

Serialized: 05/15/2017 01:59pm QC36

GEORGE T. FARLEY, PRESIDENT
WATER MANAGEMENT SERVICES
PO BOX 445

SOUTHAMPTON, PA 18966

Regarding:

WATER MANAGEMENT SERVICES
570 DUNKSFERRY ROAD
BENSALEM, PA 19020

PROJECT ID:

W00678

LABORATORY REPORT NUMBER:

L6778871



Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 05/15/17 13:59 QC36

GEORGE T. FARLEY, PRESIDENT
WATER MANAGEMENT SERVICES
570 DUNKSFERRY ROAD
BENSALEM, PA 19020

Regarding:
GEORGE T. FARLEY, PRESIDENT
WATER MANAGEMENT SERVICES
570 DUNKSFERRY ROAD
BENSALEM, PA 19020

Account No: W00678, WATER MANAGEMENT SERVICES, SOUTHAMPTON P.O. No: Inv. No: 1868789 PI
Project No: W00678, WATER MANAGEMENT SERVICES, SOUTHAMPTON PWSID No:

Sample ID Sample Description Samp. Date/Time/Temp Sampled by
L6778871-1 STERLING HIGH SCHOOL, OLD BDFS LK DF 05/01/17 06:00am NA C Customer
 Received Date/Time/Temp 05/01/17 02:12pm 24.8 C Iced (Y/N): N
 Exceeds recommended temperature for chemical testing.(T)

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Sample ID Sample Description Samp. Date/Time/Temp Sampled by
L6778871-2 KITCHEN ICE 05/01/17 06:00am NA C Customer
 Received Date/Time/Temp 05/01/17 02:12pm 24.8 C Iced (Y/N): N
 Exceeds recommended temperature for chemical testing.(T)

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Sample ID Sample Description Samp. Date/Time/Temp Sampled by
L6778871-3 #41 05/01/17 06:00am NA C Customer
 Received Date/Time/Temp 05/01/17 02:12pm 24.8 C Iced (Y/N): N
 Exceeds recommended temperature for chemical testing.(T)

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

PIN: 89482

Serial Number: 6290508

Account No: W00678, WATER MANAGEMENT SERVICES, SOUTHAMPTON
Project No: W00678, WATER MANAGEMENT SERVICES, SOUTHAMPTON

P.O. No:

Inv. No: 1868789 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6778871-4	#42	05/01/17 02:12pm 24.8 C	NA C Customer
Received Date/Time/Temp 05/01/17 02:12pm 24.8 C Iced (Y/N): N Exceeds recommended temperature for chemical testing.(T)			

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6778871-5	BOE 3	05/01/17 02:12pm 24.8 C	NA C Customer
Received Date/Time/Temp 05/01/17 02:12pm 24.8 C Iced (Y/N): N Exceeds recommended temperature for chemical testing.(T)			

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6778871-6	TRAINER ICE	05/01/17 02:12pm 24.8 C	NA C Customer
Received Date/Time/Temp 05/01/17 02:12pm 24.8 C Iced (Y/N): N Exceeds recommended temperature for chemical testing.(T)			

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
LEAD

Sample Comments | Result Qualifiers:

L6778871-1 :

L6778871-2 :

L6778871-3 :

L6778871-4 :

L6778871-5 :

L6778871-6 :



PIN: 89482

Serial Number: 6290508



QC

W00678

1205 Industrial Blvd. Phone: 215-355-3900
 Southampton, PA 18966-0514 Fax: 215-355-7231

CHAIN OF CUSTODY
 Page 1 of 1

Lab LIMS No: 6778871

MATRIX CODES

Client/Accl. No. Water Mgmt Svc
 Address PO Box 445
 City/State/Zip Southampton PA 18986
 Phone/Fax 215-919-1760
 Client Contact: GT Falty

B2I to/Report to (if different)
Water Management Services

Sampling Site Address (if different) Include State
Sterling High School
Wharwick Rd
Somerdale NJ 08083

P.O. No. _____ PWSID #: _____
 Quote # _____
 e-mail: info@midatlanticwater.com

LAB USE ONLY:

___ Ascorbic/HCL Vials # ___ HCl Vials
 # ___ Na2S2O4
 # ___ Na OH/Zn acetata pH
 # ___ HNO3 pH
 # ___ H2SO4 pH
 # ___ NaOH pH
 # 6 Unpreserved 250ML (P)
 # ___ HCl # ___ NH4Cl # ___ MeOH
 # ___ DI Water

DW: DRINKING WATER
 GW: GROUND WATER
 WW: WASTEWATER
 SO: SOIL
 SL: SLUDGE
 OL: OIL
 SOL: NON SOIL SOLID
 MI: MISCELLANEOUS
 X: OTHER

PROJECT	Collection		G R A B	C O M P	Matrix Code	Number of Containers																
	Date	Military Time				Tot	H	C	V	N	N	Z	U	B	A							
FIELD ID																						
Old Bdfs LK DF	5/1/17	0600																				Lead (Pb)
Kitchen Ice	5/1/17	0600																				Lead
# 41	5/1/17	0610																				Lead
# 42	5/1/17	0615																				Lead
BOE 3	5/1/17	0615																				Lead
Traine Ice	5/1/17	0620																				Lead

ANALYSIS REQUESTED

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

SAMPLED BY: (Name/Company) _____ TAT: STANDARD (10 DAY) or DUE DATE 1/1 Report Format: Standard NJ-RDD SRP-RDD Standard + QC Forms EDD

DELIVERED BY COURIER
 Initials _____ 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. (4 HOUR DELIVERY 8AM-12PM EST 1600)

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME
1. <u>GT Falty</u>	5/1/17	14:12	<u>[Signature]</u>	5/1/17	14:12
2. <u>[Signature]</u>	5/1/17	14:12	<u>[Signature]</u>	5/1/17	14:12
3.					
4.					
5.					

DELIVERY: EOC COURIER CLIENT Custody Seal Number _____
 COMMENTS: Rec'd Temp.: 24.8 Initials: [Signature] Ice Y (N) Location: St
cust running temp
 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 12, 2017

Project: L6778871

Submittal Date: 05/02/2017

Group Number: 1795852

PO Number: L6778871

State of Sample Origin: PA

Client Sample Description

L6778871-1 Potable Water
L6778871-2 Potable Water
L6778871-3 Potable Water
L6778871-4 Potable Water
L6778871-5 Potable Water
L6778871-6 Potable Water

Lancaster Labs

(LL)

8969177
8969178
8969179
8969180
8969181
8969182

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: L6778871
LL Group #: 1795852

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.



Lancaster Laboratories
Environmental

Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: L6778871-1 Potable Water

LL Sample # NR 8969177

Project Name: L6778871

LL Group # 1795852

Account # 25997

Collected: 05/01/2017 06:00

Eurofins QC Laboratories

Submitted: 05/02/2017 06:05

1205 Industrial Blvd.

Reported: 05/12/2017 15:28

P.O. Box 514

Southampton, PA 18966-0514

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	mg/l N.D.	mg/l 0.0010	1

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/18.

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	171250605144A	05/11/2017 05:34	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171250605144	05/10/2017 20:10	JoElla L Rice	1

Sample Description: L6778871-2 Potable Water

LL Sample # NR 8969178

Project Name: L6778871

LL Group # 1795852

Account # 25997

Collected: 05/01/2017 06:00

Eurofins QC Laboratories

Submitted: 05/02/2017 06:05

1205 Industrial Blvd.

Reported: 05/12/2017 15:28

P.O. Box 514

Southampton, PA 18966-0514

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	mg/l 0.0457	mg/l 0.0010	1

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/18.

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	171250605144A	05/11/2017 05:35	Scott P Cuff	1



Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171250605144	05/10/2017 20:10	JoElla L Rice	1

Sample Description: L6778871-3 Potable Water

LL Sample # NR 8969179
LL Group # 1795852
Account # 25997

Project Name: L6778871

Collected: 05/01/2017 06:00
Submitted: 05/02/2017 06:05
Reported: 05/12/2017 15:28

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

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	mg/l 0.0035	mg/l 0.0010	1

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/18.

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	171250605144A	05/11/2017 05:36	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171250605144	05/10/2017 20:10	JoElla L Rice	1

Sample Description: L6778871-4 Potable Water

LL Sample # NR 8969180
LL Group # 1795852
Account # 25997

Project Name: L6778871

Collected: 05/01/2017 06:00
Submitted: 05/02/2017 06:05
Reported: 05/12/2017 15:28

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

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	mg/l 0.0017	mg/l 0.0010	1

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/18.

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	171300705013A	05/11/2017 12:52	Scott P Cuff	1
07050	ICP/MS EPA-600 Digest	EPA 200.8 rev 5.4	1	171300705013	05/11/2017 07:16	James L Mertz	1

Sample Description: L6778871-5 Potable Water

LL Sample # NR 8969181
LL Group # 1795852
Account # 25997

Project Name: L6778871

Collected: 05/01/2017 06:00

Eurofins QC Laboratories

Submitted: 05/02/2017 06:05

1205 Industrial Blvd.

Reported: 05/12/2017 15:28

P.O. Box 514

Southampton, PA 18966-0514

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	mg/l N.D.	mg/l 0.0010	1

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/18.

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	171250605144A	05/11/2017 05:37	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171250605144	05/10/2017 20:10	JoElla L Rice	1

Sample Description: L6778871-6 Potable Water

LL Sample # NR 8969182
LL Group # 1795852
Account # 25997

Project Name: L6778871

Collected: 05/01/2017 06:00

Eurofins QC Laboratories

Submitted: 05/02/2017 06:05

1205 Industrial Blvd.

Reported: 05/12/2017 15:28

P.O. Box 514

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
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Lancaster Laboratories
Environmental

Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: L6778871-6 Potable Water

LL Sample # NR 8969182

Project Name: L6778871

LL Group # 1795852

Account # 25997

Collected: 05/01/2017 06:00

Eurofins QC Laboratories

1205 Industrial Blvd.

Submitted: 05/02/2017 06:05

P.O. Box 514

Reported: 05/12/2017 15:28

Southampton, PA 18966-0514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals		EPA 200.8 rev 5.4	mg/l	mg/l	
06035	Lead	7439-92-1	0.0043	0.0010	1

Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/18.

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	171250605144A	05/11/2017 05:38	Scott P Cuff	1
06051	ICP-MS Undigested Prep	EPA 200.8 rev 5.4	1	171250605144	05/10/2017 20:10	JoElla L Rice	1

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 05/12/2017 15:28

Group Number: 1795852

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 mg/l	LOQ mg/l
Batch number: 171250605144A Lead	N.D.	0.0010
Batch number: 171300705013A Lead	N.D.	0.0010

LCS/LCSD

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
Batch number: 171250605144A Lead	0.0150	0.0149	0.0150	0.0149	99		85-115		
Batch number: 171300705013A Lead	0.0150	0.0161	0.0150	0.0161	107		85-115		

MS/MSD

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

Analysis Name	Unspiked Conc mg/l	MS Spike Added mg/l	MS Conc mg/l	MSD Spike Added mg/l	MSD Conc mg/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 171250605144A Lead	0.00443	0.0153	0.0195	0.0195	0.00443	99		70-130		
Batch number: 171300705013A Lead	0.00166	0.0150	0.0175	0.0175	0.00166	106		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: 05/12/2017 15:28

Group Number: 1795852

Laboratory Duplicate

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

Analysis Name	BKG Conc mg/l	DUP Conc mg/l	DUP RPD	DUP RPD Max
Batch number: 171250605144A Lead	Sample number(s): 8969177-8969179, 8969181-8969182 0.00443	BKG: P968411 0.00449	2 (1)	20
Batch number: 171300705013A Lead	Sample number(s): 8969180 0.00166	BKG: 8969180 0.00160	3 (1)	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

1205 Industrial Blvd. Phone: 215-355-3900
 Southampton, PA 18966-0514 Fax: 215-355-7231
 Client/Account No. Wood 78
 Address 11400 5th St
 City/State/Zip PA 18906
 Phone/Fax 215 719-1760
 Client Contact: GT Foley

CHAIN OF CUSTODY
Page 1 of 1

Lab LIMS No: 6778871

MATRIX CODES

Bill to/Report to (if different)
Water Management Services

Sampling Site Address (if different) Include State
Sterling High School

P.O. No. Wilmington DE
Quote # Jimmie 45 05083
e-mail: info@midatlanticwater.com

LAB USE ONLY:
 # ___ Ascorbic/HCl Vials # ___ HCl Vials
 # ___ Na₂S₂O₃
 # ___ Na OH/Zn acetate pH
 # ___ HNO₃ pH
 # ___ H₂SO₄ pH
 # ___ NaOH pH
 # La Unpreserved 250ML (P)
 # ___ 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	Collection		G R A B	C O M P	Matrix Code	Number of Containers										ANALYSIS REQUESTED
	Date	Military Time				Total	H 2 S O 4	H C l	V i a l s	H N O 3	N H 4 O H	Z n O H	B A C T	U N P R E		
Old Bdfs LK-DF	5/17/12	0600														Lead (Pb)
Kitchen Ice	5/17/12	0800														Lead
# 41	5/17/12	0810														Lead
# 42	5/17/12	0815														Lead
BOE 3	5/17/12	0615														Lead
Trainer Ice	5/17/12	0820														Lead

SAMPLED BY: (Name/Company) TAT: STANDARD (10 DAY) Report Format: Standard NJ-RDD SRP-RDD
 or DUE DATE 1/1 Standard + QC Forms EDD
 Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

DELIVERED BY AIR
 Initials MS Date Time: 5/17/12 14:12

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME. (24 HOUR SERVICE: BATTIS OPERATIONS IS 1800)

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME	DELIVERY: <input type="checkbox"/> EOC COURIER <input type="checkbox"/> CLIENT	Custody Seal Number
1. <u>MS</u>	5/17/12	14:12	<u>MS</u>	5/17/12	14:12	<input type="checkbox"/> UPS <input type="checkbox"/> FEDEX <input type="checkbox"/> OTHER	
2. <u>MS</u>	5/17/12	14:12	<u>MS</u>	5/17/12	14:12		
3.							
4.							
5.							

Rec'd Temp: 24.8 Initials: MS Ice Y/N Location: St
 COMMENTS: cust moving temp

Hazardous: yes / no

Client: QC

Delivery and Receipt Information

Delivery Method: QC Labs Arrival Timestamp: 05/02/2017 6:05
 Number of Packages: 1 Number of Projects: 6

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:	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 Wendy Wakeley (1669) at 06:48 on 05/02/2017

Samples Chilled Details

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

Cooler#	ThermometerID	CorrectedTemp	ThermType	IceType	IcePresent?	IceContainer	ElevatedTemp?
1	32170023	0.6	IR	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	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