

Serialized: 06/15/2017 07:20am QC35

TODD RADIMER
STILLWATER ELEMENTARY SCHOOL
PO BOX 12

STILLWATER, NJ 07875

Regarding:

STILLWATER ELEMENTARY SCHOOL
904 STILLWATER ROAD
STILLWATER, NJ 07875

PROJECT ID:

M00527 LEAD

LABORATORY REPORT NUMBER:

L6835422



Authorized by: Raphael C. Fratti, Laboratory Director

TODD RADIMER
STILLWATER ELEMENTARY SCHOOL
904 STILLWATER ROAD
STILLWATER, NJ 07875

Regarding:
TODD RADIMER
STILLWATER ELEMENTARY SCHOOL
904 STILLWATER ROAD
STILLWATER, NJ 07875

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample Comments | Result Qualifiers:

Sample ID	L6835422-1
Sample Description	SESA13W FLUSH
Samp. Date/Time/Temp	06/01/17 05:58am NA C
Sampled by	Ann Smith, Eurofins Lancaster
Received Date/Time	06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-2
Sample Description SESA17CRS FLUSH
Samp. Date/Time/Temp 06/01/17 06:00am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
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Sample Comments | Result Qualifiers:

Sample ID L6835422-2
Sample Description SESA17CRS FLUSH
Samp. Date/Time/Temp 06/01/17 06:00am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-3
Sample Description SESA23S FLUSH
Samp. Date/Time/Temp 06/01/17 06:04am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-3
Sample Description SESA23S FLUSH
Samp. Date/Time/Temp 06/01/17 06:04am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-4
Sample Description SESA23DW FLUSH
Samp. Date/Time/Temp 06/01/17 06:04am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
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Sample Comments | Result Qualifiers:

Sample ID L6835422-4
Sample Description SESA23DW FLUSH
Samp. Date/Time/Temp 06/01/17 06:04am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-5
Sample Description SESA20DW FLUSH
Samp. Date/Time/Temp 06/01/17 06:08am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
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Sample Comments | Result Qualifiers:

Sample ID L6835422-5
Sample Description SESA20DW FLUSH
Samp. Date/Time/Temp 06/01/17 06:08am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-6
Sample Description SESB10DW FLUSH
Samp. Date/Time/Temp 06/01/17 06:11am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-6
Sample Description SESB10DW FLUSH
Samp. Date/Time/Temp 06/01/17 06:11am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-7
Sample Description SESB10F FLUSH
Samp. Date/Time/Temp 06/01/17 06:13am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
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Sample Comments | Result Qualifiers:

Sample ID L6835422-7
Sample Description SESB10F FLUSH
Samp. Date/Time/Temp 06/01/17 06:13am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-8
Sample Description SESB10S AERATOR
Samp. Date/Time/Temp 06/01/17 06:19am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-8
Sample Description SESB10S AERATOR
Samp. Date/Time/Temp 06/01/17 06:19am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-9
Sample Description SESC110S AERATOR
Samp. Date/Time/Temp 06/01/17 06:19am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-9
Sample Description SESC110S AERATOR
Samp. Date/Time/Temp 06/01/17 06:19am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-10
Sample Description SESC110F FLUSH
Samp. Date/Time/Temp 06/01/17 06:20am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-10
Sample Description SESC110F FLUSH
Samp. Date/Time/Temp 06/01/17 06:20am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-11
Sample Description SESB112S AERATOR
Samp. Date/Time/Temp 06/01/17 06:26am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-11
Sample Description SESB112S AERATOR
Samp. Date/Time/Temp 06/01/17 06:26am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-12
Sample Description SESA112DW FLUSH
Samp. Date/Time/Temp 06/01/17 06:26am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-12
Sample Description SESA112DW FLUSH
Samp. Date/Time/Temp 06/01/17 06:26am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-13
Sample Description SESA112CRS AERATOR
Samp. Date/Time/Temp 06/01/17 06:31am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-13
Sample Description SESA112CRS AERATOR
Samp. Date/Time/Temp 06/01/17 06:31am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-14
Sample Description SESA112CLS AERATOR
Samp. Date/Time/Temp 06/01/17 06:32am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-14
Sample Description SESA112CLS AERATOR
Samp. Date/Time/Temp 06/01/17 06:32am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Account No: M00527, STILLWATER ELEMENTARY SCHOOL
Project No: M00527 LEAD, STILLWATER ELEMENTARY SCHOOL

P.O. No:

Inv. No: 1872930 PI
PWSID No:

Sample ID L6835422-15
Sample Description SESB110PF FLUSH
Samp. Date/Time/Temp 06/01/17 06:31am NA C
Sampled by Ann Smith, Eurofins Lancaster

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
-----------	--------	------	-------	--------	----	----	--------------------------

Sample Comments | Result Qualifiers:

Sample ID L6835422-15
Sample Description SESB110PF FLUSH
Samp. Date/Time/Temp 06/01/17 06:31am NA C
Sampled by Ann Smith, Eurofins Lancaster
Received Date/Time 06/02/17 08:40am

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD



DEFINITIONS

Eurofins OC, Inc. (EOC)

The following terms or abbreviations are used in this report:

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL
TON	Threshold Odor Number		

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.

ppb (ug/L) Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.

< 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.

Data Qualifiers

J	Estimated value \geq MDL but < RL.
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.
E	Microbiology: estimated CFU count
Q	Qualifier: defined in Sample Comment section

Warranties, Terms, and Conditions

- Unless otherwise specified in the Parameter field, analyses (excluding "Field Parameters") were performed at the EQCI Southampton facility (1205 Industrial Boulevard, Southampton, PA 18966). Pharmaceutical testing is performed the EQCI facility in Horsham (702 Electronic Drive, Horsham, PA 19044).
- The 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.
- The reported results relate only to the sample as tested. EQCI is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQCI 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. EQCI's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQCI: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQCI Delaware).

EOC Accreditations

Southampton, PA	EPA ID: PA00018	Horsham, PA	NELAP IDs:
	NELAP IDs: PA 09-00131; NJ PA166; NY 11223		PA: 46-05499
	State IDs: DE PA-018;		NJ: PA093
	FDA Reg #: 3009048205		
New Castle, DE	State IDs: DE 00011; MD 138		
Wind Gap, PA	State IDs: PA 48-01334; NJ PA001		
East Rutherford, NJ	State ID: NJ 02015		
Vineland, NJ	State ID: NJ 06005		



QC

CHAIN OF CUSTODY

Page 1 of 2

Lab LIMS No:

LCF35422

MATRIX CODES

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

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

Client/Acct. No. M00527 LEAO
Address Stillwater Elem Sch
904 Stillwater Rd
City/State/Zip Stillwater NJ 07875
Phone/Fax 973-383-4711 x228
Client Contact: Mike Maggio

P.O. No. PWSID #:

Quote # 30273

e-mail: michael.maggio@stillwaterschool.org

LAB USE ONLY:

Ascorbic/HCL Vials # HCL Vials
Na2S2O3
NaOH/Zn acetate pH
HNO3 pH
H2SO4 pH
NaOH pH
10 Unpreserved 250ml pl
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

PROJECT lead in school (resample)

Table with columns: FIELD ID, Date, Military Time, Matrix Code, and various chemical analysis columns (Total, H2SO4, HCl, Vials, HNO3, NaOH, ZnAc, UNPRE, BACT). Rows include SE SA13W Flush, SE SA17CRS FLUSH, SE SA23S Flush, SE SA20 DW Flush, SE SB10 DW Flush, SE SB10 F Flush, SE SB10S Aerator, SE SC110S Aerator, SE SC110F Flush.

ANALYSIS REQUESTED

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

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)

Table with columns: RELINQUISHED BY, DATE, TIME, RECEIVED BY, DATE, TIME. Rows 1-5 for custody exchanges.

DELIVERY: EQC COURIER CLIENT Custody Seal Number
UPS FEDEX OTHER

Rec'd Temp.: Initials: Ice Y/N Location:
COMMENTS:

1 hr sampling time

Hazardous: yes / no



QC

CHAIN OF CUSTODY

Page 2 of 2

Lab LIMS No:

LCF35402

MATRIX CODES

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

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

LAB USE ONLY:

Ascorbic/HCL Vials # HCL Vials
Na2S2O3
Na OH/Zn acetate pH
HNO3 pH
H2SO4 pH
NaOH pH
Unpreserved 250ml
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

Client/Acct. No. M00527 LEAD
Address Stillwater Elem Sch
904 Stillwater Rd
City/State/Zip Stillwater, NJ 07875
Phone/Fax 973-383-4711 x228
Client Contact: Mike Maggio

P.O. No. PWSID #:

Quote # Q30273

e-mail:

PROJECT lead in schools Resample

Table with columns: FIELD ID, Date, Military Time, G R A B, C O M P, Matrix Code, Total, H Z S O 4, H C I, V i a l s, H N O 3, N B O H, Z n A c, U N P R E, B A C T. Rows include SES B1125 Aerator, SE S A112 DW Flush, SES A112 CRS Aerator, SES A112 CLS Aerator, OES B110 PE Flush.

ANALYSIS REQUESTED

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

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)

Table with columns: RELINQUISHED BY, DATE, TIME, RECEIVED BY, DATE, TIME. Rows 1-5.

DELIVERY: EQC COURIER CLIENT Custody Seal Number
UPS FEDEX OTHER

Rec'd Temp.: Initials: Ice Y/N Location:
COMMENTS:

Hazardous: yes / no

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Report Date: June 13, 2017

Project: L6835422

Submittal Date: 06/02/2017

Group Number: 1808714

PO Number: L6835422

State of Sample Origin: NJ

Client Sample Description

L6835422-1 Grab Drinking Water
L6835422-2 Grab Drinking Water
L6835422-3 Grab Drinking Water
L6835422-4 Grab Drinking Water
L6835422-5 Grab Drinking Water
L6835422-6 Grab Drinking Water
L6835422-7 Grab Drinking Water
L6835422-8 Grab Drinking Water
L6835422-9 Grab Drinking Water
L6835422-10 Grab Drinking Water
L6835422-11 Grab Drinking Water
L6835422-12 Grab Drinking Water
L6835422-13 Grab Drinking Water
L6835422-14 Grab Drinking Water
L6835422-15 Grab Drinking Water

Lancaster Labs

(LL) #

9026739
9026740
9026741
9026742
9026743
9026744
9026745
9026746
9026747
9026748
9026749
9026750
9026751
9026752
9026753

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: L6835422
LL Group #: 1808714

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:**EPA 200.8 rev 5.4, Metals**

Batch #: 171580605105A (Sample number(s): 9026747-9026753 UNSPK: 9026747 BKG: 9026747)

The recovery(ies) for the following analyte(s) in the MS were below the acceptance window: Lead

Sample Description: L6835422-1 Grab Drinking Water
SESA13W FLUSH

LL Sample # NR 9026739
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 05:58 by AS

Eurofins QC Laboratories

702 Electric Avenue

Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 3.67	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	171580605104A	06/12/2017 11:25	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605104	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-2 Grab Drinking Water
SESA17CRS FLUSH

LL Sample # NR 9026740
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:00 by AS

Eurofins QC Laboratories

702 Electric Avenue

Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 4.05	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
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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	171580605104A	06/12/2017 11:36	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605104	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-3 Grab Drinking Water
SESA23S FLUSH

LL Sample # NR 9026741
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:04 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
		EPA 200.8 rev 5.4	ug/l	ug/l	
06035	Lead	7439-92-1	2.31	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	171580605104A	06/12/2017 11:37	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605104	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-4 Grab Drinking Water
SESA23DW FLUSH

LL Sample # NR 9026742
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:04 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
		EPA 200.8 rev 5.4	ug/l	ug/l	
06035	Lead	7439-92-1	6.71	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	171580605104A	06/12/2017 11:38	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605104	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-5 Grab Drinking Water
SESA20DW FLUSH

LL Sample # NR 9026743
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:08 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 2.11	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	171580605104A	06/12/2017 11:39	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605104	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-6 Grab Drinking Water
SESB10DW FLUSH

LL Sample # NR 9026744
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:11 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

Sample Description: L6835422-6 Grab Drinking Water
SES10DW FLUSH

LL Sample # NR 9026744
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:11 by AS

Eurofins QC Laboratories

702 Electric Avenue

Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 5.63	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	171580605104A	06/12/2017 11:41	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605104	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-7 Grab Drinking Water
SES10F FLUSH

LL Sample # NR 9026745
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:13 by AS

Eurofins QC Laboratories

702 Electric Avenue

Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 8.14	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
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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	171580605104A	06/12/2017 11:42	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605104	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-8 Grab Drinking Water
SES10S AERATOR

LL Sample # NR 9026746
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:15 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
		EPA 200.8 rev 5.4	ug/l	ug/l	
06035	Lead	7439-92-1	57.7	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	171580605104A	06/12/2017 11:43	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605104	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-9 Grab Drinking Water
SESC110S AERATOR

LL Sample # NR 9026747
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:19 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
		EPA 200.8 rev 5.4	ug/l	ug/l	
06035	Lead	7439-92-1	903 Q4	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	171580605105A	06/12/2017 08:32	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605105	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-10 Grab Drinking Water
SESC110F FLUSH

LL Sample # NR 9026748
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:20 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 7.61 Q4	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	171580605105A	06/12/2017 08:41	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605105	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-11 Grab Drinking Water
SESB112S AERATOR

LL Sample # NR 9026749
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:26 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

Sample Description: L6835422-11 Grab Drinking Water
SES112S AERATOR

LL Sample # NR 9026749
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:26 by AS

Eurofins QC Laboratories

Submitted: 06/02/2017 19:50

702 Electric Avenue

Reported: 06/13/2017 14:27

Horsham PA 19044

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 37.1 Q4	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	171580605105A	06/12/2017 08:43	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605105	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-12 Grab Drinking Water
SES112DW FLUSH

LL Sample # NR 9026750
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:30 by AS

Eurofins QC Laboratories

Submitted: 06/02/2017 19:50

702 Electric Avenue

Reported: 06/13/2017 14:27

Horsham PA 19044

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
06035	Lead	EPA 200.8 rev 5.4 7439-92-1	ug/l 3.28 Q4	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
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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	171580605105A	06/12/2017 08:48	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605105	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-13 Grab Drinking Water
SESA112CRS AERATOR

LL Sample # NR 9026751
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:31 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
		EPA 200.8 rev 5.4	ug/l	ug/l	
06035	Lead	7439-92-1	18.1 Q4	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	171580605105A	06/12/2017 08:50	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605105	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-14 Grab Drinking Water
SESA112CLS AERATOR

LL Sample # NR 9026752
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:32 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals					
		EPA 200.8 rev 5.4	ug/l	ug/l	
06035	Lead	7439-92-1	37.5 Q4	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	171580605105A	06/12/2017 08:51	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605105	06/12/2017 05:40	Annamaria Kuhns	1

Sample Description: L6835422-15 Grab Drinking Water
SES110PF FLUSH

LL Sample # NR 9026753
LL Group # 1808714
Account # 24261

Project Name: L6835422

Collected: 06/01/2017 06:24 by AS

Eurofins QC Laboratories
702 Electric Avenue
Horsham PA 19044

Submitted: 06/02/2017 19:50

Reported: 06/13/2017 14:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals		EPA 200.8 rev 5.4	ug/l	ug/l	
06035	Lead	7439-92-1	5.36 Q4	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	171580605105A	06/12/2017 08:53	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171580605105	06/12/2017 05:40	Annamaria Kuhns	1

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 06/13/2017 14:27

Group Number: 1808714

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	LOQ
	ug/l	ug/l
Batch number: 171580605104A	Sample number(s): 9026739-9026746	
Lead	N.D.	1.01
Batch number: 171580605105A	Sample number(s): 9026747-9026753	
Lead	N.D.	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: 171580605104A	Sample number(s): 9026739-9026746								
Lead	15	14.83	15	14.79	99	99	85-115	0	20
Batch number: 171580605105A	Sample number(s): 9026747-9026753								
Lead	15	14.81	15	14.6	99	97	85-115	1	20

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: 171580605104A	Sample number(s): 9026739-9026746 UNSPK: 9026739									
Lead	3.67	15.3	18.19			95		70-130		
Batch number: 171580605105A	Sample number(s): 9026747-9026753 UNSPK: 9026747									
Lead	902.79	15.3	880.61			-145 (2)		70-130		

*- Outside of specification

(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: 06/13/2017 14:27

Group Number: 1808714

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: 171580605104A Lead	Sample number(s): 9026739-9026746 3.67	BKG: 9026739 3.77	2 (1)	20
Batch number: 171580605105A Lead	Sample number(s): 9026747-9026753 902.79	BKG: 9026747 863.62	4	20

*- Outside of specification

- (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. M00527 (EAO)
 Address Stillwater Elem Sch
904 Stillwater Rd
 City/State/Zip Stillwater NJ 07675
 Phone/Fax 973-383-4710
 Client Contact: Mike Maggio

CHAIN OF CUSTODY

Page 1 of 2

1868-114

Lab LIMS No: CGP35422

MATRIX CODES

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

P.O. No.

PWSID #:

Quote # (#35273)

e-mail: mike.maggio@eurofins.com

LAB USE ONLY:

Ascorbic/HCL Vials # HCl Vials

Na₂S₂O₃

Na OH/Zn acetate pH

HNO₃ pH

H₂SO₄ pH

NaOH pH

10 Unpreserved 250ml pl

HCl # NH₄Cl # MeOH

DI Water

ANALYSIS REQUESTED

DW: DRINKING WATER

GW: GROUND WATER

WW: WASTEWATER

SO: SOIL

SL: SLUDGE

OIL: OIL

SOL: NON SOIL SOLID

MI: MISCELLANEOUS

X: OTHER

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

LAB USE ONLY

PROJECT (lead in school) resample

Collection

Number of Containers

FIELD ID

Date

Military Time

GRA
B

COMP

Matrix Code

Total

H
2
S
O
4

H
C
l

V
i
a
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s

H
N
O
3

N
a
O
H

Z
n
A
c

U
N
P
R
E

B
A
C
T

SE SA13W Flush ✓

6/1/17

558

X

DW

1

X

Pb

SE SA17CRS FLUSH ✓

600

SE SA23S Flush ✓

604

SE SA23DW Flush ✓

604

SE SA20 DW Flush ✓

608

SE SB10 DW Flush ✓

611

SE SB10 F Flush ✓

613

SE SB10S Aerator

615

SE SC110S Aerator

619

SE SC110F Flush

6/1/17

620

X

DW

1

X

Pb

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	DATE	TIME	RECEIVED BY	DATE	TIME	DELIVERY: <input type="checkbox"/> EQC COURIER <input type="checkbox"/> CLIENT <input type="checkbox"/> UPS <input type="checkbox"/> FEDEX <input type="checkbox"/> OTHER	Custody Seal Number
1. Ann Smith	6/2/17	840	[Signature]	6/2/17	0840		
2.	DATE	TIME	RECEIVED BY	DATE	TIME	Rec'd Temp.: _____ Initials: _____ Ice Y/N _____ Location: _____	
3.	DATE	TIME	RECEIVED BY	DATE	TIME	COMMENTS: 1 hr sampling time	
4.	DATE	TIME	RECEIVED BY	DATE	TIME		
5.	DATE	TIME	RECEIVED BY	DATE	TIME		

Hazardous: yes/no



QC

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

Client/Acct. No. M00527 (EAD)
Address Stillwater Elem Sch
904 Stillwater Rd
City/State/Zip Stillwater, NJ 07875
Phone/Fax 973-383-4711 x228
Client Contact: Mike Maggio

CHAIN OF CUSTODY
Page 2 of 2

18008117

Lab LIMS No: LCF3542

MATRIX CODLS

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

P.O. No. PWSID #:

Quote # 201000 PWS 73

e-mail:

LAB USE ONLY:

___ Ascorbic/HCL Vials # ___ HCl Vials
___ Na₂S₂O₃
___ Na OH/Zn acetate pH
___ HNO₃ pH
___ H₂SO₄ pH
___ NaOH pH
5 Unpreserved 250ml/pl
___ 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

PROJECT Lead in Schools Resample

FIELD ID

LAB USE ONLY

Collection

GRAB
COMP

MATRIX
CODE

Number of Containers

Total H₂SO₄ HCl Vials HNO₃ NaOH ZnAc UNPRE BACT

ANALYSIS REQUESTED

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

SES B1125 Aerator

4/1/17

626

X

DW

1

X

Pb

SES A112 DW Flush

|

630

X

|

|

|

|

SES A112 CRS Aerator

|

631

X

|

|

|

|

SES A112 CLS Aerator

|

632

X

|

|

|

|

SES B110 PE Flush

4/1/17

624

X

DW

1

X

Pb

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	DATE	TIME	RECEIVED BY	DATE	TIME	DELIVERY: <input type="checkbox"/> EOC COURIER <input type="checkbox"/> CLIENT	Custody Seal Number
1. <u>Ann Smith</u>	<u>4/1/17</u>	<u>0840</u>	<u>[Signature]</u>	<u>4/1/17</u>	<u>0840</u>	<input type="checkbox"/> UPS <input type="checkbox"/> FEDEX <input type="checkbox"/> OTHER	
2.			2.			Rec'd Temp.: _____ Initials: _____ Ice Y/N Location: _____	
3.			3.			COMMENTS:	
4.			4.				
5.			5. <u>[Signature]</u>	<u>6/2/17</u>	<u>1950</u>		

Hazardous: yes/no

Sample Administration
Receipt Documentation Log

Doc Log ID:

185298



Group Number(s):

1808714

Client: EQCL**Delivery and Receipt Information**

Delivery Method: EQCL Drop Off Arrival Timestamp: 06/02/2017 19:50
 Number of Packages: 1 Number of Projects: 4

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:	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 21:25 on 06/02/2017

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.

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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.

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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