	171180605102A	05/01/2017 11:15	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171180605102	05/01/2017 06:20	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 05/03/2017 10:03

Group Number: 1792158

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: 171160605109A	Sample number(s): 8952677		
Lead	N.D.	0.0744	1.01
Batch number: 171170605101A	Sample number(s): 8952678-8952686		
Lead	N.D.	0.054	1.0
Batch number: 171180605102A	Sample number(s): 8952687-8952692		
Lead	N.D.	0.0542	1.01

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l					
Batch number: 171160605109A	Sample number(s): 8952677								
Lead	15	16.14			108		85-115		
Batch number: 171170605101A	Sample number(s): 8952678-8952686								
Lead	15	13.73			92		85-115		
Batch number: 171180605102A	Sample number(s): 8952687-8952692								
Lead	15	15.61			104		85-115		

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc	MS Spike Added	MS Conc	MSD Spike Added	MSD Conc	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l	ug/l					
Batch number: 171160605109A	Sample number(s): 8952677 UNSPK: P950016									
Lead	0.129	15.3	14.94			97		70-130		
Batch number: 171170605101A	Sample number(s): 8952678-8952686 UNSPK: 8952678									
Lead	4.06	15.3	17.21			86		70-130		

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 05/03/2017 10:03

Group Number: 1792158

MS/MSD (continued)

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 171180605102A Lead	Sample number(s): 8952687-8952692 2.17	15.3	17.81	UNSPK: 8952687		102		70-130		

Laboratory Duplicate

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	BKG Conc ug/l	DUP Conc ug/l	DUP RPD	DUP RPD Max
Batch number: 171160605109A Lead	Sample number(s): 8952677 BKG: P950016 0.129	0.114	12 (1)	20
Batch number: 171170605101A Lead	Sample number(s): 8952678-8952686 BKG: 8952678 4.06	4.01	1 (1)	20
Batch number: 171180605102A Lead	Sample number(s): 8952687-8952692 BKG: 8952687 2.17	2.17	0 (1)	20

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.



QC

702 Electronic Drive Phone: 215-355-3900
Horsham, PA 19044-0962 Fax: 215-355-7231

Client/Acct. No. M00461
Address Hammy Turp Bog
2551 Belvidere Rd
City/State/Zip Phillipsburg, NJ 08865
Phone/Fax 908 859 1001
Client Contact: Tim McCrever

CHAIN OF CUSTODY

Page 1 of 2

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

Elementary School

P.O. No.

PWSID #:

Quote # Q29917

e-mail:

Lab LIMS No:

LAB USE ONLY:

Ascorbic/HCL Vials # HCL Vials

Na₂S₂O₃

Na OH/Zn acetate pH

HNO₃ pH# H₂SO₄ pH

NaOH pH

10 Unpreserved Syphal

HCL # NH₄Cl # MeOH

DI Water

MATRIX CODES

DW: DRINKING WATER

GW: GROUND WATER

WW: WASTEWATER

SO: SOIL

SL: SLUDGE

OIL: OIL

SOL: NON SOIL SOLID

MI: MISCELLANEOUS

X: OTHER

ANALYSIS REQUESTED

Field pH, Temp (°C),
DO, Cl₂, Cond. etc.

LAB USE ONLY

PROJECT lead

Collection

Number of Containers

FIELD ID

Date

Military
TimeG
R
A
BC
O
M
PMatrix
Code

Total

H
2
S
O
4H
C
lV
i
a
l
sH
N
O
3N
a
O
HZ
n
A
cU
N
P
R
EB
A
C
T

K3BFL

4/20/17

950

X

DW

1

K3BFR

1

950

1

1

K0WF

1

951

1

1

UR3GWFC

1

957

1

1

UR3BWFC

1

957

1

1

RM155F

1

1001

1

1

RM16WF

1

1004

1

1

RM18WF

1

1006

1

1

RM1005F

1

1007

1

1



QC

702 Electronic Drive Phone: 215-355-3900
Horsham, PA 19044-0962 Fax: 215-355-7231

Client/Acct. No. MO0461
Address Hammy Trp BOE
2551 Belvidere Rd
City/State/Zip Phillipsburg NJ 08865
Phone/Fax 908 859 9001
Client Contact: Tim McKeever

CHAIN OF CUSTODY

Page 2 of 2

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

P.O. No.

PWSID #:

Quote # Q29917

e-mail:

Lab LIMS No:

LAB USE ONLY:

Ascorbic/HCL Vials # HCL Vials# Na₂S₂O₃# Na OH/Zn acetate pH# HNO₃ pH# H₂SO₄ pH# NaOH pH# 6 Unpreserved graph# HCL # NH₄Cl # MeOH# DI Water

MATRIX CODES

DW: DRINKING WATER

GW: GROUND WATER

WW: WASTEWATER

SO: SOIL

SL: SLUDGE

OIL: OIL

SOL: NON SOIL SOLID

MI: MISCELLANEOUS

X: OTHER

ANALYSIS REQUESTED

Field pH, Temp (°C),
DO, Cl₂, Cond. etc.

LAB USE ONLY

PROJECT

Local

Collection

Date

Military Time

G
R
A
BC
O
M
P

Matrix Code

Number of Containers

Total

H
2
S
O
4H
C
lV
i
a
l
sH
N
O
3N
a
O
HZ
n
A
cU
N
P
R
EB
A
C
T

FIELD ID

URJWFC4/20/17 1000XOW1XphUR9MWFC1012UR9WWFC101227AWF1016Blank1020Bm135F1020

SAMPLED BY: (Name/Company)

Ann Smith
Eurofins QC

TAT: ☒ STANDARD (10 DAY)or DUE DATE / / Report Format: ☒ Standard ☐ NJ-RDD ☐ SRP-RDD☐ Standard + QC ☐ Forms ☐ EDD

Field Parameters Analyzed By:

Initials

Date/Time:

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, I.E. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY SAMPLER

1. Ann Smith

DATE

TIME

RECEIVED BY

Ann Smith

DATE

TIME

4/20/171250DELIVERY: ☐ EQC COURIER ☐ CLIENT☐ UPS ☐ FEDEX ☐ OTHER

Custody Seal Number

RELINQUISHED BY

2.

DATE

TIME

RECEIVED BY

2.

DATE

TIME

RELINQUISHED BY

3.

DATE

TIME

RECEIVED BY

3.

DATE

TIME

RELINQUISHED BY

4.

DATE

TIME

RECEIVED BY

4.

DATE

TIME

RELINQUISHED BY

5.

DATE

TIME

RECEIVED BY

5.

DATE

TIME

4/20/171800Rec'd Temp.: Initials: ES Ice Y N Location:

COMMENTS:



Lancaster Laboratories
Environmental

Sample Administration
Receipt Documentation Log

Doc Log ID: 181402



Client: EQCL

Group Number(s): 1742158

Delivery and Receipt Information

Delivery Method:	<u>EQCL Drop Off</u>	Arrival Timestamp:	<u>04/20/2017 18:00</u>
Number of Packages:	<u>1</u>	Number of Projects:	<u>4</u>

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace \geq 6mm:	N/A
Samples Chilled:	No	Total Trip Blank Qty:	0
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Simon Nies (25112) at 19:12 on 04/20/2017

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	mg	milligram(s)
C	degrees Celsius	mL	milliliter(s)
cfu	colony forming units	MPN	Most Probable Number
CP Units	cobalt-chloroplatinate units	N.D.	none detected
F	degrees Fahrenheit	ng	nanogram(s)
g	gram(s)	NTU	nephelometric turbidity units
IU	International Units	pg/L	picogram/liter
kg	kilogram(s)	RL	Reporting Limit
L	liter(s)	TNTC	Too Numerous To Count
lb.	pound(s)	µg	microgram(s)
m3	cubic meter(s)	µL	microliter(s)
meq	milliequivalents	umhos/cm	micromhos/cm
<	less than		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Laboratory Data Qualifiers:

- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value \geq the Method Detection Limit (MDL or DL) and $<$ the Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column $>40\%$. The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column $>100\%$. The reporting limit is raised due to this disparity and evident interference...
- W - The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Additional Data Qualifiers

Qualifier	Definition
B	Detection in the Blank
Q0	LCS/LCSD Low
Q1	LCS/LCSD High
Q4	MS/MSD Out of Range
Q7	LCS/LCSD RPD
Q8	DUP RPD
Q9	MS/MSD RPD