

Serialized: 07/05/2018 05:06pmQC21

GARY GUARINO
TOWNSHIP OF HOPEWELL
201 WASHINGTON CROSSING-PENNINGTON ROAD
TITUSVILLE,NJ 08560-1410

Regarding:
JOSEPH LAKE, DIRECTOR OF FACILITIES
CAPITAL HEALTH MEDICAL CENTER - HOPEWELL
11 CAPITAL WAY
PENNINGTON, NJ 08534

PROJECT ID:

W01628 CAP HEALTH

LABORATORY REPORT NUMBER:

L7033223



Authorized by: Ronald T. Fazio, President

TOWNSHIP OF HOPEWELL
W01628 CAP HEALTH
CAPITAL HEALTH MEDICAL CENTER - HOPEWELL
P.O. No:
Inv. No: 1940932
PWSID:

JOSEPH LAKE, DIRECTOR OF FACILITIES
CAPITAL HEALTH MEDICAL CENTER - HOPEWELL
11 CAPITAL WAY
PENNINGTON, NJ 08534

Regarding:
JOSEPH LAKE, DIRECTOR OF FACILITIES
CAPITAL HEALTH MEDICAL CENTER - HOPEWELL
11 CAPITAL WAY
PENNINGTON, NJ 08534

SAMPLE SUMMARY

Lab ID	Collected	Received	Matrix	Client ID
L7033223-1	06/20/18 12:15	06/20/18 15:25	WATER	KITCHEN SINK

Sample Description: **KITCHEN SINK**
 Sample Number: **L7033223-1**
 Matrix: **WATER**
 Received Temp: **4.2 C**

Samp. Date/Time/Temp: **06/20/18 12:15pm NA C**
 Sampled by: **Suzanne E. Hughes, Eurofins QC, Inc.**
 Iced (Y/N): **Y**

ENVIRONMENTAL MICROBIOLOGY

Analytical Method: **SM 9223B** Run Date: **06/21/18 02:08PM** Workgroup:
 Dilution: **1** Analyst: **BHS** File ID: **WM_LOGBOOK_SAT 87886 L7033223-1**
 Units: Instrument: Basis:

Parameter	CAS	Result	MDL	RL*
Total Coliform, Coliort P/A	N/A	NEG	N/A	1
E. Coli, Coliort P/A	N/A	NEG	N/A	1

FIELD SERVICES

Analytical Method: **SM 2550B** Run Date: **06/20/18 12:15PM** Workgroup:
 Dilution: Analyst: **SEH** File ID:
 Units: **Deg. C** Instrument: Basis:

Parameter	CAS	Result	MDL	RL*
Field Temperature Celsius		23.7	N/A	0.5

Analytical Method: **SM 4500CL G** Run Date: **06/20/18 12:15PM** Workgroup:
 Dilution: **1** Analyst: **SEH** File ID:
 Units: **mg/l** Instrument: Basis:

Parameter	CAS	Result	MDL	RL*
Chlorine, residual	7782-50-5	0.66	N/A	0.02

Analytical Method: **SM 4500H+B** Run Date: **06/20/18 12:15PM** Workgroup:
 Dilution: **1** Analyst: **SEH** File ID:
 Units: **units** Instrument: Basis:

Parameter	CAS	Result	MDL	RL*
pH, field		8.0	N/A	0.010

Sample Comments | Result Qualifiers:

Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no Coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 col/100ml" or "NEG" for the Coliform Test. If your report indicates a positive result "POS" or a value of one (1) or greater, then your supply is "UNSAFE FOR DRINKING" contact your local Health Department.

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)

- ALKALINITY: to pH 4.5
- CALCIUM
- COPPER
- EPA METHOD 524.2 THMS ONLY
- LEAD
- TOTAL DISSOLVED SOLIDS

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

PIN: 85365

Serial Number: 6448238

Sample Description: **KITCHEN SINK**
Sample Number: **L7033223-1**
Matrix: **WATER**
Received Temp: **4.2 C**

Samp. Date/Time/Temp: **06/20/18 12:15pm NA C**
Sampled by: **Suzanne E. Hughes, Eurofins QC, Inc.**
Iced (Y/N): **Y**

FIELD SERVICES continued

Analytical Method: **SM 4500H+B**
Dilution: **1**
Units: **units**

Run Date: **06/20/18 12:15PM**
Analyst: **SEH**
Instrument:

Workgroup:
File ID:
Basis:

Parameter

CAS

Result

MDL

RL*



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

PIN: 85365

Serial Number: 6448238

DEFINITIONS

The following terms or abbreviations are used in this report:

Eurofins QC, LLC (EQC)

<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL
CFU	Colony Forming Unit
DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
DRY	Result was reported on a dry weight basis
MCL	EPA recommended "Maximum Contaminant Level"
MDL	Method Detection Limit
MF	Membrane Filtration
MPN	Most Probable Number
ND	For odor test: No Odor Observed
ND	For all other tests: Analyte concentration Not Detected greater than the RL / MDL

NEG	Negative / Absent
NTU	Nephelometric Turbidity Units
POS	Positive / Present
PPB (µg/L)	Parts per billion: equivalent to 1 microgram per kilogram (µg/Kg) for solids or one microgram per liter (µg/L) for aqueous samples
PPM (mg/L)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples
PRES	Presumptive
QUAL	Qualifier (Q)
RL	Laboratory Reporting Limit or Limit of Quantitation (LOQ)
TNTC	Too Numerous To Count
TON	Threshold Odor Number

Data Qualifiers

J	Estimated value ≥ MDL, but < RL
T	Temperature exceedance at receipt, refer to Sample Comments / Results Qualifiers section
E	Estimated CFU count (Microbiology)
Q	Qualifier defined in Sample Comment section on report

Warranties, Terms, and Conditions

- Unless otherwise indicated in the Parameter field, analyses for environmental microbiology, odor, and pharmaceutical microbiology are performed at the EQC Horsham Facility (702 Electronic Dr. Horsham, PA 19044).
- Analyses for Field Parameters are performed by EQC Field staff. Locations and certifications are identified on the Chain of Custody as follows:
 - "ERF" = field staff performs tests under NJ State certification # 02015.
 - "VL" = field staff performs tests under NJ State certification # 06005.
 - "WG" = field staff performs tests under NJ State certification # PA001.
- Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- Reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical Microbiology), and Bhavita Shah (Water Microbiology).

EQC Accreditations

Horsham Facility	<u>NELAP/State IDs-</u> PA: 46-05499	NJ: PA093	NY: 12080	MD: 357
East Rutherford Facility	<u>State ID-</u>	NJ: 02015		
New Castle Facility	<u>State IDs-</u>	DE: DE01101	MD: 138	
Vineland Facility	<u>State ID-</u>	NJ: 06005		
Wind Gap Facility	<u>State ID-</u>	NJ: PA001		

**ANALYSIS REPORT**

Prepared by:

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

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: July 02, 2018 22:17

Project: L7033223Account #: 26093
Group Number: 1957803
State of Sample Origin: NJ

To view our laboratory's current scopes of accreditation please go to <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/> . Historical copies may be requested through your project manager.

Electronic Copy To Eurofins QC Laboratories

Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

**SAMPLE INFORMATION**

<u>Client Sample Description</u>	<u>Sample Collection Date/Time</u>	<u>ELLE#</u>
L7033223-1 Drinking Water	06/20/2018 12:15	9671324

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

Project Name: L7033223
ELLE Group #: 1957803

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: L7033223-1 Drinking Water

Eurofins QC Laboratories
ELLE Sample #: PW 9671324
ELLE Group #: 1957803
Matrix: Drinking Water

Project Name: L7033223

Submittal Date/Time: 06/21/2018 02:00
Collection Date/Time: 06/20/2018 12:15

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	MCL	Dilution Factor
GC/MS Volatiles							
	EPA 524.2		ug/l	ug/l	ug/l	ug/l	
03648	Bromodichloromethane	75-27-4	13	0.1	0.5		1
03648	Bromoform	75-25-2	0.2 J	0.2	0.5		1
03648	Chloroform	67-66-3	55	1.0	5.0		10
03648	Dibromochloromethane	124-48-1	3.5	0.1	0.5		1
Metals							
	EPA 200.7 rev 4.4		mg/l	mg/l	mg/l	mg/l	
01750	Calcium	7440-70-2	27.2	0.0606	0.202		1
	EPA 200.8 rev 5.4		mg/l	mg/l	mg/l	mg/l	
06033	Copper	7440-50-8	0.0639	0.00015	0.0020	1.3	1
06035	Lead	7439-92-1	N.D.	0.000075	0.0010	.015	1
Wet Chemistry							
	SM 2320 B-2011		mg/l as CaCO3	mg/l as CaCO3	mg/l as CaCO3	mg/l as CaCO3	
12150	Total Alkalinity to pH 4.5	n.a.	47.1	1.7	5.0		1
	SM 2540 C-2011		mg/l	mg/l	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	200	26.2	78.6	500	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
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	K181801AA	06/30/2018 00:00	Don V Viray	1
03648	VOCs- 25ml Water by 524.2	EPA 524.2	1	K181831AA	07/02/2018 20:22	Don V Viray	10
01750	Calcium	EPA 200.7 rev 4.4	1	181730528102	06/26/2018 00:42	Jonathan J Allen	1
06033	Copper	EPA 200.8 rev 5.4	1	181730605104A	06/26/2018 07:56	Choon Y Tian	1
06035	Lead	EPA 200.8 rev 5.4	1	181730605104A	06/26/2018 07:56	Choon Y Tian	1
05281	ICP Undigested Prep	EPA 200.7 rev 4.4	1	181730528102	06/25/2018 17:45	Barbara A Kane	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	181730605104	06/25/2018 19:00	Barbara A Kane	1
12150	Total Alkalinity to pH 4.5	SM 2320 B-2011	1	18172002204A	06/22/2018 04:01	Jeremy L Bolf	1
00212	Total Dissolved Solids	SM 2540 C-2011	1	18177021201A	06/26/2018 14:36	Angelica Cintron	1

*=This limit was used in the evaluation of the final result
 Shaded result = The results or reporting limit exceeded the client-provided MCL.

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 07/02/2018 22:17

Group Number: 1957803

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 ug/l	MDL** ug/l	LOQ ug/l
Batch number: K181801AA	Sample number(s): 9671324		
Bromodichloromethane	N.D.	0.1	0.5
Bromoform	N.D.	0.2	0.5
Dibromochloromethane	N.D.	0.1	0.5
Batch number: K181831AA	Sample number(s): 9671324		
Chloroform	N.D.	0.1	0.5
	mg/l	mg/l	mg/l
Batch number: 181730528102	Sample number(s): 9671324		
Calcium	N.D.	0.0606	0.202
Batch number: 181730605104A	Sample number(s): 9671324		
Copper	N.D.	0.00015	0.0020
Lead	N.D.	0.000075	0.0010
Batch number: 18177021201A	Sample number(s): 9671324		
Total Dissolved Solids	N.D.	20.0	60.0
	mg/l as CaCO3	mg/l as CaCO3	mg/l as CaCO3
Batch number: 18172002204A	Sample number(s): 9671324		
Total Alkalinity to pH 4.5	N.D.	1.7	5.0

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: K181801AA	Sample number(s): 9671324								
Bromodichloromethane	5.00	5.08			102		70-130		
Bromoform	5.00	4.68			94		70-130		
Dibromochloromethane	5.00	5.18			104		70-130		
Batch number: K181831AA	Sample number(s): 9671324								
Chloroform	5.00	5.40			108		70-130		
	mg/l	mg/l	mg/l	mg/l					
Batch number: 181730528102	Sample number(s): 9671324								

*- 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.

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 07/02/2018 22:17

Group Number: 1957803

LCS/LCSD (continued)

Analysis Name	LCS Spike Added mg/l	LCS Conc mg/l	LCSD Spike Added mg/l	LCSD Conc mg/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Calcium	4.00	3.99			100		85-115		
Batch number: 181730605104A	Sample number(s): 9671324								
Copper	0.0500	0.0497			99		85-115		
Lead	0.0150	0.0141			94		85-115		
	mg/l	mg/l	mg/l	mg/l					
Batch number: 18177021201A	Sample number(s): 9671324								
Total Dissolved Solids	200	207			104		62-127		
	mg/l as CaCO3	mg/l as CaCO3	mg/l as CaCO3	mg/l as CaCO3					
Batch number: 18172002204A	Sample number(s): 9671324								
Total Alkalinity to pH 4.5	188	176.04			94		77-109		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 25ml Water by 524.2

Batch number: K181801AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
9671324	86	104
Blank	86	103
LCS	102	108
Limits:	80-120	80-120

*- 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.

EUROFINS QC, LLC
 702 Electronic Drive
 Horsham, PA 19044
 Contact: Nicki Smith x3360
 Phone: 215-355-3900
 FAX: 215-392-0626

Bill to:
 Horsham, PA 19044

EUROFINS QC, INC.
 LANCASTER (ELLE) CHAIN OF CUSTODY
 Jun 20 2018, 06:25 pm



26093-1957803-9671324

PWSID:

Sample ID	Analysis	Number of Containers						Sampled Date and Time	Tier
-----------	----------	----------------------	--	--	--	--	--	-----------------------	------

State: NJ	Total	H2SO4	HCl	AscAc	HNO3	NaOH	ZnAc	Unpre Bact	NaThio	Other
	5									

Analysis	07/03/18 WATER	07/03/18 WATER	07/03/18 WATER	07/03/18 WATER	07/03/18 WATER
524.2 THMS					
CA					
CU					
MO ALK					
PB					
TDS					

L7033223-1 KITCHEN SINK
 COMM: SEE L7042035-5 TB
 06/20/18 12:15 PM

Moisture? _____

E-Account Number: 26093 TOWNSHIP OF HOPEWELL CS REP: INACTIVE

Package Type:

Relinquished By	Date	Time
MG	6/20/18	1915

Received By	Date	Time
17	6/20/18	1915

Comments:

EQC
Eurofins QC, Inc
Schd: 54162
JOSEPH LAKE, DIRECTOR OF FACILITIES
CAPITAL HEALTH MEDICAL CENTER - HOPEWELL
11 CAPITAL WAY

Expected: MONDAY 06/04/18 - 06/30/18
Project Name: CAPITAL HEALTH MEDICAL CENTER - HOPEWELL
Start Date: 05/30/18
Stop Date:
Comments/Schedule Details:
SAMPLES MUST BE COLLECTED ON A MONDAY OR
THURSDAY ONLY, BETWEEN 9AM-4PM

PENNINGTON, NJ 08534
(609)303-4110

Route: 6 SUE HUGHES

PWSID:

26093-1957803-9671324

7033223-1 KITCHEN SINK
05-SAMP FLD, 524.2 THMS, CA, COLIE COLI P/A, CU, FLD TEMP C, HAA, METAL PREP, MO ALK, PB, PH
FLD, TDS



FIELD WORK CODE: 05-5-ADF

LAB USE ONLY *FRB*
Ascorbic/HCL Vials # HCL Vials
NA2S2O3
NaOH/Zn acetate pH
HNO3 pH *WATER*
H2SO4 pH
NaOH pH
Unpreserved *WATER*
HCL
NH4CL 2.50 *Asab*
MEOH
Na2SO3/HCL
DI Water

Field Tests By:

Free Cl2 mg/L	pH/Temp/C	BR2 mg/L	Total CL2 mg/L
0.66	8.0		23.7

Collection Time Total
(Milliars)

Collection
Date

P
S
E
C
O
P
H
C
O
P
C
O

X X

6-20-18 12:57

Cooler ID:

Sample Collected By	Circle One	Initials
<i>Sue Hughes</i>	<input checked="" type="radio"/> EQC	<i>SEH</i>

Relinquished By	Time	Date	Received By
<i>Sue Hughes</i>	1525	6-20-18	<i>[Signature]</i>
<i>[Signature]</i>	<i>0200</i>	<i>06/21/18</i>	<i>[Signature]</i>

Required TAT: Standard /Rush /# Days

Comments (reporting, methods, etc)

FRB SEH 062018

Hazardous Y/N



Client: EQC

A-26093

Delivery and Receipt Information

Delivery Method: EQCL Drop Off Arrival Timestamp: 06/21/2018 2:00
 Number of Packages: 1 Number of Projects: 9

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 ≥ 6mm:	No
Samples Chilled:	Yes	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 Nicole Reiff (25684) at 07:48 on 06/21/2018

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	1.4	DT	Wet	Y	Bagged	N

Explanation of Symbols and Abbreviations

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

BMQL	Below Minimum Quantitation Level	mL	milliliter(s)
C	degrees Celsius	MPN	Most Probable Number
cfu	colony forming units	N.D.	non-detect
CP Units	cobalt-chloroplatinate units	ng	nanogram(s)
F	degrees Fahrenheit	NTU	nephelometric turbidity units
g	gram(s)	pg/L	picogram/liter
IU	International Units	RL	Reporting Limit
kg	kilogram(s)	TNTC	Too Numerous To Count
L	liter(s)	µg	microgram(s)
lb.	pound(s)	µL	microliter(s)
m3	cubic meter(s)	umhos/cm	micromhos/cm
meq	milliequivalents	MCL	Maximum Contamination Limit
mg	milligram(s)		
<	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.		

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.

Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
K1	Initial Calibration Blank is above the QC limit and the sample result is ND
K2	Continuing Calibration Blank is above the QC limit and the sample result is ND
K3	Initial Calibration Verification is above the QC limit and the sample result is ND
K4	Continuing Calibration Verification is above the QC limit and the sample result is ND
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.
Z	Laboratory Defined - see analysis report
B	Detection in the Blank
Q0	LCS/LCSD Low
Q1	LCS/LCSD High
Q2	MS/MSD Low
Q3	MS/MSD High
Q7	LCS/LCSD RPD
Q8	DUP RPD
Q9	MS/MSD RPD

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.