

M7

9/21/07 C 2015

7-2015



Wednesday, July 29, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ62419

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis/Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 July 29, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

Sample Information

Matrix: WASTE WATER  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

Custody Information

Collected by: TD  
 Received by: SW  
 Analyzed by: see "By" below

Date Time  
 07/22/15  
 07/23/15 15:03

Laboratory Data

SDG ID: GBJ62419  
 Phoenix ID: BJ62419

Project ID: NAUGATUCK  
 Client ID: WASTEWATER

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	< 0.004	0.004	mg/L	1	07/27/15	LK	E200.7
Beryllium	< 0.001	0.001	mg/L	1	07/27/15	LK	E200.7
Cadmium	0.0008	0.0002	mg/L	1	07/28/15	RS	SM3113B
Chromium	0.031	0.001	mg/L	1	07/27/15	LK	E200.7
Copper	0.715	0.005	mg/L	1	07/27/15	LK	E200.7
Mercury	0.0015	0.0004	mg/L	1	07/28/15	RS	E245.1
Nickel	0.031	0.001	mg/L	1	07/27/15	LK	E200.7
Lead	0.159	0.002	mg/L	1	07/27/15	LK	E200.7
Selenium	< 0.001	0.001	mg/L	1	07/28/15	RS	SM3113B-10
Zinc	0.708	0.002	mg/L	1	07/27/15	LK	E200.7
Fixed Solids	1400	10	mg/L	1	07/27/15	TM/KH	SM209D/E160.4
pH	7.57	0.10	pH Units	1	07/23/15 23:56	RWR/KDB	SM4500-H B-00
Total Solids	2300	100	mg/L	10	07/27/15	TM/KH	SM2540B-97
Volatile Solids	900	100	mg/L	1	07/27/15	TM/KH	SM2540E/E160.4-9
Mercury Digestion	Completed				07/27/15	I/I	E245.1
PCB Extraction	Completed				07/23/15	T	SW3510C
Total Metals Digestion	Completed				07/24/15	AG	

Polychlorinated Biphenyls

PCB-1016	ND	5.0	ug/L	1	07/25/15	AW	E608
PCB-1221	ND	5.0	ug/L	1	07/25/15	AW	E608
PCB-1232	ND	5.0	ug/L	1	07/25/15	AW	E608
PCB-1242	ND	5.0	ug/L	1	07/25/15	AW	E608
PCB-1248	ND	5.0	ug/L	1	07/25/15	AW	E608
PCB-1254	ND	5.0	ug/L	1	07/25/15	AW	E608
PCB-1260	ND	5.0	ug/L	1	07/25/15	AW	E608
PCB-1262	ND	5.0	ug/L	1	07/25/15	AW	E608
PCB-1268	ND	5.0	ug/L	1	07/25/15	AW	E608

Project ID: NAUGATUCK  
Client ID: WASTEWATER

Phoenix I.D.: BJ62419

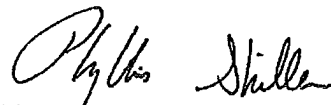
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<b>QA/QC Surrogates</b>							
% DCBP	91		%	1	07/25/15	AW	30 - 150 %
% TCMX	102		%	1	07/25/15	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 29, 2015

Reviewed and Released by: Deb Lawrie, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report  
 July 29, 2015

QA/QC Data

SDG I.D.: GBJ62419

Parameter	Blank	Bik RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314808 (mg/L), QC Sample No: BJ61744 (BJ62419)													
Cadmium - Water	BRL	0.0001	<0.0001	<0.0001	NC	107	107	0.0	111	107	3.7	75 - 125	20
Selenium - Water	BRL	0.005	<0.002	<0.005	NC	102	98.7	3.3	105	102	2.9	75 - 125	20
QA/QC Batch 314955 (mg/L), QC Sample No: BJ62383 (BJ62419)													
<u>ICP Metals - Aqueous</u>													
Arsenic	BRL	0.004	<0.004	<0.004	NC	99.5	95.5	4.1	103	103	0.0	75 - 125	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	99.7	95.8	4.0	103	99.6	3.4	75 - 125	20
Chromium	BRL	0.001	<0.001	<0.001	NC	97.4	92.6	5.1	96.7	96.7	0.0	75 - 125	20
Copper	BRL	0.005	<0.005	<0.005	NC	97.4	93.4	4.2	98.7	94.1	4.8	75 - 125	20
Lead	BRL	0.002	<0.002	<0.002	NC	101	96.4	4.7	99.9	100	0.1	75 - 125	20
Nickel	BRL	0.001	0.001	<0.001	NC	103	98.3	4.7	101	101	0.0	75 - 125	20
Zinc	BRL	0.002	0.010	0.010	0	99.7	96.2	3.6	101	100	1.0	75 - 125	20
QA/QC Batch 315156 (mg/L), QC Sample No: BJ63714 (BJ62419)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	101	91.1	10.3	90.3	88.4	2.1	70 - 130	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													



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**QA/QC Report**  
 July 29, 2015

QA/QC Data

SDG I.D.: GBJ62419

Parameter	Blk Blank	Bik RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314873 (pH), QC Sample No: BJ62389 (BJ62419)													
pH			7.94	7.95	0.10	98.5						85 - 115	20
QA/QC Batch 315029 (mg/L), QC Sample No: BJ62419 (BJ62419)													
Total Solids	BRL	10	2300	2300	0	100						85 - 115	20



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**QA/QC Report**

July 29, 2015

QA/QC Data

SDG I.D.: GBJ62419

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314697 (ug/L), QC Sample No: BJ61980 (BJ62419)										
<u>Polychlorinated Biphenyls - Waste Water</u>										
PCB-1016	ND	0.050					126		40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050			131		103		40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	75	%	97			68			30 - 150	20
% TCMX (Surrogate Rec)	70	%	90			94			30 - 150	20

Comment:

LCSD/MSD could not be reported for this batch. Aw/gl

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

*Phyllis Shiller*  
 Phyllis Shiller, Laboratory Director  
 July 29, 2015

# Sample Criteria Exceedences Report

Criteria: None

State: CT

GBJ62419 - VEOLIANA

Sample No	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (660) 645-0823  
Client Services (860) 645-8725

Cooler: Yes  No   
Coolant: IPK  ICE  No   
Temp: \_\_\_\_\_ °C \_\_\_\_\_ Pg \_\_\_\_\_ of \_\_\_\_\_

Data Delivery:  Fax # \_\_\_\_\_  
 Email: tom.deller@veolia.com

Project P.O.: 3rd Qtr 2015  
Project: Naugatuck  
Report to: Tom Deller  
Invoice to: 3rd Qtr 2015  
Phone #: 203-723-1433 ext 2004  
Fax #: 203-723-8539

Customer: Veolia Water, NA  
Address: 500 Cherry St Ext  
Naugatuck, Ct 06770  
Attn: Tom Deller

Sampler's Signature: *[Signature]*  
Date: 7-23-15

Matrix Codes:  
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
OIL=Oil B=Bulk L=Liquid

Customer Sample Identification: Wastewater  
Sample Matrix: WW  
Date Sampled: 7/22/15  
Time Sampled: N/A

Analysis Request	Asbestos		Chromium		Copper		Lead		Mercury		Nickel		pH		PCBs		Selenium		Total Solids		Volatile Solids		Zinc		
SO4 VOA Yrs [Methanol] H2O																									
GL Soil Container [8] oz																									
40 ml VOA Vial [X] As [HCl]																									
GL Amber 100ml [X] As [H2SO4]																									
PL H2SO4 [X] 250ml [150ml]																									
PL HNO3 250ml																									
Bacteria Bottle																									

Requisition #: \_\_\_\_\_ Accepted by: *[Signature]*  
 Date: 2015/7/23 13:02  
 Time: 7:23:15  
 Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES

Comments, Special Requirements or Regulations:  
 3rd Qtr 2015 Brewster Twn Ctr

States where samples were collected: \_\_\_\_\_  
 \* SURCHARGE APPLIES

Analysis Request:

RI:  Direct Exposure (Residential)  GW  Other

CT:  RCP Cert  MCP Certification  
 GW Protection  GW-1  
 SW Protection  GW-2  
 GA Mobility  GW-3  
 GB Mobility  S-1  
 I/C DEC  S-2  
 Other  S-3  
 Other  M/WRA eSMART

Data Format:  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other  
 Data Package:  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

This section MUST be completed with Bottle Quantities.





**CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: 3rd Qtr 2015  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Project P.O.: 3rd Qtr

Email: tom.deller@veolia.com

Coolant: IPK  ICE  No  
 Cooler: Yes  No  No  
 Temp: °C Pg of

Date Delivery:   
 Fax #:   
 Email:

This section MUST be completed with Bottle Quantities.

Analysis Request	SOIL VOA Vials (1 methanol / 1 H2O)	40 ml VOA Vial ( ) or GL soil container ( 8 )	PL As Is ( 120ml ) X As Is ( HCl )	PL H2SO4 ( X ) 250ml ( 150ml ) X 100ml	PL NaOH 250ml	Package Bottle
Asenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, pH, PCBs, Selenium, Volatile solids, Total Solids	X	X	X	X	X	
Fixed solids, Total Solids, Zinc						

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
62419	Wastewater	WW	7/22/15	N/A

Sampler's Signature: *[Signature]* T-Deller Date: 7-23-15

Matrix Codes:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OL=Oil B=Bulk L=Liquid

Reinspected by: *[Signature]* Accented by: *[Signature]*

Date: 2015/7/23 13:02  
 7-23-15 15:03

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

State where samples were collected: \_\_\_\_\_

\* SURCHARGE APPLIES

GI:  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other

MA:  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other

Data Format:  Excel  PDF  GIS/Key  EQUIS  Other

Data Packages:  Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other

\* SURCHARGE APPLIES

3rd Qtr 2015 Brewster Twn Ctr

Comments, Special Requirements or Regulations:

CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Coolant: Yes No
Coolant: IPK ICE No
Temp: °C °F Pg of

Data Delivery:
Fax #:
Email: tom.deller@veolia.com

Project P.O.: 3rd Qtr 2015

Project: Naugatuck
Report to: Tom Deller
Invoice to: 3rd Qtr 2015
Phone #: 203-723-1433 ext 2004
Fax #: 203-723-8539

Customer: Veolia Water, NA
Address: 500 Cherry St Ext
Naugatuck, Ct 06770
Attn: Tom Deller

Client Sample - Information - Identification
Date: 7-23-15
Signature: T. Deller

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Table with columns: PHOENIX USE ONLY SAMPLE #, Customer Sample Identification, Sample Matrix, Date Sampled, Time Sampled. Row 1: Wastewater, WW, 7/22/15, N/A.

Table with columns: Analysis Request (Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, pH, PCBs, Selenium, Total Solids, Volatile Solids, Zinc), various sample types (Soil VOA Vials, GL Soil Containers, GL VOA Vial, PL HNSO4, PL HNO3, Bacteria Bottle).

Relinquished by: Accepted by: Date: 2015/7/23 13:02. Turnaround: 1 Day, 2 Days, 3 Days, Standard. Comments, Special Requirements or Regulations: 3rd Qtr 2015 Brewster Twn Ctr. State where samples were collected: SURCHARGE APPLIES.

[REDACTED] M29



Friday, May 29, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ13438

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 29, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

## Sample Information

Matrix: SLUDGE  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

## Custody Information

Collected by: TD  
 Received by: LB  
 Analyzed by: see "By" below

Date: 05/07/15  
 Time: 15:20

## Laboratory Data

SDG ID: GBJ13438  
 Phoenix ID: BJ13438

Project ID: NAUGATUCK  
 Client ID: WASTEWATER

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	2.1	0.6	mg/Kg	1	05/11/15	EK	SW6010C
Beryllium	< 0.32	0.32	mg/Kg	1	05/11/15	EK	SW6010C
Cadmium	< 0.32	0.32	mg/Kg	1	05/11/15	EK	SW6010C
Chromium	7.87	0.32	mg/Kg	1	05/11/15	EK	SW6010C
Copper	323	3.2	mg/Kg	10	05/11/15	EK	SW6010C
Mercury	< 0.18	0.18	mg/kg	1	05/08/15	RS	SW7471B
Nickel	7.55	0.32	mg/Kg	1	05/11/15	EK	SW6010C
Lead	7.15	0.32	mg/Kg	1	05/11/15	EK	SW6010C
Selenium	10.9	1.6	mg/Kg	1	05/11/15	EK	SW6010C
Zinc	682	3.2	mg/Kg	10	05/11/15	EK	SW6010C
Total Solids @ 104C	3.58	0.1	%	1	05/11/15	KH/CL	SM2540B-97
Fixed Solids @ 500C	29.2	0.1	%	1	05/11/15	KH/CL	E160.4
pH - Sludge	6.46	0.10	pH Units	1	05/07/15 21:00	DH/KDB	SW9045
Volatile Solids @ 500C	70.8	0.1	%	1	05/11/15	KH/CL	SM2540E/E160.4-9
Mercury Digestion	Completed				05/08/15	I/I	SW7471B
Sludge Ext. for PCB	Completed				05/08/15	M/M	SW3550C
Total Metals Digest	Completed				05/08/15	CB/AG	SW3050B

## Polychlorinated Biphenyls

PCB-1016	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A
PCB-1221	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A
PCB-1232	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A
PCB-1242	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A
PCB-1248	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A
PCB-1254	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A
PCB-1260	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A
PCB-1262	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A
PCB-1268	ND	2600	ug/Kg	1	05/09/15	AW	SW8082A

Project ID: NAUGATUCK  
Client ID: WASTEWATER

Phoenix I.D.: BJ13438

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<b><u>QA/QC Surrogates</u></b>							
% DCBP	77		%	1	05/09/15	AW	30 - 150 %
% TCMX	58		%	1	05/09/15	AW	30 - 150 %

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level


**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 29, 2015

Reviewed and Released by: Deb Lawrie, Project Manager



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 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

May 29, 2015

## QA/QC Data

SDG I.D.: GBJ13438

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 307217 (mg/kg), QC Sample No: BJ13331 (BJ13438)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.71	2.8	2.86	NC	97.0	103	6.0	95.5	96.9	1.5	75 - 125	30
Beryllium	BRL	0.29	0.55	0.59	NC	96.1	100	4.0	96.9	98.3	1.4	75 - 125	30
Cadmium	BRL	0.36	<0.41	<0.42	NC	98.7	96.4	2.4	93.1	94.3	1.3	75 - 125	30
Chromium	BRL	0.36	17.9	19.3	7.50	94.4	98.0	3.7	99.3	101	1.7	75 - 125	30
Copper	0.96	0.36	9.98	8.78	12.8	94.6	96.9	2.4	100	104	3.9	75 - 125	30
Lead	BRL	0.36	93.7	85.7	8.90	95.6	98.0	2.5	75.7	>130	NC	75 - 125	30
Nickel	BRL	0.36	12.1	12.8	5.60	93.6	96.2	2.7	94.7	96.9	2.3	75 - 125	30
Selenium	BRL	1.4	<1.6	<1.7	NC	95.1	102	7.0	88.5	89.2	0.8	75 - 125	30
Zinc	0.49	0.36	61.5	53.8	13.4	91.8	96.8	5.3	87.3	89.4	2.4	75 - 125	30

QA/QC Batch 307258 (mg/kg), QC Sample No: BJ13331 (BJ13438)

Mercury - Soil	BRL	0.06	<0.03	<0.03	NC	88.7	81.6	8.3	110	111	0.9	70 - 130	30
----------------	-----	------	-------	-------	----	------	------	-----	-----	-----	-----	----------	----

**Comment:**

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

May 29, 2015

QA/QC Data

SDG I.D.: GBJ13438

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 307472 (), QC Sample No: BJ13165 (BJ13438)													
Total Solids	BRL	0.1	6.20	6.02	2.90	100						85 - 115	30
QA/QC Batch 307268 (PH), QC Sample No: BJ13340 (BJ13438)													
pH - Soil			8.45	8.41	0.50	98.8						85 - 115	20



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

May 29, 2015

## QA/QC Data

SDG I.D.: GBJ13438

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
QA/QC Batch 307293 (ug/Kg), QC Sample No: BJ12075 (BJ13438)										
<b>Polychlorinated Biphenyls - Sludge</b>										
PCB-1016	ND	13	88	85	3.5				40 - 140	30
PCB-1221	ND	13							40 - 140	30
PCB-1232	ND	13							40 - 140	30
PCB-1242	ND	13							40 - 140	30
PCB-1248	ND	13							40 - 140	30
PCB-1254	ND	13							40 - 140	30
PCB-1260	ND	13	95	92	3.2				40 - 140	30
PCB-1262	ND	13							40 - 140	30
PCB-1268	ND	13							40 - 140	30
% DCBP (Surrogate Rec)	96	%	104	99	4.9				30 - 150	30
% TCMX (Surrogate Rec)	73	%	82	79	3.7				30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

*Phyllis Shiller*  
 Phyllis Shiller, Laboratory Director  
 May 29, 2015



# Sample Criteria Exceedences Report

Criteria: None  
State: CT

SampNo    Acode    Phoenix Analyte    Criteria    Result    RL    Criteria    RL    Criteria    Analysis Units

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.











**CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**



Coolant:  IPK  ICE  No  No

Temp °C Pg of

Data Delivery:  Fax # \_\_\_\_\_  
 Email: tom.deller@veolia.com

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: \_\_\_\_\_  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Project P.O. # \_\_\_\_\_

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [Signature] T. Deller Date: 5-7-15  
 Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Analysis Request	Asst. Arsenic	Chromium	Cadmium	Copper	Lead	Mercury	Nickel	pH	PCBs	Selenium	Valve solids	Zinc	40 ml VOA Vial (8 ) oz	GI Sol container ( 8 ) oz	GI Amber 1000ml X) As is ( HCl	PL As is ( 250ml ) 150ml X) 1000ml	PL H2SO4 ( X ) 250ml	PL HNO3 250ml	Bacteria bottle
Wastewater	X	X	X	X	X	X	X	X	X	X	X	X							

Relinquished by: [Signature] T. Deller Accepted by: [Signature] Tom Deller Date: 5/7/15 Time: 1:30

Comments, Special Requirements or Regulations:  
 Brewster Twn Ctr 2nd Qtr

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

RI  Direct Exposure (Residential)  GW  Other

CT  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other

MA  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other

Data Format  Excel  PDF  GIS/Key  EQuls  Other

Data Package  Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other

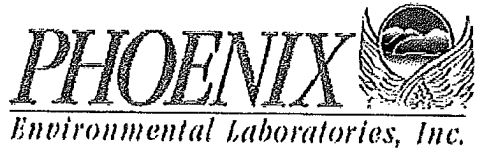
\* SURCHARGE APPLIES

State where samples were collected: \_\_\_\_\_

\* SURCHARGE APPLIES

3-20-2015 M20

9-2015



Thursday, September 24, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ92132

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 24, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

Sample Information

Matrix: WASTE WATER  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

Custody Information

Collected by: RG  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 09/11/15  
 09/15/15        15:47

Laboratory Data

SDG ID: GBJ92132  
 Phoenix ID: BJ92132

Project ID: NAUGATUCK  
 Client ID: WASTEWATER

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	< 0.040	0.040	mg/L	1	09/17/15	EK	E200.7
Beryllium	< 0.010	0.010	mg/L	1	09/17/15	EK	E200.7
Cadmium	0.0088	0.0010	mg/L	1	09/18/15	TH	SM3113B
Chromium	0.171	0.010	mg/L	1	09/17/15	EK	E200.7
Copper	8.51	0.050	mg/L	1	09/17/15	EK	E200.7
Mercury	0.0043	0.002	mg/L	1	09/17/15	MA	E245.1
Nickel	0.179	0.010	mg/L	1	09/17/15	EK	E200.7
Lead	< 0.020	0.020	mg/L	1	09/17/15	EK	E200.7
Selenium	< 0.020	0.020	mg/L	1	09/23/15	RS	SM3113B-10
Zinc	11.3	0.020	mg/L	1	09/17/15	EK	E200.7
Fixed Solids	7600	10	mg/L	1	09/16/15	KH	SM209D/E160.4
pH	7.08	0.10	pH Units	1	09/16/15 01:01	RWR	SM4500-H B-00
Total Solids	16000	100	mg/L	10	09/16/15	KH	SM2540B-97
Volatile Solids	8400	100	mg/L	1	09/16/15	KH	SM2540E/E160.4-9
Mercury Digestion	Completed				09/17/15	I/I	E245.1
PCB Extraction	Completed				09/15/15	L	SW3510C
Total Metals Digestion	Completed				09/16/15	AG	

Polychlorinated Biphenyls

PCB-1016	ND	10	ug/L	1	09/16/15	AW	E608
PCB-1221	ND	10	ug/L	1	09/16/15	AW	E608
PCB-1232	ND	10	ug/L	1	09/16/15	AW	E608
PCB-1242	ND	10	ug/L	1	09/16/15	AW	E608
PCB-1248	ND	10	ug/L	1	09/16/15	AW	E608
PCB-1254	ND	10	ug/L	1	09/16/15	AW	E608
PCB-1260	ND	10	ug/L	1	09/16/15	AW	E608
PCB-1262	ND	10	ug/L	1	09/16/15	AW	E608
PCB-1268	ND	10	ug/L	1	09/16/15	AW	E608

Project ID: NAUGATUCK  
Client ID: WASTEWATER

Phoenix I.D.: BJ92132

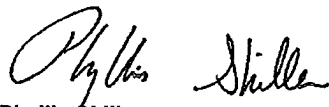
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<b><u>QA/QC Surrogates</u></b>							
% DCBP	33		%	1	09/16/15	AW	30 - 150 %
% TCMX	44		%	1	09/16/15	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 24, 2015

Reviewed and Released by: Deb Lawrie, Project Manager



**Environmental Laboratories, Inc.**

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

September 24, 2015

QA/QC Data

SDG I.D.: GBJ92132

Parameter	Blk Blank	RL	Sample Result	Dup Result	Dup RPD	LCS %	LCS D %	LCS RPD	MS %	MS D %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 319918 (mg/L), QC Sample No: BJ90192 (BJ92132)													
Selenium - Water	BRL	0.005	<0.002	<0.005	NC	107	110	2.8	104	105	1.0	75 - 125	20
QA/QC Batch 320342 (mg/L), QC Sample No: BJ91353 (BJ92132)													
Cadmium - Water	BRL	0.0001	<0.0001	<0.0001	NC	112	111	0.9	110	109	0.9	75 - 125	20
QA/QC Batch 320598 (mg/L), QC Sample No: BJ92026 (BJ92132)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	98.9	95.1	3.9	88.8	85.2	4.1	70 - 130	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

QA/QC Batch 320385 (mg/L), QC Sample No: BJ92072 (BJ92132)

ICP Metals - Aqueous

Arsenic	BRL	0.004	<0.004	<0.004	NC	95.9	94.4	1.6	99.4	93.5	6.1	75 - 125	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	101	100	1.0	101	102	1.0	75 - 125	20
Chromium	BRL	0.001	<0.001	<0.001	NC	98.6	97.7	0.9	102	97.3	4.7	75 - 125	20
Copper	BRL	0.005	<0.005	<0.005	NC	98.5	95.0	3.6	98.5	96.8	1.7	75 - 125	20
Lead	BRL	0.002	<0.002	<0.002	NC	99.3	98.9	0.4	102	98.0	4.0	75 - 125	20
Nickel	BRL	0.001	0.001	<0.001	NC	102	101	1.0	105	100	4.9	75 - 125	20
Zinc	BRL	0.002	0.015	0.016	6.50	97.7	97.6	0.1	101	97.6	3.4	75 - 125	20



**Environmental Laboratories, Inc.**

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Tel. (860) 645-1102

Fax (860) 645-0823

**QA/QC Report**

September 24, 2015

QA/QC Data

SDG I.D.: GBJ92132

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 320449 (mg/L), QC Sample No: BJ92132 (BJ92132)													
Total Solids	BRL	10	16000	16000	0	101						85 - 115	20



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

September 24, 2015

QA/QC Data

SDG I.D.: GBJ92132

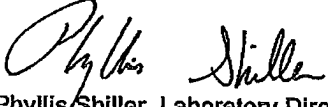
Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 320271 (ug/L), QC Sample No: BJ91358 (BJ92132)										
<u>Polychlorinated Biphenyls - Waste Water</u>										
PCB-1016	ND	0.050	70	65	7.4				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	83	78	6.2				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	95	%	97	101	4.0				30 - 150	20
% TCMX (Surrogate Rec)	66	%	63	69	9.1				30 - 150	20

**Comment:**

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis/Shiller, Laboratory Director  
 September 24, 2015

# Sample Criteria Exceedences Report

GBJ92132 - VEOLJANA

Criteria: None

State: CT

Sample No	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
-----------	-------	-----------------	----------	--------	----	----------	----	----------	----------------

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Cooler: Yes  No   
 Coolant: IPK  ICE   
 Temp: \_\_\_\_\_ ° C \_\_\_\_\_ ° F  
 Data Delivery:  Fax # \_\_\_\_\_  Email: tom.deller@veolia.com

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: 3rd Qtr 2015  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Project P.O.: 3rd Qtr 2015  
 FOX RUN

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
02132	Wastewater	WW	9/11/15	N/A	Asstic, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, pH, PCBs, Selenium, Trihaloalkanes, Total Solids, Volatile Solids, Zinc

RI	SI	CT	MA	Data Format
<input type="checkbox"/> Direct Exposure (Residential)	<input type="checkbox"/> RCP Cert	<input type="checkbox"/> MCP Certification	<input type="checkbox"/> Excel	<input type="checkbox"/> Tier I Checklist
<input type="checkbox"/> GW	<input type="checkbox"/> GW Protection	<input type="checkbox"/> GW-1	<input type="checkbox"/> PDF	<input type="checkbox"/> Full Data Package*
<input type="checkbox"/> Other	<input type="checkbox"/> SW Protection	<input type="checkbox"/> GW-2	<input type="checkbox"/> GIS/Key	<input type="checkbox"/> Phoenix Std Report
	<input type="checkbox"/> GA Mobility	<input type="checkbox"/> GW-3	<input type="checkbox"/> EQUIS	<input type="checkbox"/> Other
	<input type="checkbox"/> GB Mobility	<input type="checkbox"/> S-1	<input type="checkbox"/> Other	<input type="checkbox"/> Other
	<input type="checkbox"/> Residential DEC	<input type="checkbox"/> S-2	<input type="checkbox"/> Data Package	<input type="checkbox"/> Other
	<input type="checkbox"/> I/C DEC	<input type="checkbox"/> S-3	<input type="checkbox"/> Tier II Checklist	<input type="checkbox"/> Other
	<input type="checkbox"/> Other	<input type="checkbox"/> MWRA eSMART	<input type="checkbox"/> Full Data Package*	<input type="checkbox"/> Other

Relinquished by: \_\_\_\_\_ Accepted by: \_\_\_\_\_  
 Date: 2015/9/15 12:16  
 Turnaround: 015 15:47  
 Comments, Special Requirements or Regulations:  
 3rd Qtr 2015 MAHOPAC FOX RUN

State where samples were collected: \_\_\_\_\_

\* SURCHARGE APPLIES



**CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

Cooler: Yes  No   
 Coolant:  ICE  No

Temp \_\_\_\_\_ °C Pg \_\_\_\_\_ of \_\_\_\_\_  
 Data Delivery:  Fax # \_\_\_\_\_  
 Email: tom.deller@veolia.com

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, CT 06770  
 Attn: Tom Deller

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: 3rd Qtr 2015  
 Phone #: 203-723-1433 ext 2000  
 Fax #: 203-723-8539

Project P.O.: 3rd Qtr 2015  
 FOX RUN

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification  
 Sampler's Signature: Tom Deller Date: 9/15/15

Matrix Codes:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
02132	Wastewater	WW	9/11/15	N/A

Analysis Request

Asenic, Beryllium, Cadmium	<input type="checkbox"/>
Chromium, Copper, Lead, Mercury	<input checked="" type="checkbox"/>
Fixed Solids, Total Solids	<input checked="" type="checkbox"/>
Volatile Solids, Zinc	<input checked="" type="checkbox"/>
40 ml VOA Vial (1 X 1/2 oz Solvent)	<input checked="" type="checkbox"/>
40 ml VOA Vial (1 X 1/2 oz Solvent) 8 Top	<input checked="" type="checkbox"/>
80 ml VOA Vial (1 X 1/2 oz Solvent)	<input checked="" type="checkbox"/>
Pl As Et 1250ml [X] As Et [1] HCl	<input checked="" type="checkbox"/>
Pl H2SO4 [X] 1250ml [1] 500ml [X] H2SO4	<input checked="" type="checkbox"/>
Pl HNO3 250ml	<input checked="" type="checkbox"/>
Pl NaOH 250ml	<input checked="" type="checkbox"/>
Bacteria Bottle	<input type="checkbox"/>

Date	Time	RI	Direct Exposure (Residential)	GW	Other	CT				MA					Data Format																																						
						RCP Cart	GW Protection	SW Protection	GA Mobility	GB Mobility	Residential DEC	I/C DEC	Other	MCP Certification		GW-1	GW-2	GW-3	S-1	S-2	S-3	MWRA eSMART	Other																														
2015/9/15	12:16	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
2015/9/15	15:47	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Requisitioned by: \_\_\_\_\_ Accepted by: Tom Deller  
 Date: 2015/9/15 12:16  
 Time: 12:16  
 State where samples were collected: \_\_\_\_\_  
 Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES

3rd Qtr 2015 MAHOPAC FOX RUN

Comments, Special Requirements or Regulations: \_\_\_\_\_  
 \* SURCHARGE APPLIES





CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Coolant: Yes No
IPK ICE No No
Temp °C Pg of

Data Delivery:
Fax #:
Email: tom.deller@veolia.com

Project P.O.: 3rd Qtr 2015
Project: Naugatuck
Report to: Tom Deller
Invoice to: 3rd Qtr 2015
Phone #: 203-723-1433 ext 2004
Fax #: 203-723-8539

Customer: Veolia Water, NA
Address: 500 Cherry St Ext
Naugatuck, Ct 06770
Attn: Tom Deller

Client Sample - Information - Identification
Sampler's Signature: R-GENA02 Date: 9/15/11
Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Table with columns: PHOENIX USE ONLY SAMPLE #, Customer Sample Identification, Sample Matrix, Date Sampled, Time Sampled. Row 1: Wastewater, WW, 9/11/15, N/A

Analysis Request
Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Pb, PCBs, Selenium, Trihaloethylenes, Total Solids, Volatile Solids, Zinc

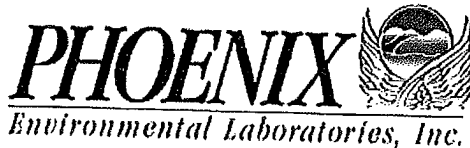
This section MUST be completed with Bottle Quantities.
40 ml VOA Vial (x) 8 [H2O]
GL soil container (x) 2
GL soil container (x) 1 [H2O]
GL soil container (x) 1 [H2O]
GL Amber 1000ml (x) 1 [H2O]
PL As Is (x) 1 [H2SO4]
PL As Is (x) 1 [H2SO4]
PL HNO3 250ml (x) 1 [H2SO4]
PL HNO3 250ml (x) 1 [H2SO4]
Bacteria Bottle

Main data table grid for Chain of Custody. Columns include Date, Time, and various regulatory checkboxes.

Refranchised by: Accepted by: Date: 2015/9/15 12:16
Turnaround: 1 Day, 2 Days, 3 Days, Standard, Other
Comments, Special Requirements or Regulations:
3rd Qtr 2015 MAHOPAC FOX RUN
\* SURCHARGE APPLIES

Data Format: Excel, PDF, GIS/Key, EQUIS, Other
Data Package: Tier II Checklist, Full Data Package\*, Phoenix Std Report, Other
\* SURCHARGE APPLIES
State where samples were collected:

M75



Thursday, April 30, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ06958

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 April 30, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

Sample Information

Matrix: SLUDGE  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

Custody Information

Collected by: TD  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 04/23/15  
 04/23/15                      16:01

Laboratory Data

SDG ID: GBJ06958  
 Phoenix ID: BJ06958

Project ID: NAUGATUCK  
 Client ID: SLUDGE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	3.7	0.9	mg/Kg	1	04/24/15	EK	SW6010C
Beryllium	< 0.44	0.44	mg/Kg	1	04/24/15	EK	SW6010C
Cadmium	3.09	0.44	mg/Kg	1	04/24/15	EK	SW6010C
Chromium	156	4.4	mg/Kg	10	04/24/15	EK	SW6010C
Copper	1020	4.4	mg/Kg	10	04/24/15	EK	SW6010C
Mercury	1.88	0.12	mg/kg	1	04/24/15	RS	SW7471B
Nickel	22.5	0.44	mg/Kg	1	04/24/15	EK	SW6010C
Lead	56.6	0.44	mg/Kg	1	04/24/15	EK	SW6010C
Selenium	< 2.2	2.2	mg/Kg	1	04/24/15	EK	SW6010C
Zinc	988	4.4	mg/Kg	10	04/24/15	EK	SW6010C
Percent Solid	22.4	1	%				SW846-%Solid
Total Solids @ 104C	22.4	0.1	%	1	04/27/15	KH/CL	SM2540B-97
Fixed Solids @ 500C	48.2	0.1	%	1	04/27/15	KH/CL	E160.4
pH - Sludge	7.18	0.10	pH Units	1	04/23/15 19:30	DH/KDB	SW9045
Volatile Solids @ 500C	51.8	0.1	%	1	04/27/15	KH/CL	SM2540E/E160.4-9
Mercury Digestion	Completed				04/24/15	II	SW7471B
Sludge Ext. for PCB	Completed				04/24/15	M/M	SW3550C
Total Metals Digest	Completed				04/23/15	CB/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	440	ug/Kg	1	04/25/15	AW	SW8082A
PCB-1221	ND	440	ug/Kg	1	04/25/15	AW	SW8082A
PCB-1232	ND	440	ug/Kg	1	04/25/15	AW	SW8082A
PCB-1242	ND	440	ug/Kg	1	04/25/15	AW	SW8082A
PCB-1248	ND	440	ug/Kg	1	04/25/15	AW	SW8082A
PCB-1254	ND	440	ug/Kg	1	04/25/15	AW	SW8082A
PCB-1260	ND	440	ug/Kg	1	04/25/15	AW	SW8082A
PCB-1262	ND	440	ug/Kg	1	04/25/15	AW	SW8082A

Project ID: NAUGATUCK

Phoenix I.D.: BJ06958

Client ID: SLUDGE [REDACTED]

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1268	ND	440	ug/Kg	1	04/25/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	87		%	1	04/25/15	AW	30 - 150 %
% TCMX	58		%	1	04/25/15	AW	30 - 150 %

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

April 30, 2015

Reviewed and Released by: Deb Lawrie, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

April 30, 2015

## QA/QC Data

SDG I.D.: GBJ06958

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 305736 (mg/kg), QC Sample No: BJ04692 (BJ06958)													
Mercury - Soil	BRL	0.06	0.08	0.04	NC	109	105	3.7	80.3	84.7	5.3	70 - 130	30
Comment:													

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

QA/QC Batch 305667 (mg/kg), QC Sample No: BJ06628 (BJ06958)

### ICP Metals - Soil

Arsenic	BRL	0.69	1.9	2.01	NC	105	97.5	7.4	96.7	95.5	1.2	75 - 125	30
Beryllium	BRL	0.28	0.27	0.30	NC	107	99.3	7.5	102	99.7	2.3	75 - 125	30
Cadmium	BRL	0.35	<0.33	<0.36	NC	109	105	3.7	100	98.2	1.8	75 - 125	30
Chromium	BRL	0.35	9.95	9.83	1.20	107	102	4.8	106	104	1.9	75 - 125	30
Copper	BRL	0.35	13.2	14.0	5.90	107	100	6.8	110	109	0.9	75 - 125	30
Lead	0.36	0.35	5.93	6.13	3.30	106	98.6	7.2	99.8	98.0	1.8	75 - 125	30
Nickel	BRL	0.35	10.3	10.5	1.90	108	104	3.8	103	99.4	3.6	75 - 125	30
Selenium	BRL	1.4	<1.3	<1.5	NC	101	93.9	7.3	84.0	83.5	0.6	75 - 125	30
Zinc	BRL	0.35	18.6	21.1	12.6	108	98.7	9.0	106	101	4.8	75 - 125	30



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 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

April 30, 2015

## QA/QC Data

SDG I.D.: GBJ06958

Parameter	Blk Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 305914 (), QC Sample No: BJ06958 (BJ06958)													
Total Solids	BRL	0.1	22.4	21.5	4.10	100						85 - 115	30
QA/QC Batch 305755 (PH), QC Sample No: BJ07201 (BJ06958)													
pH - Soil			8.07	8.16	1.10	98.6						85 - 115	20



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

April 30, 2015

QA/QC Data

SDG I.D.: GBJ06958

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 305648 (ug/Kg), QC Sample No: BJ05600 (BJ06958)										
<u>Polychlorinated Biphenyls - Sludge</u>										
PCB-1016		ND	68	53	24.8				40 - 140	30
PCB-1221		ND							40 - 140	30
PCB-1232		ND							40 - 140	30
PCB-1242		ND							40 - 140	30
PCB-1248		ND							40 - 140	30
PCB-1254		ND							40 - 140	30
PCB-1260		ND	89	69	25.3				40 - 140	30
PCB-1262		ND							40 - 140	30
PCB-1268		ND							40 - 140	30
% DCBP (Surrogate Rec)	98	%	104	80	26.1				30 - 150	30
% TCMX (Surrogate Rec)	72	%	75	58	25.6				30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

*Phyllis Shiller*  
 Phyllis Shiller, Laboratory Director  
 April 30, 2015

# Sample Criteria Exceedences Report

Criteria: None

State: CT

GBJ06958 - VEOLIANA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------	----------------

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phenixlabs.com Fax: (860) 645-0823  
**Client Services (860) 645-8726**

Coolant: Yes  No  IPK  ICE  No   
 Temp: 0 °C Pg of 0

Data Delivery:  Fax # \_\_\_\_\_  Email:  tom@deller@veolia.com

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext Naugatuck, Ct 06770  
 Attn: Tom Deller  
 Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: \_\_\_\_\_  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Sampler's Signature: [Signature] Date: 4-23-15  
 Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SI=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
06958	Sludge	SL	4/23/15	N/A

**Analysis Request**  
 Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, BtL PCBs, Selenium, Fixed solids, Total Solids, Volatile solids, Zinc  
 Soil VOA Vials [methanol, H2O] 40 ml VOA Vial (8) or [HCl, H2SO4, HNO3, 250ml] 150ml  
 GL Soil container (1) as is [HCl, H2SO4, HNO3, 250ml] 150ml  
 PL As is [150ml] 150ml [X] 100-ml Beaker Bottle

Relinquished by: [Signature] Accepted by: [Signature]  
 Date: 4/23/15 1:35  
 Turnaround:  1 Day  2 Days\*  3 Days\*  Standard  Other  
 State where samples were collected: Yorktown - 2nd Qtr

**RI**  Direct Exposure (Residential)  GW  Other

**CT**  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other

**MA**  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other

**Data Format**  
 Excel  PDF  GIS/Key  EQuIS  Other  
**Data Package**  
 Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other

\* SURCHARGE APPLIES

This section MUST be completed with Bottle Quantities

Coolant:  IPK  ICE  No  No

Temp:      °C      Pg of     

# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**



Data Delivery:  Fax #     

Email: tom.deller@veolia.com

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
Naugatuck, Ct 06770  
 Attn: Tom Deller

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to:       
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8839

Project P.O. #     

This section MUST be completed with Bottle Quantities

Scientific Information Identification

Sampler's Signature: [Signature] Date: 4-23-15

Matrix Codes:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHENIX USE ONLY SAMPLE # 06958  
 Customer Sample Identification: Sludge  
 Sample Matrix: SL  
 Date Sampled: 4/23/15  
 Time Sampled: N/A

Analysis Request	Aspic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Pb	PCBs	Selenium	Fixed Solids	Total Solids	Volatile Solids	Zinc
SAV VAs [Inhalant] H2O															
GL Soil container ( 8 oz)															
40 ml VOA Vial [x] As Is [HSC-1]															
GL Amber 100ml [x] As Is [HSC-1]															
PL As Is [ 250ml ] 1500ml [x] 1500ml															
PL HNS4 [x] 250ml [ 1500ml ] 1500ml															
PL HNS3 [x] 250ml [ 1500ml ] 1500ml															
PL NAOR 250ml															
Bacteria Bottle															

Requisitioned by: [Signature] Accepted by: [Signature]

Date: 4/23/15 Time: 1:35

RI:  Direct Exposure (Residential)  GW  Other

CT:  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other

MA:  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MNRA eSMART  Other

Data Format:  Excel  PDF  GIS/Key  EQUIS  Other

Data Package:  Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other

Turnaround:  1 Day\*  2 Days\*  3 Days\*  Standard  Other

Comments, Special Requirements or Regulations: Yorktown - 2nd Qtr

State where samples were collected:     

\* SURCHARGE APPLIES

# CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax: (860) 645-0823  
**Client Services (860) 645-8726**

Coolant: IPK  ICE  No  No   
 Temp °C Pg of

Data Delivery:  
 Fax #:  
 Email: tom-deller@veolia.com

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, CT 06770  
 Attn: Tom Deller  
 Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to:  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8839

Sampler's Signature: *[Signature]* T. Deller Date: 4-23-15  
 Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Analysis Request

Analysis Request	Asenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	PH	PCBS	Selenium	Volatile solids	Total Solids	Fixed Solids	Zinc	30 ml VOA Vials (Methanol) H2O	GL Soil container (8 oz)	GL Amber 100ml 1.25 As (HCl)	PL As test (250ml) (X) 1750	PL H2SO4 (X) 250ml (X) 1750	PL HNO3 250ml (X) 1750	PL NaOH 250ml (X) 1750	Bioreg. Bottle	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Date	Time
	Sludge	SL	4/23/15	N/A		

Refrisked by: *[Signature]* T. Deller Accepted by: *[Signature]* Tom Deller  
 Date: 4/23/15 Time: 1:35  
 Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES

Comments, Special Requirements or Regulations:  
 Yorktown - 2nd Qtr  
 State where samples were collected: \_\_\_\_\_  
 \* SURCHARGE APPLIES

MA  MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWRA eSMART  
 Other

CT  RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other

RI  Direct Exposure (Residential)  
 GW  
 Other

Data Format  Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other  
 Data Package  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

\* SURCHARGE APPLIES

This section MUST be completed with Bottle Quantities.



Thursday, May 07, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ10216

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

  
Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 07, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

Sample Information

Matrix: WASTE WATER  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

Custody Information

Collected by: TD  
 Received by: LK  
 Analyzed by: see "By" below

Date      Time  
 04/29/15  
 04/30/15      15:00

Laboratory Data

SDG ID: GBJ10216  
 Phoenix ID: BJ10216

Project ID: NAUGATUCK  
 Client ID: WASTEWATER

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	< 0.040	0.040	mg/L	1	05/02/15	LK	E200.7
Beryllium	< 0.010	0.010	mg/L	1	05/02/15	LK	E200.7
Cadmium	0.0030	0.0020	mg/L	1	05/05/15	RS	SM3113B
Chromium	0.185	0.010	mg/L	1	05/02/15	LK	E200.7
Copper	2.28	0.050	mg/L	1	05/02/15	LK	E200.7
Mercury	< 0.0002	0.0002	mg/L	1	05/04/15	RS	E245.1
Nickel	3.09	0.010	mg/L	1	05/02/15	LK	E200.7
Lead	0.064	0.020	mg/L	1	05/02/15	LK	E200.7
Selenium	< 0.001	0.001	mg/L	1	05/04/15	RS	SM3113B-10
Zinc	5.63	0.020	mg/L	1	05/02/15	LK	E200.7
Fixed Solids	2400	10	mg/L	1	05/04/15	KH	SM209D/E160.4
pH	6.77	0.10	pH Units	1	05/01/15 21:05	RWR/KDE	SM4500-H B-00
Total Solids	9700	100	mg/L	10	05/04/15	KH	SM2540B-97
Volatile Solids	7300	100	mg/L	1	05/04/15	KH	SM2540E/E160.4-9
Mercury Digestion	Completed				05/04/15	I/I	E245.1
PCB Extraction	Completed				04/30/15	B/T	SW3510C
Total Metals Digestion	Completed				05/01/15	AG	

Polychlorinated Biphenyls

PCB-1016	ND	5.0	ug/L	1	05/01/15	KCA	E608
PCB-1221	ND	5.0	ug/L	1	05/01/15	KCA	E608
PCB-1232	ND	5.0	ug/L	1	05/01/15	KCA	E608
PCB-1242	ND	5.0	ug/L	1	05/01/15	KCA	E608
PCB-1248	ND	5.0	ug/L	1	05/01/15	KCA	E608
PCB-1254	ND	5.0	ug/L	1	05/01/15	KCA	E608
PCB-1260	ND	5.0	ug/L	1	05/01/15	KCA	E608
PCB-1262	ND	5.0	ug/L	1	05/01/15	KCA	E608
PCB-1268	ND	5.0	ug/L	1	05/01/15	KCA	E608

Project ID: NAUGATUCK  
Client ID: WASTEWATER

Phoenix I.D.: BJ10216

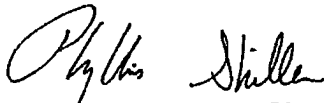
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<b><u>QA/QC Surrogates</u></b>							
% DCBP	54		%	1	05/01/15	KCA	30 - 150 %
% TCMX	39		%	1	05/01/15	KCA	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 07, 2015

Reviewed and Released by: Deb Lawrie, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

May 07, 2015

## QA/QC Data

SDG I.D.: GBJ10216

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 306039 (mg/L), QC Sample No: BJ08120 (BJ10216)													
Cadmium - Water	BRL	0.0001	<0.0001	<0.0001	NC	115	115	0.0	119	119	0.0	75 - 125	20
Selenium - Water	BRL	0.005	<0.001	<0.005	NC	108	110	1.8	102	105	2.9	75 - 125	20
QA/QC Batch 306479 (mg/L), QC Sample No: BJ09896 (BJ10216)													
Cadmium - Water	BRL	0.0001	<0.0001	<0.0001	NC	113	116	2.6	112	118	5.2	75 - 125	20
QA/QC Batch 306611 (mg/L), QC Sample No: BJ10525 (BJ10216)													
<u>ICP Metals - Aqueous</u>													
Arsenic	BRL	0.004	<0.004	<0.004	NC	90.4	89.9	0.6	84.6	92.4	8.8	75 - 125	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	92.8	91.8	1.1	84.6	93.9	10.4	75 - 125	20
Chromium	BRL	0.001	0.008	0.005	46.2	92.0	91.1	1.0	80.8	90.6	11.4	75 - 125	20 r
Copper	BRL	0.005	0.073	0.053	31.7	92.3	91.2	1.2	82.7	93.0	11.7	75 - 125	20 r
Lead	BRL	0.002	<0.002	<0.002	NC	97.5	97.2	0.3	89.5	97.7	8.8	75 - 125	20
Nickel	BRL	0.001	0.038	0.028	30.3	97.6	96.6	1.0	85.5	95.7	11.3	75 - 125	20 r
Zinc	BRL	0.002	0.058	0.039	39.2	95.7	95.0	0.7	85.6	94.6	10.0	75 - 125	20 r
QA/QC Batch 306690 (mg/L), QC Sample No: BJ11100 (BJ10216)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	104	99.0	4.9	94.8	99.6	4.9	70 - 130	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													

r = This parameter is outside laboratory rpd specified recovery limits.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

May 07, 2015

QA/QC Data

SDG I.D.: GBJ10216

Parameter	Blank	Bik RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 306714 (mg/L), QC Sample No: BJ04506 (BJ10216)													
Total Solids	BRL	10	17000	17000	0	96.0						85 - 115	20
QA/QC Batch 306655 (pH), QC Sample No: BJ11015 (BJ10216)													
pH			7.70	7.73	0.40	97.4						85 - 115	20





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

May 07, 2015

## QA/QC Data

SDG I.D.: GBJ10216

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 306344 (ug/L), QC Sample No: BJ09965 (BJ10216)										
<u>Polychlorinated Biphenyls - Waste Water</u>										
PCB-1016	ND	0.050	99	105	5.9				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	113	117	3.5				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	86	%	88	96	8.7				30 - 150	20
% TCMX (Surrogate Rec)	79	%	68	68	0.0				30 - 150	20

**Comment:**

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

*Phyllis Shiller*  
 Phyllis Shiller, Laboratory Director  
 May 07, 2015

# Sample Criteria Exceedences Report

GBJ10216 - VEOLIANA

Criteria: None

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Coolant:  IPK  ICE  No  No  
 Temp: 0 °C Pg. of

**CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



**Data Delivery:**  
 Fax # \_\_\_\_\_  
 Email: tom.deller@veolia.com

Project P. Naugatuck  
 Report to: Tom Deller  
 Invoice to: [Redacted]  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
10210	Wastewater	WW	4/29/15	N/A	<input checked="" type="checkbox"/> Arsenic <input checked="" type="checkbox"/> Barium <input checked="" type="checkbox"/> Beryllium <input checked="" type="checkbox"/> Cadmium <input checked="" type="checkbox"/> Chromium <input checked="" type="checkbox"/> Copper <input checked="" type="checkbox"/> Lead <input checked="" type="checkbox"/> Mercury <input checked="" type="checkbox"/> Nickel <input checked="" type="checkbox"/> PCBs <input checked="" type="checkbox"/> Selenium <input checked="" type="checkbox"/> Volatile Solids <input checked="" type="checkbox"/> Total Solids <input checked="" type="checkbox"/> Fixed Solids <input checked="" type="checkbox"/> Total Solids <input checked="" type="checkbox"/> Zinc <input checked="" type="checkbox"/> 40 ml VOA Vial (x 1 as is) [HCl] <input checked="" type="checkbox"/> GL Soil Container ( 8 ) oz. <input checked="" type="checkbox"/> SOI VOA Vial (Metalrol) [H2O] <input checked="" type="checkbox"/> GL Soil Container ( 8 ) oz. <input checked="" type="checkbox"/> 40 ml VOA Vial (x 1 as is) [HCl] <input checked="" type="checkbox"/> GL Amber 1000ml (x 1 as is) [HCl] <input checked="" type="checkbox"/> PL H2SO4 (x 1250ml) [50ml] (x) 1250ml <input checked="" type="checkbox"/> PL H2SO4 (x 1250ml) [50ml] (x) 1250ml <input checked="" type="checkbox"/> PL HNO3 250ml <input checked="" type="checkbox"/> Bacteria Bottle

Retrieved by: [Signature] Accepted by: [Signature]  
 Date: 4-30-15 Time: 1:22  
4:30:15 15:00  
 Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES

Comments, Special Requirements or Regulations:  
 Mt Ebo - 2nd Qtr

State where samples were collected: \_\_\_\_\_  
 \* SURCHARGE APPLIES

MA  MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWRRA eSMART  
 Other

CI  RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other

RI  Direct Exposure (Residential)  
 GW  
 Other

Data Format  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other  
 Data Package  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**



Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: [Redacted]  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Sampler's Signature: *[Signature]* T-Deller Date: 4-30-15

Client Sample - Information - Identification  
 Matrix Code: WW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Customer Sample Identification: Wastewater  
 Sample Matrix: WW  
 Date Sampled: 4/29/15  
 Time Sampled: N/A

Analysis Request  
 Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, pH, PCBs, Selenium, Fixed Solids, Total Solids, Volatile Solids, Zinc

Relinquished by: *[Signature]*  
 Accepted by: *[Signature]*  
 Date: 4-30-15 1:22  
 Time: 4/30/15 15:00

Comments, Special Requirements or Regulations:  
 Mt Ebo - 2nd Qtr

Data Delivery:  
 Fax #:  
 Email: tom.deller@veolia.com

Cooler: Yes  No   
 IPK  ICE   
 Temp: 0 °C Pg of

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	RI	CT	MA	Data Format
10210	Wastewater	WW	4/29/15	N/A	Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, pH, PCBs, Selenium, Fixed Solids, Total Solids, Volatile Solids, Zinc	<input type="checkbox"/> Direct Exposure (Residential) <input type="checkbox"/> GW	<input type="checkbox"/> RCP Cert <input type="checkbox"/> GW Protection <input type="checkbox"/> SW Protection <input type="checkbox"/> GA Mobility <input type="checkbox"/> GB Mobility <input type="checkbox"/> Residential DEC <input type="checkbox"/> I/C DEC <input type="checkbox"/> Other	<input type="checkbox"/> MCP Certification <input type="checkbox"/> GW-1 <input type="checkbox"/> GW-2 <input type="checkbox"/> GW-3 <input type="checkbox"/> S-1 <input type="checkbox"/> S-2 <input type="checkbox"/> S-3 <input type="checkbox"/> MWRA eSMART <input type="checkbox"/> Other	<input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> Other Data Package: <input type="checkbox"/> Tier II Checklist <input type="checkbox"/> Full Data Package* <input type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Other

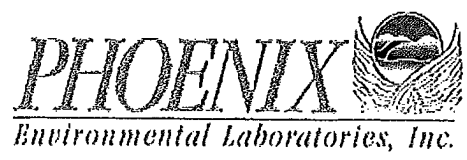
\* SURCHARGE APPLIES

State where samples were collected: \_\_\_\_\_

\* SURCHARGE APPLIES

M53  
~~30 APR 2015~~

7-2015



Tuesday, August 04, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ66007

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis/Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 August 04, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

Sample Information

Matrix: SLUDGE  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

Custody Information

Collected by: TD  
 Received by: SW  
 Analyzed by: see "By" below

Date Time  
 07/29/15  
 07/30/15 15:52

Laboratory Data

SDG ID: GBJ66007  
 Phoenix ID: BJ66007

Project ID: NAUGATUCK  
 Client ID: SLUDGE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	1.7	0.5	mg/Kg	1	08/01/15	EK	SW6010C
Beryllium	< 0.25	0.25	mg/Kg	1	08/01/15	EK	SW6010C
Cadmium	1.06	0.25	mg/Kg	1	08/01/15	EK	SW6010C
Chromium	18.4	0.25	mg/Kg	1	08/01/15	EK	SW6010C
Copper	242	2.5	mg/Kg	10	08/01/15	EK	SW6010C
Mercury	0.14	0.03	mg/Kg	1	08/03/15	MA	SW7471B
Nickel	12.7	0.25	mg/Kg	1	08/01/15	EK	SW6010C
Lead	11.2	0.25	mg/Kg	1	08/01/15	EK	SW6010C
Selenium	2.9	1.2	mg/Kg	1	08/01/15	EK	SW6010C
Zinc	1200	25	mg/Kg	100	08/02/15	EK	SW6010C
Total Solids @ 104C	4.81	0.1	%	1	07/31/15	TM	SM2540B-97
Fixed Solids @ 500C	30.6	0.1	%	1	07/31/15	TM	E160.4
pH - Sludge	6.21	0.10	pH Units	1	07/30/15 21:00	DH/EG	SW9045
Volatile Solids @ 500C	69.4	0.1	%	1	07/31/15	TM	SM2540E/E160.4-9
Mercury Digestion	Completed				08/03/15	U/U	SW7471B
Sludge Ext. for PCB	Completed				07/31/15	M/M	SW3550C
Total Metals Digest	Completed				07/30/15	G/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A
PCB-1221	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A
PCB-1232	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A
PCB-1242	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A
PCB-1248	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A
PCB-1254	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A
PCB-1260	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A
PCB-1262	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A
PCB-1268	ND	2000	ug/Kg	1	08/01/15	AW	SW8082A

Project ID: NAUGATUCK  
Client ID: SLUDGE

Phoenix I.D.: BJ66007

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<b>QA/QC Surrogates</b>							
% DCBP	86		%	1	08/01/15	AW	30 - 150 %
% TCMX	52		%	1	08/01/15	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

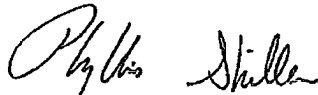
**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

August 04, 2015

Reviewed and Released by: Deb Lawrie, Project Manager



### CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 646-0823  
**Client Services (860) 645-8726**

Coolant: Yes  No   
 IPK  ICE   
 Temp ° C Pg of

Data Delivery:  Fax #: \_\_\_\_\_  
 Email: tom.deller@veolia.com

Customer: Veolia Water, NA  
 Address: 500 Chery St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: 3rd Qtr 2015  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Project P.O.: 3rd Qtr  
 This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification  
 Date: 7-30-15  
 Sampler's Signature: T. Deller  
 Matrix Codes:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SF=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OL=Oil B=Bulk L=Liquid

Analysis Request  
 Arsenic Barium Cadmium  
 Chromium Copper Lead Mercury  
 Nickel PH PCBs Selenium  
 Total Solids Total Solids  
 Volatile Solids Zinc  
 Soil VOA Val (Inhal) 1 H2O  
 40 Soil Container (8 ) oz  
 GL Soil Container ( 1 ) oz  
 GL Amber 100ml X 1 AS 1 HCl  
 PL AS 1 ( 250ml ) X 1 AS 1 H2SO4  
 PL H2SO4 (X) 250ml (X) 1500ml  
 PL H2SO4 (X) 250ml (X) 1500ml  
 PL NAOH 250ml  
 Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	EL	CI	MA	Data Format
66007	Sludge	SL	7/29/15	N/A	X	X	X	X	Excel
									PDF
									GIS/Key
									EQUS
									Other
									Data Package
									Tier II Checklist
									Full Data Package*
									Phoenix Std Report
									Other

Relinquished by: \_\_\_\_\_  
 Accepted by: \_\_\_\_\_  
 Date: 8/11/15  
 Time: 11:17  
 7:30 15:12

Comments, Special Requirements or Regulations:  
 3rd Qtr 2015 Regans Mills  
 Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES

State where samples were collected: \_\_\_\_\_  
 \* SURCHARGE APPLIES



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Coolant:  IPK  ICE  No  No  
 Temp ° C Pg of

Data Delivery:  Fax # \_\_\_\_\_  
 Email: tom.deller@veolia.com

Project P.O.: 3rd Qtr 2015

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: 3rd Qtr 2015  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

Sampler's Signature: *[Signature]* T. Deller Date: 7-30-15  
 Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Analysis Request  
 Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, pH, PCBs, Selenium, Volatile solids, Total Solids, Fixed solids, Zinc

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	RI	CT	MA	Data Format
	Sludge	SL	7/29/15	N/A	<input checked="" type="checkbox"/> Direct Exposure (Residential) <input type="checkbox"/> GW <input type="checkbox"/> Other	<input type="checkbox"/> RCP Cert <input type="checkbox"/> GW Protection <input type="checkbox"/> SW Protection <input type="checkbox"/> GA Mobility <input type="checkbox"/> GB Mobility <input type="checkbox"/> Residential DEC <input type="checkbox"/> I/C DEC <input type="checkbox"/> Other	<input type="checkbox"/> MCP Certification <input type="checkbox"/> GW-1 <input type="checkbox"/> GW-2 <input type="checkbox"/> GW-3 <input type="checkbox"/> S-1 <input type="checkbox"/> S-2 <input type="checkbox"/> S-3 <input type="checkbox"/> MWRA eSMART <input type="checkbox"/> Other	<input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> Other Data Package <input type="checkbox"/> Tier II Checklist <input type="checkbox"/> Full Data Package* <input type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Other

This section MUST be completed with Bottle Quantities.

GL SOIL container ( 8 ) oz	
GL SOIL container ( 1 ) H2O	
GL SOIL container ( 8 ) oz	
40 ml VOA Vial ( x ) As Is ( ) HCl	
PL AS IS ( ) 250ml ( x ) 500ml ( x ) 1000ml	
PL H2SO4 ( x ) 250ml ( ) 500ml ( x ) 1000ml	
PL HNO3 250ml	
Bacteria Bottle	

Reinforced by: *[Signature]* T. Deller Accepted by: *[Signature]*  
 Date: 2015/7/30 Time: 11:59  
 Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES  
 Comments, Special Requirements or Regulations:  
 3rd Qtr 2015 Regans Mills  
 State where samples were collected: \_\_\_\_\_  
 \* SURCHARGE APPLIES

NY  
[Redacted]  
[Redacted]



Wednesday, April 29, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ06282

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 April 29, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

Sample Information

Matrix: SLUDGE  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

Custody Information

Collected by: TD  
 Received by: LB  
 Analyzed by: see "By" below

Date Time  
 04/21/15  
 04/22/15 15:58

Laboratory Data

SDG ID: GBJ06282  
 Phoenix ID: BJ06282

Project ID: NAUGATUCK  
 Client ID: SLUDGE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	1.9	1.0	mg/Kg	1	04/23/15	LK	SW6010C
Beryllium	< 0.51	0.51	mg/Kg	1	04/23/15	LK	SW6010C
Cadmium	0.87	0.51	mg/Kg	1	04/23/15	LK	SW6010C
Chromium	10.5	0.51	mg/Kg	1	04/23/15	LK	SW6010C
Copper	420	5.1	mg/Kg	10	04/23/15	LK	SW6010C
Mercury	0.82	0.12	mg/kg	1	04/23/15	RS	SW7471B
Nickel	9.17	0.51	mg/Kg	1	04/23/15	LK	SW6010C
Lead	46.6	0.51	mg/Kg	1	04/23/15	LK	SW6010C
Selenium	4.4	2.6	mg/Kg	1	04/23/15	LK	SW6010C
Zinc	378	5.1	mg/Kg	10	04/23/15	LK	SW6010C
Percent Solid	19.7	1	%				SW846-%Solid
Total Solids @ 104C	19.7	0.1	%	1	04/23/15	KH	SM2540B-97 B
Fixed Solids @ 500C	17.6	0.1	%	1	04/23/15	KH	E160.4
pH - Sludge	5.74	0.10	pH Units	1	04/22/15 20:00	DH/KDB	SW9045
Volatile Solids @ 500C	82.4	0.1	%	1	04/23/15	KH	SM2540E/E160.4-9
Mercury Digestion	Completed				04/23/15	I/I	SW7471B
Sludge Ext. for PCB	Completed				04/23/15	M/M	SW3550C
Total Metals Digest	Completed				04/22/15	CB/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	510	ug/Kg	1	04/24/15	AW	SW8082A
PCB-1221	ND	510	ug/Kg	1	04/24/15	AW	SW8082A
PCB-1232	ND	510	ug/Kg	1	04/24/15	AW	SW8082A
PCB-1242	ND	510	ug/Kg	1	04/24/15	AW	SW8082A
PCB-1248	ND	510	ug/Kg	1	04/24/15	AW	SW8082A
PCB-1254	ND	510	ug/Kg	1	04/24/15	AW	SW8082A
PCB-1260	ND	510	ug/Kg	1	04/24/15	AW	SW8082A
PCB-1262	ND	510	ug/Kg	1	04/24/15	AW	SW8082A

Project ID: NAUGATUCK  
Client ID: SLUDGE

Phoenix I.D.: BJ06282

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1268	ND	510	ug/Kg	1	04/24/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	120		%	1	04/24/15	AW	30 - 150 %
% TCMX	81		%	1	04/24/15	AW	30 - 150 %

B = Present in blank, no bias suspected.

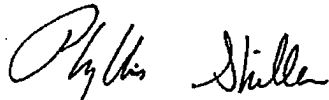
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 29, 2015

Reviewed and Released by: Deb Lawrie, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

April 29, 2015

QA/QC Data

SDG I.D.: GBJ06282

Parameter	Blank	Bik RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 305496 (mg/kg), QC Sample No: BJ06183 (BJ06282)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.69	12.3	15.0	19.8	96.4	95.8	0.6	94.0	94.8	0.8	75 - 125	30
Beryllium	BRL	0.28	<0.32	<0.28	NC	95.2	96.7	1.6	95.3	95.9	0.6	75 - 125	30
Cadmium	BRL	0.35	0.42	<0.36	NC	94.7	104	9.4	90.2	91.6	1.5	75 - 125	30
Chromium	BRL	0.35	21.9	17.2	24.0	94.5	97.8	3.4	92.1	103	11.2	75 - 125	30
Copper	BRL	0.35	50.0	49.3	1.40	98.3	101	2.7	109	111	1.8	75 - 125	30
Lead	BRL	0.35	94.5	427	128	95.5	98.3	2.9	84.0	81.3	3.3	75 - 125	30
Nickel	BRL	0.35	16.0	15.5	3.20	96.6	105	8.3	94.0	95.7	1.8	75 - 125	30
Selenium	BRL	1.4	<1.6	<1.4	NC	92.0	96.8	5.1	83.6	84.4	1.0	75 - 125	30
Zinc	BRL	0.35	108	93.9	14.0	99.6	102	2.4	82.8	81.2	2.0	75 - 125	30

QA/QC Batch 305565 (mg/kg), QC Sample No: BJ06628 (BJ06282)

Mercury - Soil	BRL	0.06	<0.03	<0.03	NC	124	112	10.2	115	120	4.3	70 - 130	30
----------------	-----	------	-------	-------	----	-----	-----	------	-----	-----	-----	----------	----

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

r = This parameter is outside laboratory rpd specified recovery limits.



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**QA/QC Report**

April 29, 2015

QA/QC Data

SDG I.D.: GBJ06282

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 305590 (), QC Sample No: BJ05620 (BJ06282)													
Total Solids	0.102	0.1	14.4	14.0	2.80	100						85 - 115	30
QA/QC Batch 305558 (PH), QC Sample No: BJ06167 (BJ06282)													
pH - Soil			7.80	7.93	1.70	99.0						85 - 115	20



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**QA/QC Report**

April 29, 2015

QA/QC Data

SDG I.D.: GBJ06282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 305648 (ug/Kg), QC Sample No: BJ05600 (BJ06282)										
<b>Polychlorinated Biphenyls - Sludge</b>										
PCB-1016	ND	13	68	53	24.8				40 - 140	30
PCB-1221	ND	13							40 - 140	30
PCB-1232	ND	13							40 - 140	30
PCB-1242	ND	13							40 - 140	30
PCB-1248	ND	13							40 - 140	30
PCB-1254	ND	13							40 - 140	30
PCB-1260	ND	13	89	69	25.3				40 - 140	30
PCB-1262	ND	13							40 - 140	30
PCB-1268	ND	13							40 - 140	30
% DCBP (Surrogate Rec)	98	%	104	80	26.1				30 - 150	30
% TCMX (Surrogate Rec)	72	%	75	58	25.6				30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

*Phyllis Shiller*  
 Phyllis Shiller, Laboratory Director  
 April 29, 2015

# Sample Criteria Exceedences Report

Criteria: None

State: CT

GBJ06282 - VEOLIANA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------	----------------

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.







587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**

**CHAIN OF CUSTODY RECORD**

Coolant: Yes  No   
 IPK  ACE   
 Temp  C  Pg of

Data Delivery:  
 Fax #:  
 Email: tom.deller@veolia.com

Project P.O.: [Redacted] 2nd Qtr

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: [Redacted] 2nd 2015  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [Signature] Date: 4-21-15  
 Matrix Codes: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Analysis Request  
 Arsenic, Beryllium, Cadmium  
 Chromium, Copper, Lead, Mercury  
 Nickel, pH, PCBs, Selenium  
 Triad solids, Total Solids  
 Volatile solids, Zinc

40 ml VOA Vial (X) 1 meq/l H2O  
 GL Soil container (9) oz  
 GL VOA Vial (X) 15 ml H2O  
 GL Amber 100ml (X) as is (H2O)  
 PL As is (X) 250ml (X) as is (H2O)  
 PL H2SO4 (X) 250ml (X) as is (H2O)  
 PL HNO3 250ml  
 Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
010282	Sludge	SL	4/21/15	N/A

Relinquished by: [Signature] Accepted by: [Signature]  
 Date: 4-22-15 2:15  
 Turnaround: [Signature]  
 Comments, Special Requirements or Regulations:  
 New Rochelle 2nd Qtr 2015

State where samples were collected: \_\_\_\_\_

\* SURCHARGE APPLIES

<input type="checkbox"/> Direct Exposure (Residential)	<input type="checkbox"/> RCP Cert	<input type="checkbox"/> MCP Certification	<input type="checkbox"/> Excel
<input type="checkbox"/> GW	<input type="checkbox"/> GW Protection	<input type="checkbox"/> GW-1	<input type="checkbox"/> PDF
<input type="checkbox"/> Other	<input type="checkbox"/> SW Protection	<input type="checkbox"/> GW-2	<input type="checkbox"/> GIS/Key
	<input type="checkbox"/> GA Mobility	<input type="checkbox"/> GW-3	<input type="checkbox"/> EQUIS
	<input type="checkbox"/> GB Mobility	<input type="checkbox"/> S-1	<input type="checkbox"/> Other
	<input type="checkbox"/> Residential DEC	<input type="checkbox"/> S-2	Data Package
	<input type="checkbox"/> I/C DEC	<input type="checkbox"/> S-3	<input type="checkbox"/> Tier II Checklist
	<input type="checkbox"/> Other	<input type="checkbox"/> MWRA eSMART	<input type="checkbox"/> Full Data Package*
		<input type="checkbox"/> Other	<input type="checkbox"/> Phoenix Std Report
			<input type="checkbox"/> Other

\* SURCHARGE APPLIES

Cooler: Yes  No   
 Coollant: IPK  ACE  No

Temp 0 C 0 Pg of

Data Delivery:  
 Fax #:  
 Email: tom@deller@veolia.com

Project P.O. 2nd Qtr  
 This section MUST be completed with Bottle Quantities.

**CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: 2nd 2015  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

Samplers Signature: [Signature] Date: 4-21-15  
 Matrix Code: SL  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Analysis Request	Asbestos	Chromium	Nickel	Fixed Solids	Volatile Solids	Mercury	Lead	Cadmium	Cobalt	Copper	Zinc
Soil VOA Vials (Inhalant) H2O											
40 ml VOA Vial ( 8 ) oz											
GL Soil container ( 8 ) oz											
GL Amber 1000ml ( x ) as is ( H2O )											
PL AS is ( 1250ml ) x as is ( H2O )											
PL H2SO4 ( X ) 1250ml ( 500ml )											
PL HNO3 250ml											
Bacteria Bottle											

Requisitioned by: [Signature] Accepted by: [Signature]  
 Date: 4-22-15 Time: 2:15  
 RI:  Direct Exposure (Residential)  GW  Other  
 CT:  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other  
 MA:  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other  
 Data Format:  Excel  PDF  GIS/Key  EQu/S  Other  
 Data Package:  Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other  
 Turnaround:  1 Day\*  2 Days\*  3 Days\*  Standard  Other  
 \* SURCHARGE APPLIES  
 State where samples were collected: \_\_\_\_\_  
 \* SURCHARGE APPLIES  
 Comments, Special Requirements or Regulations:  
 New Rochelle 2nd Qtr 2015

# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**

Coolant:  IPK  ICE  No  No  
 Temp  °C  Pg of

Data Delivery:  Fax # \_\_\_\_\_  
 Email: tom.deller@veolia.com

Customer: Veolia Water, NA Project: Naugatuck Report to: Tom Deller 2nd Qtr  
 Address: 500 Cherry St Ext Naugatuck, Ct 06770 Invoice to: [Redacted] 2nd 2015  
 Attn: Tom Deller Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

This section MUST be completed with Bottle Quantities.

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Analysis Request

<input checked="" type="checkbox"/>	Asenic Beryllium, Cadmium
<input checked="" type="checkbox"/>	Chromium, Copper, Lead, Mercury
<input checked="" type="checkbox"/>	Nickel, PH, PCB's, selenium
<input checked="" type="checkbox"/>	Yolville solids, Zinc
<input checked="" type="checkbox"/>	Fixed solids, Total Solids
<input checked="" type="checkbox"/>	40 ml VOA Vial ( 8 ) oz
<input checked="" type="checkbox"/>	GI Soil container ( 8 ) oz
<input checked="" type="checkbox"/>	GI VOA Vial ( X ) As ts ( H2O
<input checked="" type="checkbox"/>	GI Amber 1000ml ( X ) As ts ( H2O
<input checked="" type="checkbox"/>	PL As ts ( 250ml ) 150ml ( X ) 100-ml
<input checked="" type="checkbox"/>	PL H2SO4 ( X ) As ts ( H2SO4
<input checked="" type="checkbox"/>	PL HNO3 250ml
<input checked="" type="checkbox"/>	Bacteria Btke

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
	Sludge	SL	4/21/15	N/A

Relinquished by: *[Signature]* Accepted by: *[Signature]*  
 Date: 4-22-15 Time: 2:15  
 Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES  
 Comments, Special Requirements or Regulations:  
 New Rochelle 2nd Qtr 2015  
 State where samples were collected: \_\_\_\_\_  
 \* SURCHARGE APPLIES



Monday, July 20, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ46313

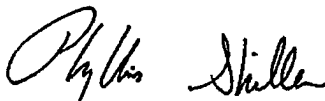
This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,



Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 July 20, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

Sample Information

Matrix: WASTE WATER  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

Custody Information

Collected by: TD  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 07/13/15  
 07/14/15        15:33

Laboratory Data

SDG ID: GBJ46313  
 Phoenix ID: BJ46313

Project ID: NAUGATUCK  
 Client ID: WASTEWATER-MT EBO

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	< 0.040	0.040	mg/L	1	07/16/15	LK	E200.7
Beryllium	< 0.010	0.010	mg/L	1	07/16/15	LK	E200.7
Cadmium	0.0031	0.0010	mg/L	1	07/17/15	RS	SM3113B
Chromium	0.163	0.010	mg/L	1	07/16/15	LK	E200.7
Copper	2.16	0.050	mg/L	1	07/16/15	LK	E200.7
Mercury	0.0012	0.0004	mg/L	1	07/16/15	RS	E245.1
Nickel	2.00	0.010	mg/L	1	07/16/15	LK	E200.7
Lead	0.241	0.020	mg/L	1	07/16/15	LK	E200.7
Selenium	< 0.010	0.010	mg/L	1	07/16/15	RS	SM3113B-10
Zinc	5.07	0.020	mg/L	1	07/16/15	LK	E200.7
Fixed Solids	2200	10	mg/L	1	07/16/15	TM	SM209D/E160.4
pH	7.01	0.10	pH Units	1	07/14/15 22:31	RR/EG	SM4500-H B-00
Total Solids	6800	100	mg/L	10	07/16/15	TM	SM2540B-97
Volatile Solids	4600	100	mg/L	1	07/16/15	TM	SM2540E/E160.4-9
Mercury Digestion	Completed				07/16/15	II	E245.1
PCB Extraction	Completed				07/14/15	L	SW3510C
Total Metals Digestion	Completed				07/15/15	AG	

Polychlorinated Biphenyls

PCB-1016	ND	10	ug/L	1	07/15/15	AW	E608
PCB-1221	ND	10	ug/L	1	07/15/15	AW	E608
PCB-1232	ND	10	ug/L	1	07/15/15	AW	E608
PCB-1242	ND	10	ug/L	1	07/15/15	AW	E608
PCB-1248	ND	10	ug/L	1	07/15/15	AW	E608
PCB-1254	15	10	ug/L	1	07/15/15	AW	E608
PCB-1260	ND	10	ug/L	1	07/15/15	AW	E608
PCB-1262	ND	10	ug/L	1	07/15/15	AW	E608
PCB-1268	ND	10	ug/L	1	07/15/15	AW	E608

Project ID: NAUGATUCK  
Client ID: WASTEWATER-MT EBO

Phoenix I.D.: BJ46313

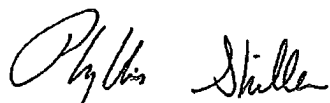
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<b><u>QA/QC Surrogates</u></b>							
% DCBP	74		%	1	07/15/15	AW	30 - 150 %
% TCMX	78		%	1	07/15/15	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 20, 2015

Reviewed and Released by: Deb Lawrie, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

July 20, 2015

QA/QC Data

SDG I.D.: GBJ46313

Parameter	Blank	Bik RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 313488 (mg/L), QC Sample No: BJ44588 (BJ46313)													
Selenium - Water	BRL	0.005	<0.001	<0.005	NC	105	110	4.7	78.4	84.6	7.6	75 - 125	20
QA/QC Batch 313669 (mg/L), QC Sample No: BJ45705 (BJ46313)													
Cadmium - Water	BRL	0.0001	<0.0001	<0.0001	NC	108	107	0.9	104	100	3.9	75 - 125	20
QA/QC Batch 313920 (mg/L), QC Sample No: BJ46657 (BJ46313)													
<u>ICP Metals - Aqueous</u>													
Arsenic	BRL	0.004	<0.004	<0.004	NC	98.3	95.9	2.5	95.9	98.1	2.3	75 - 125	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	101	99.2	1.8	96.7	98.9	2.2	75 - 125	20
Chromium	BRL	0.001	0.017	0.016	6.10	99.0	97.3	1.7	95.2	97.2	2.1	75 - 125	20
Copper	BRL	0.005	<0.005	<0.005	NC	99.3	97.3	2.0	103	105	1.9	75 - 125	20
Lead	BRL	0.002	<0.002	<0.002	NC	98.0	95.8	2.3	92.2	94.2	2.1	75 - 125	20
Nickel	BRL	0.001	0.003	0.003	NC	98.3	97.1	1.2	93.3	95.2	2.0	75 - 125	20
Zinc	BRL	0.002	<0.002	<0.002	NC	98.3	96.5	1.8	96.8	98.5	1.7	75 - 125	20
QA/QC Batch 313918 (mg/L), QC Sample No: BJ46701 (BJ46313)													
Cadmium - Water	BRL	0.0001	<0.0001	<0.0001	NC	106	109	2.8	106	105	0.9	75 - 125	20
QA/QC Batch 313980 (mg/L), QC Sample No: BJ46865 (BJ46313)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	90.1	88.4	1.9	82.6	81.5	1.3	70 - 130	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

July 20, 2015

QA/QC Data

SDG I.D.: GBJ46313

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 313997 (mg/L), QC Sample No: BJ46313 (BJ46313)													
Total Solids	BRL	10	0.736	7100	200	101						85 - 115	20 r
QA/QC Batch 313871 (PH), QC Sample No: BJ46739 (BJ46313)													
pH - Soil			7.86	7.89	0.40	99.7						85 - 115	20

r = This parameter is outside laboratory rpd specified recovery limits.





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**  
 July 20, 2015

QA/QC Data

SDG I.D.: GBJ46313

Parameter	Bik		LCS %	LCS D %	LCS RPD	MS %	MS D %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
QA/QC Batch 313802 (ug/L), QC Sample No: BJ45864 (BJ46313)										
<u>Polychlorinated Biphenyls - Waste Water</u>										
PCB-1016	ND	0.050	121	117	3.4				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	138	134	2.9				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	63	%	85	84	1.2				30 - 150	20
% TCMX (Surrogate Rec)	53	%	77	72	6.7				30 - 150	20

**Comment:**

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCS D - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Inf - Interference

*Phyllis Shiller*  
 Phyllis Shiller, Laboratory Director  
 July 20, 2015

# Sample Criteria Exceedences Report

Criteria: None

State: CT

GBJ46313 - VEOLIANA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 645-0823  
Client Services (860) 645-8726

CHAIN OF CUSTODY RECORD

Coolant:  PK  ICE  No  No  
Temp °C Pg of

Data Delivery:  Fax #:   
 Email: tom.deller@veolia.com

Customer: Veolia Water, NA  
Address: 500 Cherry St Ext  
Naugatuck, Ct 06770  
Attn: Tom Deller

Project: Naugatuck  
Report to: Tom Deller  
Invoice to: 3rd Qtr 2015 Mt Ebo  
Phone #: 203-723-1433 ext 2004  
Fax #: 203-723-8539

Project P.O: 3rd Qtr 2015 Mt Ebo

Sampler's Signature: [Signature] Date: 7-14-15  
Client Sample - Information - Identification

Matrix Codes:  
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
40313	Wastewater	WW	7/13/15	N/A

Analysis Request  
Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Pl, PCBs, Selenium, Volatile solids, Total Solids, Fixed solids, Total Solids

GL VOA Vials (1 methanol, 1 H2O)	GL Seal container (8 )oz	GL Amber 1000ml (1) As Et (1) HCl	PL As Et (1) 250ml (1) 500ml (1) 1000ml	PL H2SO4 (X) 250ml (1) 500ml (1) 1000ml	Bacteria bottle
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

RI	CT	MA	Data Format
<input type="checkbox"/> Direct Exposure (Residential) <input type="checkbox"/> GW <input type="checkbox"/> Other	<input type="checkbox"/> RCP Cert <input type="checkbox"/> GW Protection <input type="checkbox"/> SW Protection <input type="checkbox"/> GA Mobility <input type="checkbox"/> GB Mobility <input type="checkbox"/> Residential DEC <input type="checkbox"/> I/C DEC <input type="checkbox"/> Other	<input type="checkbox"/> MCP Certification <input type="checkbox"/> GW-1 <input type="checkbox"/> GW-2 <input type="checkbox"/> GW-3 <input type="checkbox"/> S-1 <input type="checkbox"/> S-2 <input type="checkbox"/> S-3 <input type="checkbox"/> MW/RA eSMART <input type="checkbox"/> Other	<input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> Other

Revised/Retested by: [Signature] Accepted by: [Signature]  
Date: 8/25/14 12:30  
Time: 7/14/15 1533

Comments, Special Requirements or Regulations:  
  
3rd Qtr 2015 Mt Ebo

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

\*SURCHARGE APPLIES

State where samples were collected: \_\_\_\_\_

\*SURCHARGE APPLIES



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



**Customer:** Veolia Water, NA  
**Address:** 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

**Project:** Naugatuck  
**Report to:** Tom Deller  
**Invoice to:** 3rd Qtr 2015 Mt Ebo  
**Phone #:** 203-723-1433 ext 2004  
**Fax #:** 203-723-8539

**Project P.O.:** 3rd Qtr 2015 Mt Ebo

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
	Wastewater	WW	7/13/15	N/A	Asenic, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, pH, PCBs, Selenium, Total Solids, Zinc
					40 ml VOA Vial (x 1) As Is [HCl GL Soil container ( 8 ) oz
					GL Soil container ( 8 ) oz
					GL Amber 1000ml (x 1) As Is [HCl PL As Is [ 250ml [ 1500ml [X] H2SO4
					PL As Is [ 250ml [ 1500ml [X] H2SO4
					PL HNO3 250ml
					PL HNO3 250ml
					Bacteria Bottle

**Relinquished by:** *[Signature]* **Accepted by:** *[Signature]*  
**Date:** 7/13/15 **Time:** 1:30

**Turnaround:**  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

**Comments, Special Requirements or Regulations:**  
 3rd Qtr 2015 Mt Ebo

**State where samples were collected:** \_\_\_\_\_

\* SURCHARGE APPLIES

**Data Format:**  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other

**Data Package:**  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

\* SURCHARGE APPLIES



Thursday, May 28, 2015

Attn: Mr. Tom Deller  
Veolia Water, Naugatuck Plant  
500 Cherry Street  
Naugatuck, CT 06770

Project ID: NAUGATUCK  
Sample ID#s: BJ18933

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,



Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 28, 2015

FOR: Attn: Mr. Tom Deller  
 Veolia Water, Naugatuck Plant  
 500 Cherry Street  
 Naugatuck, CT 06770

Sample Information

Matrix: WASTE WATER  
 Location Code: VEOLIANA  
 Rush Request: Standard  
 P.O.#: 7766000379

Custody Information

Collected by: TD  
 Received by: LB  
 Analyzed by: see "By" below

Date            Time  
 05/19/15  
 05/19/15    16:30

Laboratory Data

SDG ID: GBJ18933  
 Phoenix ID: BJ18933

Project ID: NAUGATUCK  
 Client ID: WASTEWATER

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	< 0.040	0.040	mg/L	1	05/23/15	LK	E200.7
Beryllium	< 0.010	0.010	mg/L	1	05/23/15	LK	E200.7
Cadmium	0.0009	0.0002	mg/L	1	05/27/15	RS	SM3113B
Chromium	0.371	0.010	mg/L	1	05/23/15	LK	E200.7
Copper	37.2	0.50	mg/L	10	05/26/15	LK	E200.7
Mercury	0.0033	0.002	mg/L	1	05/21/15	RS	E245.1
Nickel	0.778	0.010	mg/L	1	05/23/15	LK	E200.7
Lead	0.799	0.020	mg/L	1	05/23/15	LK	E200.7
Selenium	< 0.001	0.001	mg/L	1	05/21/15	RS	SM3113B-10
Zinc	77.5	0.20	mg/L	10	05/26/15	LK	E200.7
Fixed Solids	7000	10	mg/L	1	05/20/15	KH	SM209D/E160.4
pH	6.7	0.10	pH Units	1	05/19/15 22:08	RWR	SM4500-H B-00
Total Solids	20000	100	mg/L	10	05/20/15	KH	SM2540B-97
Volatile Solids	13000	100	mg/L	1	05/20/15	KH	SM2540E/E160.4-9
Mercury Digestion	Completed				05/21/15	I/I	E245.1
PCB Extraction	Completed					L	SW3510C
Total Metals Digestion	Completed				05/20/15	AG	

Polychlorinated Biphenyls

PCB-1016	ND	10	ug/L	1	05/21/15	AW	E608
PCB-1221	ND	10	ug/L	1	05/21/15	AW	E608
PCB-1232	ND	10	ug/L	1	05/21/15	AW	E608
PCB-1242	ND	10	ug/L	1	05/21/15	AW	E608
PCB-1248	ND	10	ug/L	1	05/21/15	AW	E608
PCB-1254	ND	10	ug/L	1	05/21/15	AW	E608
PCB-1260	ND	10	ug/L	1	05/21/15	AW	E608
PCB-1262	ND	10	ug/L	1	05/21/15	AW	E608
PCB-1268	ND	10	ug/L	1	05/21/15	AW	E608

Project ID: NAUGATUCK  
Client ID: WASTEWATER

Phoenix I.D.: BJ18933

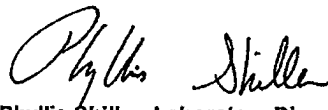
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<b>QA/QC Surrogates</b>							
% DCBP	63		%	1	05/21/15	AW	30 - 150 %
% TCMX	71		%	1	05/21/15	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 28, 2015

Reviewed and Released by: Deb Lawrie, Project Manager





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

May 28, 2015

## QA/QC Data

SDG I.D.: GBJ18933

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 308263 (mg/L), QC Sample No: BJ18017 (BJ18933)													
Cadmium - Water	BRL	0.0001	0.0001	0.0001	NC	119	119	0.0	116	120	3.4	75 - 125	20
Selenium - Water	BRL	0.005	<0.001	<0.005	NC	108	115	6.3	107	118	9.8	75 - 125	20
QA/QC Batch 308351 (mg/L), QC Sample No: BJ18228 (BJ18933)													
<u>ICP Metals - Aqueous</u>													
Arsenic	BRL	0.004	<0.004	<0.004	NC	104	104	0.0	112	112	0.0	75 - 125	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	107	107	0.0	114	115	0.9	75 - 125	20
Chromium	BRL	0.001	0.003	0.002	NC	106	107	0.9	113	114	0.9	75 - 125	20
Copper	BRL	0.005	0.189	0.178	6.00	106	107	0.9	116	117	0.9	75 - 125	20
Lead	BRL	0.002	0.004	0.002	NC	104	105	1.0	110	111	0.9	75 - 125	20
Nickel	BRL	0.001	0.013	0.012	8.00	106	107	0.9	112	113	0.9	75 - 125	20
Zinc	BRL	0.002	0.348	0.324	7.10	105	106	0.9	113	114	0.9	75 - 125	20
QA/QC Batch 308546 (mg/L), QC Sample No: BJ19588 (BJ18933)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	107	94.2	12.7	96.3	103	6.7	70 - 130	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

May 28, 2015

## QA/QC Data

SDG I.D.: GBJ18933

Parameter	Blank	Bik RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 308431 (mg/L), QC Sample No: BJ17735 (BJ18933)													
Total Solids	BRL	10	14000	15000	6.90	101						85 - 115	20
QA/QC Batch 308389 (pH), QC Sample No: BJ18409 (BJ18933)													
pH			8.6	8.6	0	98.1						85 - 115	20



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**QA/QC Report**

May 28, 2015

QA/QC Data

SDG I.D.: GBJ18933

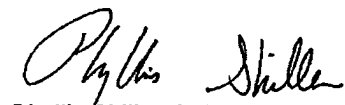
Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 308258 (ug/L), QC Sample No: BJ18104 (BJ18933)										
<u>Polychlorinated Biphenyls - Waste Water</u>										
PCB-1016	ND	0.050	111	117	5.3				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	116	120	3.4				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	81	%	69	81	16.0				30 - 150	20
% TCMX (Surrogate Rec)	64	%	84	91	8.0				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 May 28, 2015

Thursday, May 28, 2015

Page 1 of 1

# Sample Criteria Exceedences Report

Criteria: None

State: CT

GBJ18933 - VEOLIANA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: [info@phoenixlabs.com](mailto:info@phoenixlabs.com) Fax (860) 645-0823  
**Client Services (860) 645-8726**



Customer: Veolia Water, NA  
 Address: 500 Cherry St Ext  
 Naugatuck, Ct 06770  
 Attn: Tom Deller

Project: Naugatuck  
 Report to: Tom Deller  
 Invoice to: [Redacted]  
 Phone #: 203-723-1433 ext 2004  
 Fax #: 203-723-8539

Project P.O. #: \$ [Redacted] 2nd Qtr

**Next Sample - Information - Identification**  
 Sampler's Signature: *T. Deller* Date: 5-19-15  
 Matrix Codes: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Analysis Request:  
 Arsenic, Beryllium, Cadmium  
 Chromium, Copper, Lead, Mercury  
 Nickel, Pb, PCBs, Selenium  
 Fixed solids, Total Solids  
 Volatile solids, Zinc

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
18900	Wastewater	WW	5/19/15	N/A

Receiving by: *[Signature]* Accepted by: *[Signature]*  
 Date: 5-19-15 Time: 2:20  
 Date: 5/19/15 Time: 10:30

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

Comments, Special Requirements or Regulations:  
 Somers Chase 2nd Qtr 2015

RI  Direct Exposure (Residential)  
 GW  
 Other

CI  RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other

MA  MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWRA eSMART  
 Other

Data Format  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other  
 Data Package  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

**\* SURCHARGE APPLIES**

This section MUST be completed with Bottle Quantities.

Soil VOA Yst | methanol | H2O  
 GI Soil container | 8 | oz  
 GI Amber 100ml | x | As | HCl  
 GI Amber 100ml | x | As | H2SO4  
 GI Amber 100ml | x | As | HNO3  
 Bacteria BOMe  
 PL HNO3 25ml  
 PL H2SO4 | x | 250ml | 1500ml  
 PL HNO3 | x | 250ml | 1500ml  
 PL H2SO4 | x | 250ml | 1500ml

Cooler: Yes  No   
Coolant: IPK  ICE   
Temp 4 ° C Pg 1 of 1

### CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 645-0823  
Client Services (860) 645-8726



Customer: Veolia Water, NA  
Address: 500 Cherry St Ext  
Naugatuck, Ct 06770  
Attn: Tom Deller  
Project: Naugatuck Project P.O.: [Redacted] 2nd Qtr  
Report to: Tom Deller  
Invoice to: [Redacted] 2nd Qtr 2015  
Phone #: 203-723-1433 ext 2004  
Fax #: 203-723-8539  
Data Delivery:  Fax #: \_\_\_\_\_  Email: tom.deller@veolia.com

Client Sample - Information - Identification Date: 5-19-15

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
<u>18903</u>	<u>Wastewater</u>	<u>WW</u>	<u>5/19/15</u>	<u>N/A</u>

Matrix Code:  
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
OIL=Oil B=Bulk L=Liquid

Analysis Request  
Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, pH, PCBs, Selenium, Triad solids, Total Solids, Volatile solids, Zinc

Analysis Request	As	Br	Cd	Cr	Cu	Hg	Mn	Ni	Pb	Se	Si	Sl	SS	SW	TD	TSS	V	Zn		
sol VOA yals [ methanol ] H2O	X																			
40 ml VOA Vial (x) As [ or HCl																				
GL soil container ( 8 ) or																				
GL soil container ( 8 ) or																				
PL As [ or ] 250ml ( x ) As [ or HCl																				
PL H2SO4 ( x ) 250ml ( x ) H2SO4																				
PL HNO3 250ml																				
Bacteria Bottle																				

Requisitioned by: [Signature] Accepted by: [Signature]  
Date: 5-19-15 Time: 2:20  
Turnaround: 5/19/15 1030  
Turnaround:  
 1 Day  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
\* SURCHARGE APPLIES

State where samples were collected: \_\_\_\_\_

\* SURCHARGE APPLIES

Comments, Special Requirements or Regulations:  
[Signature]  
[Signature]  
[Signature]  
Sommers Chase 2nd Qtr 2015

Data Format  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other  
Data Package  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

MA  
 MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWPA eSMART  
 Other

CT  
 RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other

RI  
 Direct Exposure (Residential)  
 GW  
 Other