Borough of Naugatuck
Water Pollution Control Facility
Monthly Operating Report
July 2013

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VEOLIA
WATER

August 9, 2013

Ronald Merancy, Chairman
Water Pollution Control Authority
Borough of Naugatuck
229 Church Street
Naugatuck, CT 06770

Re: **July 2013 Monthly Operating Report**

Dear Mr. Merancy:

Enclosed please find Veolia Water's Monthly Operating Report for the month of July 2013.

Please contact me at the address below if you have any questions about this report.

Sincerely,
Veolia Water North America – Northeast, LLC

John Batorski
Plant Manager
Veolia Water Naugatuck

cc: WPCA members: Rimas Balsys, Catherine Aresta, Pat Mallane, James R. Stewart PE, LS, Director of Public Works, Borough of Naugatuck, Kathleen Luvisi, Senior Environmental Engineer, Alternative Resources, Inc.

(enclosure)

Veolia Water NA -Naugatuck
500 Cherry Street, Naugatuck, CT 06770
Tel 203-723-1433 / 203-723-8539
www.veoliawaterna.com

Borough of Naugatuck
Monthly WPCF Report July 2013

This report summarizes the activities at the Borough POTW for July 2013:

1. **Highlights and Significant Issues:** Please refer to the report.
2. **Collection System Update:**

Please see attached Collections Report.

3. **Plant Performance Summary:**

Please see the attached reports and graphs for additional performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	238
Effluent Avg.	30	6
Removal Efficiency	85%	97%
Plant Process Data*	**Limit**	**Actual**
Carbonaceous BOD		
Influent Avg.	-	165
Effluent Avg.	30	4
Removal Efficiency	85%	98%

	Naugatuck	Middlebury	Oxford	OTR
July Flow Avg. (MGD)	4.6	0.535	*	N/A
Sludge Liquid Total (MGal)				3674.5
Sludge Cake Total (Wet Tons)				6190.2
Septage Total (MGal)	45,335	55,000	147,250	762,250

Discharge Permit Exceedance: None

* *Unavailable at time of report (new flowmeter installation).*

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	1
Lost Time Accidents	0	1
Odor Complaints	2	10
Unconfirmed Odor Complaints	0	1

1. **Compliance & Regulatory Issues**
   a. There were two recorded Odor Complaints for July 2013.
   b. The annual stack test is being scheduled for Sept.17-19, 2013.
   c. NOV 17013 for the WESP has been closed by CTDEEP. A letter (attached) dated July 5, 2013 from CTDEEP confirms the closure of that NOV.
2. **Personnel**
   a. One employee was terminated July 25, 2013 for not adhering to attendance policies.
3. **Health & Safety**
   a. The Naugatuck Fire Department toured the facility Thursday, July 11, 18, 2 and 31. They were given handouts depicting locations of the chemical storage tanks, switchgear, and critical equipment.
   b. Two Borough personnel attended the OSHA 10 training on July 15th and 16th along with 6 Naugatuck staff and one person form the Gloucester project.
4. **Operational Information**
   a. Replacement aeration diffusers were installed in aeration tanks #2 and #3.
   b. The #2 Primary tank repairs are almost complete. Basically, the entire collector mechanism was rebuilt (bottom wear strips, new return rails and support

brackets, new chain, new sprockets, and new shear pin hubs). In addition, the grease scum troughs were replaced as the original troughs had holes in them.

5. **Collections**
   a. The original Plattsmill pump station pump rails require replacement at an estimated cost of $7800. The original rails are severely corroded. This is the last pump station that requires new rails.
6. **Maintenance**
   a. Caldon and G&L contractors have been used to augment maintenance as they are short two personnel. Overtime has also been used as need to keep up with plant maintenance during this period.
   b. The main bearings on the silo bottom conveyors require replacement. That job will be contracted out to Northeast Water.
   c. The expansion joints for the aeration tank air headers have been replaced on tanks #2 and #3.
   d. The north J Spin was sent to Centrysis for evaluation. Repairs cost $66,000.
   e. Work continued on primary tank repairs.
   f. The internal recycle pump was changed in the aeration tank #3.
6. **Capital Projects**
   a. The Pillar turbo aeration blower project is on schedule for an Aug 12, 2013 startup. The piping and electrical work for that project should be complete by Aug 8, 2013.

Borough of Naugatuck
Collections Systems Report
July 2013

VEOLIA WATER

	Calls for Service
1	378 North Main Street
2	
3	
4	
5	
6	

This Month	Year to Date
1	1

	Calls Caused By Collection System
1	None
2	
3	
4	

Reason

	High Velocity Cleaning		
	Street Name	Date	Footage
1	Clearview Circle	2nd	295
2		2nd	200
3		2nd	100
4		2nd	155
5	Galpin Street	10th	310
6	Brighton Road	11th	185
7		11th	200
8		11th	225
9	Lantern Park Easment	23rd	300
10		23rd	425
11		23rd	500
12		23rd	200
13	North Main Street	2nd	775
14	Moonlight Circle	24th	375
15		24th	400
16	Moonlight Circle Easment	24th	270
17	Morning Mist Road	24th	415
18	Rustling Reed Road	25th	350
19	Fox Run Drive	25th	615
20	Rustling Reed Road	25th	200
21		25th	150
22		25th	500
23	Sunburst Road	25th	750
24	General Patton Drive	30th	545
25		30th	255
26	Old Farm Road	30th	300
27		30th	300
28		30th	300
29		30th	145
30	Beacon Vally Road	31st	560
31	Bowman Drive	31st	300
32	Homestead Ave	31st	275
33		31st	340
34		31st	320
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
		This Month	
		11535	Feet

6 month list
Call for service

Year to Date	
11535	Feet

Vac Truck Information

Days out of the plant working		
This Month	YTD	Remaining
13	13	137

Fuel Information	Fuel Cost	Fuel Used		YTD Gallons	
	$245.00	58.3	Gallons	94.0	Gallons
	$150.00	35.7	Gallons		
			Gallons		
			Gallons	YTD Fuel Cost	
This Months Total	$395.00	94.0	Gallons	$395.00	

	Mileage
Month Start	165117.3
Month End	165890
Total	772.7

	Engine Hours
Month Start	4432.5
Month End	4481
Total	48.5

Utlity Truck Information	Fuel Cost	Fuel Used		YTD Gallons
	$130.00	31.7	Gallons	
	$107.00	25.4	Gallons	57.1
			Gallons	
			Gallons	YTD Fuel Cost
	$237.00	**57.1**	Gallons	$237.00

Other tasks and notes

1	1st - Mesured tree branches in Latern Park and contact Burough to trim so we could clean easment.
2	2nd - Flow study on Cliff Street to find lines.
3	8th - Dropped off F-350 for service.
4	9th - Repairs and monthly PM on Vac Truck.
5	10th - Replaced rubber tube on Vac Truck from tank to boom. Went over work order stuff with Ray.
6	11th - Took Ford Transit to Skrip's Autobody to get part. Picked up F-350.
7	15th, 16th - Colt attended OSHA 10 hour class. Stayed late to vac and clean storm drain sump.
8	20th, 21st - Worked on Airation Tank project.
9	22nd - Helped install sump pump in Airation Tank.
10	23rd - Fixed area Vac Truck sunk into on Latern Park Easment.
11	24th - Helped clean Airation Tank.
12	31st - Met with G&L on Spring Street to check on manhole projects.
13	
14	
15	
16	
17	
18	
19	
20	

Root Treatment

	Street Name	Type	Footage
1	None this month		
2			
3			

This Month		Year to Date	
0	Feet	0	Feet

Video Inspections

	Street Name	Type	Footage
1	Clearview Circle	Push	750
2	Marburn Lane	Push	200
3			
4			
5			

This Month		Year to Date	
950	Feet	950	Feet

Pump Station Services

	Work performed	Location	Date	Notes
1	Cleaned up litter	All 5	3rd, 12th	
2	Checked stations, pump install/removal	All 5	5th	Installed new pump at Horton Hill also
3	Cut Grass. Cleaned floats. New zip-ties	PM, I, M&M	8th	Call in for Low Levels at PM and M&M
4	Vacced and cleaned wetwells.	HB, HH	9th	
5	Check pump stations	All 5	12, 19, 26	Weekly checks
6	Replaced 2 floats, Low Level call in	PM	13th	Floats were bad. Replaced + tested.
7	New pump install	I	15th, 16th	Replaced burnt out pump. Wired connectors.
8	Vacced + cleaned wetwell. Installed new grinder.	M&M	17th	
9	Vacced and cleaned wetwells.	PM, I	18th	
10	Fixed leaking check valve.	I	19th	
11	Service 2 check valves. Losen pump from rail.	PM	29th	New pump was laso installed.

VEOLIA
WATER

Sent Certified R.R.R. mail #7009 2820 0004 1018 0361 on August 9, 2013

Connecticut Department of Energy and Environmental Protection
Bureau of Water Management
Aquatic Toxicity Monitoring
79 Elm Street
Hartford, CT 06106-5127

August 9, 2013

Re: Aquatic Toxicity Monitoring Report, 3rd Quarter 2013

To Whom It May Concern:

Enclosed please find the Naugatuck third quarter Aquatic Toxicity Monitoring Report for 2013.

Please contact me if you have any questions regarding the enclosed report.

Sincerely,
Veolia Water North America – Northeast, LLC

John Batorski
Plant Manager

cc: James R. Stewart PE, LS, Director of Public Works, Borough of Naugatuck
(enclosure)

Veolia Water NA -Naugatuck
500 Cherry Street, Naugatuck, CT 06770
Tel 203-723-1433 / 203-723-8539
www.veoliawaterna.com

New England Bioassay, a Division of GZA GeoEnvironmental, Inc.
www.nebio.com

Aquatic Toxicity Monitoring Report (ATMR)
Instruction Form -Municipal

New England Bioassay
a Division of GZA GeoEnvironmental, Inc.

77 Batson Drive
Manchester, CT
06042
860-643-9560
FAX 860-646-7169

Client Name/Project: PWO/Naugatuck Test Date: 7/12/13

Sample ID: BF64343

Your results were as follows:

☒ Pass

☐ Fail – Retesting is required within 30 days. Please proceed according to the instructions in the "Recording and Reporting of Violations" Section of your permit.

☐ Invalid – Retesting is required within 30 days. Please proceed according to the instructions in the "Recording and Reporting of Violations" Section of your permit.

☐ Unable to determine using the information available. Please compare results to your permit limits. Please submit a current copy of your permit to the New England Bioassay Laboratory so that we may accurately determine the status of your test results in the future and so that we can confirm that test protocols comply with your permit requirements.

Please complete the items on this bulleted list prior to submission of these data to the CTDEEP:

- Complete Part 3 of the ATMR, including the sample day's flow. If you do not have a facility-specific Part 3, please contact Thom Haze of the CTDEEP at thomas.haze@po.state.ct.us or (860) 424-3734 to obtain one.
- An authorized official from your facility must sign Part 1 of the ATMR.
- Complete the facility and sample collection section at the top of all pages of the ATMR.

Please detach this instruction form and the Chain-of-Custody and keep for your records. File the complete ATMR as follows:

- The complete ATMR (Parts 1, 2, 2S and 3) must be sent to the Bureau of Water Management at the following address:

  ATTN: Municipal Wastewater Monitoring Coordinator
  Connecticut Department of Energy and Environmental Protection
  Bureau of Water Management, Planning and Standards Division
  79 Elm St.
  Hartford, CT 06106-5127

- The results of chemical analyses (copied from the ATMR Part 3) and aquatic toxicity tests (Pass or Fail, not % survival) must be entered on the Discharge Monitoring Report (DMR), and the DMR must be received at the above address.

Questions? Please contact Kim Wills, Lab Manager at (860) 858-3153 or kimberly.wills@gza.com

NEW ENGLAND BIOASSAY

ATMR COVER SHEET

CLIENT: Phoenix Environmental Laboratories
ADDRESS: 587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
CONTACT: Ms. Bobbi Aloisa
SAMPLE: Naugatuck WPCF

D.pulex TEST ID #: 13-1429a
P.promelas TEST ID #: 13-1429b
COC #: c33-2981
PROJECT #: 05.0044745.0(

LABORATORY CONTROL WATER		
NEB Lot #:	A33-S009	SRCF
Hardness:	46	mg/L as $CaCO_3$
Alkalinity:	30	mg/L as $CaCO_3$

SAMPLE COLLECTION INFORMATION	FROM	TO
DATE:	7-10-13	7/11/2013
TIME:	12:15AM	12:10AM

INITIAL CHEMISTRY DATA				TECHNICIAN INITIALS:	PD
Color	light yellow	Temp. (C)	4.6	Hardness (mg/L)	90
Cond. (umhos/cm)	713	D.O.(mg/L)	9.2	Alkalinity (mg/L)	45
Salinity (ppt)	< 1	pH (su)	6.6	TRC (mg/L)	<0.02

INVERTEBRATE

Test Set Up Technician Initials: MV
Test Type: Screen
Test Species: *Daphnia pulex*
Source: New England Bioassay
NEB Lot#: Dp13(7-12)
Age: <24 Hours
Test Solution Volume: 30 ml
Organisms/Test Chamber: 10
Organisms/Concentration: 50
Organisms/Control: 30
START DATE: 7/12/2013 AT 1120
END DATE: 7/14/2013 AT 1030

VERTEBRATE

Test Set Up Technician Initials: MV
Test Type: Screen
Test Species: *Pimephales promelas*
Source: New England Bioassay
NEB Lot#: Pp13(6-28/13)
Age: 14 (1-14)Days
Test Solution Volume: 700 ml
Organisms/Test Chamber: 10
Organisms/Concentration: 50
Organisms/Control: 30
START DATE: 7/12/2013 AT 1150
END DATE: 7/14/2013 AT 1100

TEST SET UP CONDUCTIVITIES

D.p Control	170	umhos/cm	*P.p* Control	170	umhos/cm
100%	709	umhos/cm	100%	709	umhos/cm

Technician Initials:							
	D.pulex	0 Hour:	MV	24 Hour:	CW	48 Hour:	KS
	P.promelas	0 Hour:	MV	24 Hour:	CW	48 Hour:	KS

RESULTS OF *Daphnia pulex* Screening Test

Control: 100 % 100% 100 %
Replicate A: 100 %
Replicate B: 100 %
Replicate C: 100 %

RESULTS OF *Pimephales promelas* Screening Test

Control: 100 % 100% 100 %
Replicate A: 100 %
Replicate B: 100 %
Replicate C: 100 %

COMMENTS:

REVIEWED BY: [signature] DATE: 8/2/13

STATE OF CONNECTICUT ** DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Water Management: Aquatic Toxicity Monitoring Report – Part 1

Facility Name: Borough of Naugatuck WPCF NPDES ID: CT0100641 DSN-001-1

Receiving Water: Naugatuck River Waterbody ID: 6900

Sample Collection Date(s): 7-10-13 to 7/11/13

Sample Collection Time: FROM: 12:15 am (AM/PM) TO: 12:10 AM (AM/PM)

TOXICITY TEST SUMMARY (PASS/FAIL)

CONTROL SAMPLE RESULTS (% SURVIVAL)

TEST SPECIES	REPLICATE 1	REPLICATE 2	REPLICATE 3
Daphnia pulex	100%	100%	100%
Pimephales promelas	100%	100%	100%

If less than 90% survival is recorded for one or more replicate controls, the test is invalid and an additional effluent sample must be collected and the test procedure repeated. The results for all samples must be submitted to the DEP.

EFFLUENT SAMPLE RESULTS (MEAN % SURVIVAL)

TEST SPECIES	100% Effluent
Daphnia pulex	100%
Pimephales promelas	100%

For Official Use Only

If the mean percent survival for either or both species is less than 90%, the effluent is determined toxic and an additional effluent sample must be collected and the test procedure repeated. The results for all samples must be submitted to the DEP.

STATEMENT OF ACKNOWLEDGEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitted false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Official: John Batorski Title: Plant Manager

Signature: John Batorski Date: 8-9-13

AQUATIC TOXICITY MONITORING REPORT (ATMR) – PART 2

Facility Name: Borough of Naugatuck WPCF NPDES ID: CT0100641 DSN-001-1

Dilution Water: Soft Reconstituted Fresh Water (SRCF) Hardness: 50 ± 5 mg/L

Sample Collected On: 7/11/13 (date) Received On: 7/12/13 (date)

Test Species: *Daphnia pulex* Source: New England Bioassay Age: < 24 h

Test Duration: 48 hours Beginning: 1120 (am/pm) On: 7/12/13 (date)

Ending: 1030 (am/pm) On: 7/14/13 (date)

Effluent Dilution (%)	Number of Organisms Surviving			Dissolved Oxygen (mg/L)			Temperature (°C)			PH (SU)		
Tech	MV	CW	KS	MV	CW	KS	MV	CW	KS	MV	CW	KS
Hour	00	24	48	00	24	48	00	24	48	00	24	48
100% A	10	10	10	9.2	8.4	8.1	20	20	20	7.0	7.4	7.2
100% B	10	10	10			8.2			20			7.3
100% C	10	10	10			8.1			20			7.3
100% D	10	10	10			8.1			20			7.3
100% E	10	10	10			8.3			20			7.3
CONTROL 1	10	10	10	8.9	8.9	8.4	20	20	20	7.5	7.3	7.0
CONTROL 2	10	10	10			8.5			20			7.0
CONTROL 3	10	10	10			8.6			20			7.1

MEAN SAMPLE SURVIVAL (%)	CONTROL SURVIVAL (%)	#1	#2	#3
[(A+B+C+D+E) /5] X 10 = 100%		100%	100%	100%

REFERENCE TOXICANT RESULTS

SPECIES	DATE	REFERENCE TOXICANT	SOURCE	LC_{50}
Daphnia pulex	7/1/13	Copper Nitrate Lot #13-0102-013	ACROS/NEB	1.849 µg/L

COMMENTS

Note: At test initiation (0 h) and 24 h, dissolved oxygen, temperature, and pH were measured in separate chemistry replicates (without daphnids); at test completion (or when complete mortality occurred within a replicate) dissolved oxygen, temperature, and pH were measured directly from replicates with the test organisms.

STATEMENT OF ACKNOWLEDGEMENT

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the testing protocol described in EPA 600/4-90/027F and Sections 22a-430-3 and 22a-430-4 of the Regulations of Connecticut State Agencies except as noted above. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Laboratory Official: Kimberly Wills Title: Laboratory Manager

New England Bioassay

Signature: for Kim Wills Date: 8/2/13

AQUATIC TOXICITY MONITORING REPORT (ATMR) – PART 2

Facility Name: Borough of Naugatuck WPCF
NPDES ID: CT0100641 DSN-001-1
Dilution Water: Soft Reconstituted Fresh Water (SRCF)
Hardness: 50 ± 5 mg/L

Sample Collected On: 7/11/13 (date) Received On: 7/12/13 (date)

Test Species: *Pimephales promelas* Source: New England Bioassay Age: 14 days
Test Duration: 48 hours Beginning: 1150 (am/pm) On: 7/12/13 (date)
Ending: 1100 (am/pm) On: 7/14/13 (date)

Effluent Dilution (%)	Number of Organisms Surviving			Dissolved Oxygen (mg/L)			Temperature (°C)			pH (SU)		
Tech	MV	CW	KS	MV	CW	KS	MV	CW	KS	MV	CW	KS
Hour	00	24	48	00	24	48	00	24	48	00	24	48
100% A	10	10	10	9.2	7.9	7.9	20	20	20	7.0	7.3	7.2
100% B	10	10	10		7.6	7.6		20	20		7.2	7.1
100% C	10	10	10		7.7	7.7		20	20		7.2	7.2
100% D	10	10	10		7.7	7.7		20	20		7.2	7.2
100% E	10	10	10		7.8	7.8		20	20		7.2	7.2
CONTROL 1	10	10	10	8.9	8.3	7.9	20	20	20	7.5	7.5	7.0
CONTROL 2	10	10	10		8.1	7.6		20	20		7.5	7.0
CONTROL 3	10	10	10		8.1	7.7		20	20		7.5	7.0

MEAN SAMPLE SURVIVAL (%)	CONTROL SURVIVAL (%)	#1	#2	#3
[(A+B+C+D+E) /5] X 10 = 100%		100%	100%	100%

REFERENCE TOXICANT RESULTS

SPECIES	DATE	REFERENCE TOXICANT	SOURCE	LC_{50}
Pimephales promelas	7/1/13	Copper Nitrate Lot #13-0102-013	ACROS/NEB	78.146µg/L

COMMENTS

STATEMENT OF ACKNOWLEDGEMENT

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the testing protocol described in EPA 600/4-90/027F and Sections 22a-430-3 and 22a-430-4 of the Regulations of Connecticut State Agencies except as noted above. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Laboratory Official: Kimberly Wills
New England Bioassay
Title: Laboratory Manager

Signature: [illegible] for Kim Wills
Date: 8/2/13

SUPPLEMENTAL CHEMISTRY (PART 2S)

Facility Name: Borough of Naugatuck WPCF NPDES ID: CT0100641 DSN-001-1

Receiving Water: Naugatuck River Waterbody ID: 6900

Sample Collection Date(s): FROM: 7-10-13 TO: 7/11/13

Sample Collection Time(s): FROM: 12:15 am (AM/PM) TO: 12:10 am (AM/PM)

Effluent Sample at Arrival

Parameter		Effluent Sample
	Tech Initials	PD
	Date & Time	7/12/13 @ 0755
Temperature (°C)		4.6
pH (standard units)		6.6
Alkalinity (mg/L)		45
Conductivity (µS)		713
Hardness(mg/L)/Salinity(ppt)		90 / <1
Color:		Light yellow
TRC (mg/L)		<0.02

100% Test Sample

Parameter		*Daphnia pulex*		*Pimephales promelas*	
	Hours	Initial (00)	Final (48)	Initial (00)	Final (48)
Tech Initials		PD	KS	PD	KS
Conductivity (µS)		709	760	709	720
Alkalinity (mg/L)		45	55	45	50
Hardness(mg/L) / Salinity(ppt)		90 / <1	98 / <1	90 / <1	94 / <1
TRC (mg/L)		<0.02	<0.02	<0.02	<0.02

0% Test Sample (Control)

Parameter		*Daphnia pulex*		*Pimephales promelas*	
	Hours	Initial (00)	Final (48)	Initial (00)	Final (48)
Tech Initials		MV	KS	MV	KS
Conductivity (µS)		170	180	170	184
Alkalinity (mg/L)		30	40	30	40
Hardness(mg/L) / Salinity(ppt)		46 / <1	48 / <1	46 / <1	48 / <1
TRC (mg/L)		<0.02	<0.02	<0.02	<0.02

Laboratory Official: Kim Wills Title: Lab Manager

Signature: [illegible] for Kim Wills Date: 8-2-13

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

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

Data Delivery:
☐ Fax #:
☑ Email:

Customer: NEB / OZA
Address: Manchester

Project:
Report to: Bobbi A
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: _____ Date: _____

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: Arsenic; Cube

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Arsenic	Cube
C33-2981	BF 04343 (Maria Navarrete)	WW	7-11-13		X	X
C33-2982	BD 04604 Meriden	WW	7-11-13	12:20	X	X

Soil VOA Vials [ ] methanol [ ] H2O
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	7-12-13	0655
	Pat Deme	7-12-13	0755

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

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

State where samples were collected: CT

04343

STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Water Management: Aquatic Toxicity Monitoring Report - PART 3

NPDES Permit:	CT0100641	Exp:	8/7/06	Phone1:	(203) 723-1438
Facility:	Naugatuck WPCF	Contact:	John Batarsky	Phone2:	
Address:	500 Cherry Street	Town:	Naugatuck	Zip:	06770

STATEMENT OF ACKNOWLEDGEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Official: John Batarsky

Title: Plant Manager

Signature: [signature]

Date: 8-9-13

Sample Date: 7-10-13

Sample Day's Flow: 5.1 MGD

JAN APR (JUL) OCT (Circle one)

REPEAT MONTH:

FREQUENCY	MONLOC	UNITS	PARAMETER	MINIMUM LEVEL	RESULT
Each Test	001 T	mg/L	BOD, 5 DAY		<4.0
Each Test	001 T	mg/L	SUSPENDED SOLIDS, TOTAL		<5.0
Each Test	001 T	mg/L	AMMONIA, Total		1.01
Each Test	001 T	mg/L	NITRITE, as N		0.06
Each Test	001 T	mg/L	NITRATE, as N		3.52
Each Test	001 T	mg/L	CYANIDE, Total		<0.01
Each Test	001 T	mg/L	CYANIDE, Amenable		<0.01
Each Test	001 T	mg/L	BERYLLIUM, Total	0.001 mg/L	<0.001
Each Test	001 T	mg/L	ARSENIC, Total	0.005 mg/L	0.004
Each Test	001 T	mg/L	CADMIUM, Total	0.0005 mg/L	<0.0002
Each Test	001 T	mg/L	CHROMIUM, Hexavalent		<0.01

Aquatic Toxicity Monitoring Report - PART 3

FREQUENCY	MONLOC	UNITS	PARAMETER	MINIMUM LEVEL	RESULT
Each Test	001 T	mg/L	CHROMIUM, Total		<0.001
Each Test	001 T	mg/L	COPPER, Total	0.005 mg/L	0.006
Each Test	001 T	mg/L	LEAD, Total	0.005 mg/L	<0.001
Each Test	001 T	mg/L	THALLIUM, Total	0.005 mg/L	<0.002
Each Test	001 T	mg/L	NICKEL, Total		0.015
Each Test	001 T	mg/L	SILVER, Total	0.002 mg/L	<0.001
Each Test	001 T	mg/L	ZINC, Total	0.020 mg/L	0.058
Each Test	001 T	mg/L	ANTIMONY, Total		<0.005
Each Test	001 T	mg/L	SELENIUM, Total	0.005 mg/L	0.004
Each Test	001 T	mg/L	PHENOLS		<0.015
Each Test	001 T	mg/L	MERCURY, Total	0.0002 mg/L	<0.0002

Testing Laboratory: Phoenix Environmental Signature: [signature] Date: 8-2-2013

FOR OFFICIAL USE ONLY:

AQUATIC TOXICITY: *Daphnia pulex* TGA3D

AQUATIC TOXICITY: *Pimephales promelas* TGA6C

Cooler: Yes ☐ No ☐
Coolant: IPK ☑ ICE ☐ N ☐

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6.0 °C Pg of

Data Delivery:
☐ Fax #:
☐ Email:

Customer: VEOLIA WATER
Address: 500 CHERRY ST EXT.
NAUGATUCK, CT 06770

Project: NAUGATUCK
Report to: TOM DELLER
Invoice to: 2013-JULY ATMR

Project P.O: 2013-JULY ATMR
Phone #: 203-723-1433 EXT 2004
Fax #:

Client Sample - Information - Identification

Sampler's Signature: T-Deller Date: 7/11/13

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	AQUATIC TOXICITY	CWSE	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [X] H2SO4	PL As is [ ] 250ml [ ] 500ml [X] 1000ml	PL H2SO4 [X] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
04343	EFFLUENT	WW	7-10-13	24hr	X	X				X	X	X	X	X		

Relinquished by:	Accepted by:	Date:	Time:
T-Deller	[signature]	7/11/13	1:03
[signature]	T-[signature]	7-11-13	14:24

Comments, Special Requirements or Regulations:
2013-JULY ATMR

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

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

State where samples were collected: CT

VEOLIA
WATER

Sent via certified mail #7009 2820 0004 1018 0385 on August 9, 2013

Municipal Wastewater Monitoring Coordinator
Connecticut Department of Environmental Protection
Bureau of Water Management
79 Elm Street
Hartford, CT 06106-5127

August 9, 2013

Re: July 2013 Reports for Naugatuck, CT WPCF, NPDES # CT0100641

Dear Sir/Madam:

Enclosed please find the *Monthly Operating Report, Monthly Total Phosphorus, Seasonal Total Phosphorus and Nutrients Analysis Report* for the month for July 2013. The *Nutrients Analysis Report for Compliance with General Permit for Nitrogen Discharges and Discharge Monitoring Report* was submitted electronically. There were no exceptions to the reports.

Also enclosed is a summary of sludge sources received at this facility during the month of July 2013.

The diffusers were replaced in aeration tanks #2 and #3 during the month of July. Appropriate Loss of Tank forms were filed with CTDEEP (notified by telephone and written report).

Please contact me if you have any questions regarding the enclosed revised report.

Sincerely,
Veolia Water North America – Northeast, LLC

John Batorski
Plant Manager

cc: James R. Stewart PE, LS, Director of Public Works, Borough of Naugatuck
(Enclosure)

Veolia Water NA -Naugatuck
500 Cherry Street, Naugatuck, CT 06770
Tel 203-723-1433 / 203-723-8539
www.veoliawaterna.com

Sample month: Jul,2013
Facility ID: 088-001
Page 1 of MOR for permit # CT0100641

Operator: John Batorski
Permit expiration date: August 7, 2006

Please return forms to: DEP-BWM
79 Elm Street
Hartford, CT 06106-5127

Date received: (stamped)

P. 18

	Daily Flow			Primary Sludge			Aeration Tanks				Return sludge		Waste sludge	Dry solids to incineration	Waste accepted		CBOD (5-day)			Suspended Solids			Settleable Solids	Turbidity	Comments
	Max.	Min.	Total	Vol.	%	wt.	MLSS	SVI	DO Hi	DO Lo	% flow	% solids					Inf.	Prim. Eff.	Final Eff.	Inf.	Prim. Eff.	Final Eff.			
Units	mgd			gal.	solids	lbs.			mg/l						septic	indust									
Freq	daily			work day			work day				work day		lbs work day	lbs work day	gal work day	gal	mg/l Daily			mg/l Daily			Eff. ml/l work day	Eff. NTU work day	
01	10.0	3.4	5.3				5,129	89	2.20	1.00	130	1.13	6,729	151,837	42,500		170	80	<4	270	88	<5	0.0	1.8	
02	12.0	3.0	5.4				5,618	83	1.90	1.20	134	1.32	14,598	166,416	58,500								0.0	4.7	
03	5.8	3.4	5.4				5,352	92	2.00	1.10	138	1.24	0	157,224	58,200								0.0	2.9	
04	6.4	3.3	4.4						2.00	1.10	165		13,132	166,416	0		120	54	<4	190	110	<5			
05	5.5	0.3	4.7				5,050	93	1.90	1.10	160	1.13	2,632	163,116	16,000								0.0	2.5	
06	5.8	0.3	4.4						2.00	1.10	170		2,393	163,116	6,000										
07	5.8	2.7	4.6						2.00	0.80	153		10,431	167,958	0										
08	5.7	2.9	4.4				5,134	90	4.70	1.10	154	0.99	6,148	172,296	36,250		110	36	<4	240	59	<5	0.0	1.3	
09	8.3	2.5	4.5				5,630	83	1.90	1.00	155	1.06	6,312	126,271	50,000		150	64	<4	300	110	<5	0.0	1.1	
10	8.3	3.1	5.1				4,904	95	1.90	1.00	144	1.02	0	175,752	61,750		150	55	<4	300	110	<5	0.0	7.5	
11	6.8	3.5	5.7				5,428	81	5.00	1.10	0	1.14	2,172	187,236	57,000								0.0	1.8	
12	10.1	2.5	4.6						5.00	0.20	319	1.21	6,407	168,084	39,760								0.0	1.4	
13	6.0	3.2	4.6						2.10	1.10	155		9,021	185,772	6,950										
14	5.9	2.7	4.8						2.00	1.00	151		5,894	174,024	0										
15	5.8	3.0	4.8				5,056	80	4.30	1.20	160	1.00	2,552	157,224	47,750		92	40	<4	290	95	<5	0.0	0.9	
16	6.3	2.9	4.7				4,616	98	2.10	0.80	158	0.86	3,292	157,224	50,250		140	42	<4	330	100	<5	0.0	1.4	
17	9.3	2.8	5.4				4,352	105			124	1.03	11,084	168,072	44,450		140	36	<4	280	100	<5	0.0	1.9	
18	7.6	4.3	6.0				5,996	92			118	1.30	28,521	156,528	31,750								0.0	2.4	
19	8.0	0.5	5.4				7,400	84			136	1.47	36,638	144,168	40,350								0.0	5.6	
20	6.5	1.3	4.4								163		34,146	177,960	7,050										
21	6.6	1.5	4.2								169		36,638	180,900	3,250										
22	7.1	1.3	4.5				6,576	103			155	1.38	32,231	174,024	47,300		200	160	<4	500	810	7	0.0	8.6	
23	7.3	2.1	4.9				6,636	96			141	1.39	29,247	171,612	44,975		230	180	<4	560	790	15	0.0	4.0	
24	6.3	2.2	4.8				6,272	91			155	1.47	15,217	163,116	42,500		160	110	<4	440	410	10	0.0	7.6	
25	6.7	1.7	4.3				7,364	87			164	1.44	15,993	180,900	54,900								0.0	4.6	
26	6.7	0.6	3.9				7,228	85			176	1.35	15,745	189,300	31,000								0.0	5.2	
27	6.5	1.6	2.8								274		861	175,451	6,750										
28	5.4	0.6	2.7								268		0	178,704	0										
29	6.4	0.4	4.3				5,264	69	5.00	0.20	167	1.22	6,227	102,916	45,050		270	86	<4	350	150	5	0.0	1.6	
30	5.6	2.8	4.5				2,958	84	2.70	0.70	162	0.51	0	177,468	43,350		210	80	<4	240	160	<5	0.0	2.3	
31	5.4	2.8	4.1				3,446	87	2.30	1.20	173	0.95	804	169,716	36,250								0.0	2.5	
TOT			143.6										355,065	5,150,801	1,009,835										
AVG	7.0	2.2	4.6				5,496	89	1.5	0.6	161	1.2	11,454	166,155	32,575		165	79	4	330	238	6	0.2	3.3	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Authorized Official: John Batorski Title: Plant Manager Signature: John Batorski Date: 8-9-13

	Chlorine Dose		Chlorine Residual		Fecal Coliform	Ammonia			Nitrate			Nitrite			TKN			D.O.	pH		Ortho P	Total Phosphorus		Temp.		Zinc	Copper	Comments
			high	low		Inf.	Prim.	Eff.	Inf.	Prim.	Eff.	Inf.	Prim.	Eff.	Inf.	Prim.	Eff.	Eff.	Inf.	Eff.	Eff.	Inf.	Eff.	Inf.	Eff.	Eff.	Eff.	
Units	lbs	mg/l	mg/l		#/100 ml	mg/l			mg/l			mg/l			mg/l			mg/l	S.U.		mg/l	mg/l		Deg F		kg/d	kg/d	
Freq	Daily		4/work day		daily	weekly			weekly			weekly			weekly			week	work day		weekly	wee k		work day		work day	work day	
01	71.21	1.61	0.04	0.00	40	10.6	15.1	0.25	1.62	<0.01	7.8	0.350	0.0	<0.01	23.5	23.9	1.63	8.3	7.2	6.9	5.7	4.3	6.0	67	83	0.94	0.10	
02	73.97	1.64	0.03	0.00	80													8.3	7.3	7.1				67	83			
03	73.00	1.62	0.05	0.00														8.4	7.1	7.2				68	83			
04	72.16	1.97	0.04	0.00		15.2	17.6	0.22			4.5			<0.01			1.65				6.0		5.8					
05	71.61	1.83	0.04	0.00	20													7.8	7.5	6.9				69	84			
06	57.86	1.58	0.04	0.00																								
07	63.77	1.66	0.05	0.00																								
08	66.33	1.81	0.04	0.00		15.4	11.6	1.07			3.9			0.06			3.02	8.0	7.2	6.8				71	86			
09	59.54	1.59	0.04	0.01	30	15.6	17.7	0.17			5.6			<0.01			2.51	9.8	7.0	6.9	8.1		7.4	71	84	0.92	0.10	
10	50.02	1.18	0.05	0.00	10	15.6	13.8	1.00			3.5			0.06			2.80	7.5	7.0	6.8	9.1		9.1	71	85			
11	67.66	1.42	0.05	0.00	<10													7.6	7.3	6.9				69	81			
12	44.53	1.16	0.05	0.00														10.0	6.9	6.7				68	84			
13	56.35	1.47	0.04	0.00																								
14	68.15	1.70	0.05	0.01																								
15	68.00	1.70	0.03	0.00		21.2	18.4	0.09			5.6			<0.01			1.50	7.0	7.3	6.8				72	84			
16	67.40	1.72	0.10	0.00	<10	17.3	17.6	0.21			4.6			<0.01			1.44	7.8	7.2	6.7	7.1		7.5	70	87	0.98	0.11	
17	63.59	1.41	0.05	0.01	40	15.7	15.0	0.43			5.2			0.03			1.79	7.9	7.1	6.9	8.9		9.2	72	88			
18	57.92	1.16	0.05	0.02	40													8.1	7.1	6.8				71	88			
19	57.67	1.28	0.03	0.00														7.5	7.2	6.8				73	90			
20	47.60	1.30	0.04	0.00																								
21	43.77	1.25	0.02	0.00																								
22	42.72	1.14	0.05	0.00		23.2	20.2	2.19			3.9			0.11			4.02	7.1	7.2	6.8				72	91			
23	46.66	1.14	0.05	0.02	10	16.4	17.9	1.93	1.16	<0.01	2.6	0.180	0.1	0.12	46.0	199.0	3.90	8.0	7.0	6.5	12.3	7.5	13.2	72	89	1.34	0.35	
24	46.13	1.15	0.04	0.01	130	16.8	17.6	3.71			0.5			0.09			5.27	7.2	7.3	7.0	12.8		13.3	72	90			
25	43.42	1.21	0.05	0.02	20													7.8	7.3	7.2				71	85			
26	40.91	1.26	0.01	0.00														7.9	6.9	6.9				69	88			
27	38.46	1.65	0.05	0.00																								
28	32.95	1.46	0.02	0.00																								
29	52.09	1.45	0.04	0.00		21.8	18.5	0.19	0.03	<0.01	6.0	0.440	0.0	0.02	41.5	30.1	1.99	6.4	7.2	6.7	6.4	5.9	6.5	73	84	1.27	0.11	
30	61.67	1.64	0.04	0.00	60	19.1	18.3	0.13			4.7			<0.01			2.08	8.5	5.7	6.9	6.9		7.1	69	87			
31	68.18	1.99	0.04	0.00	20													8.1	7.3	6.9				72	84			
TOT																												
AVG			0.043	0.003	27	17.2	16.9	0.89	0.9	0.0	4.5	0.3	0.0	0.04	37.0	84.3	2.58	8.0	7.1	6.9	8.3	5.9	8.5	70	86	1.09	0.16	

Monthly Total Phosphorus Report

for compliance with NPDES permit

Use this report from April 1st through October 30th

Facility Name: Naugatuck

Permit # : CT0100641

Month of: July, 2013

Sample Date	Flow (mgd)	Effluent Total Phosphorus (mg/l) Max. Daily Limit - - for comparison purposes only	X	Total Phosphorus (lbs/d)
07/01/2013	5.3	5.99	8.34	265
07/04/2013	5.4	5.80	8.34	213
07/09/2013	5.4	7.44	8.34	279
07/10/2013	4.4	9.10	8.34	387
07/16/2013	4.7	7.45	8.34	292
07/17/2013	4.4	9.22	8.34	415
07/23/2013	4.6	13.20	8.34	539
07/24/2013	4.4	13.30	8.34	532
07/29/2013	4.5	6.48	8.34	232
07/30/2013	5.1	7.08	8.34	266

Average Monthly Total Phosphorus Limit (mg/l)	Average Monthly Total Phosphorus (mg/l)	Average Seasonal Load Cap (lbs/d)	Average Monthly Total Phosphorus Load (lbs/d)
	8.51		342

Seasonal Total Phosphorus Report

Average from April 1st through October 30th

for compliance with NPDES permit

Submit this report by November 15th

Permit # CT0100641

onth	Average in lbs/d
ril	361
ay	365
ne	264
ly	342
ugust	
eptember	
ctober	

Average Seasonal Load Cap in lbs/d	Seasonal Average in lbs/d
Load Capacity N/A	333

Nutrient Analysis Report

Town/Facility: Naugatuck WWTF

Flow Rate: 5.3 MGD

Sampling Date: 07/01/13

Parameter	Raw Influent		Primary Effluent		Final Effluent				Plant Efficiency
	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	(%)
Ammonia	10.6		15.1		0.3				
Nitrites	0.35		0.02		<0.01				
Nitrates	1.6		0.0		7.8				
TKN	23.5		23.9		1.6				
Total Nitrogen	25.5	1,126	23.9	1,058	9.4	415			63
Orthophosphates	1.9	82			5.7	252			
Total Phosphorus	4.3	190			6.0	265			

Permit # CT0100641

...al Samples: 141	0	916,500
tal Samples for Stratford: 141		

uperior Sanitation	Forecasted New Intake	Forecasted Total
eptage		
tal Gallons: 22,500	0	22,500
tal Samples for Superior Sanitation: 15		

alarico Septic	Forecasted New Intake	Forecasted Total
eptage		
tal Gallons: 271,000	0	271,000
tal Samples for Talarico Septic: 78		

homaston	Forecasted New Intake	Forecasted Total
iquid Sludge		
otal Gallons: 58,500	0	58,500
otal Samples for Thomaston: 9		

orrington	Forecasted New Intake	Forecasted Total
iquid Sludge		
otal Gallons: 461,500	0	461,500
otal Samples for Torrington: 71		

eolia Bedford Hills	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 32,500	0	32,500
Total Samples for Veolia Bedford Hills: 5		

Veolia Cranston	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 39.33	0	39
Total Samples for Veolia Cranston: 2		

Veolia Danbury	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 611.00	0	611
Total Samples for Veolia Danbury: 28		

Veolia North Haven	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 123,500	0	123,500
Total Samples for Veolia North Haven: 19		

Veolia Pepsi	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 6,500	0	6,500
Total Samples for Veolia Pepsi: 1		

Veolia Poughkeepsie	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 312,000	0	312,000
Total Samples for Veolia Poughkeepsie: 48		

Veolia Redding	Forecasted New Intake	Forecasted Total

	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 132,000		
Total Samples for New England Septic: 44	0	132,000
New Hartford		
Liquid Sludge		
Total Gallons: 32,500		
Total Samples for New Hartford : 5	0	32,500
New Rochelle		
Cake Sludge		
Total Tons: 2,188.28		
Total Samples for New Rochelle: 97	0	2,188
North Canaan		
Liquid Sludge		
Total Gallons: 32,500		
Total Samples for North Canaan: 5	0	32,500
Oxbury Sanitation		
Septage		
Total Gallons: 51,000		
Total Samples for Oxbury Sanitation: 17	0	51,000
Pawling		
Liquid Sludge		
Total Gallons: 26,000		
Total Samples for Pawling: 4	0	26,000
Plymouth		
Liquid Sludge		
Total Gallons: 78,000		
Total Samples for Plymouth: 12	0	78,000
Prospect Sanitation		
Septage		
Total Gallons: 37,500		
Total Samples for Prospect Sanitation: 15	0	37,500
Rhinebeck		
Cake Sludge		
Total Tons: 10.05		
Total Samples for Rhinebeck: 1	0	10
Shelton Septic		
Septage		
Total Gallons: 4,000		
Total Samples for Shelton Septic: 2	0	4,000
Stratford		
Liquid Sludge		

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	Forecasted New Intake	Forecasted Total
Grieger Excavating		
Septage		
Total Gallons: 30,000	0	30,000
Total Samples for Grieger Excavating: 12		
Heritage Village Water		
Liquid Sludge		
Total Gallons: 26,000	0	26,000
Total Samples for Heritage Village Water: 4		
Koseski Septic		
Septage		
Total Gallons: 144,000	0	144,000
Total Samples for Koseski Septic: 49		
Litchfield		
Liquid Sludge		
Total Gallons: 65,000	0	65,000
Total Samples for Litchfield: 10		
Lynnwood Place		
Septage		
Total Gallons: 39,000	0	39,000
Total Samples for Lynnwood Place: 6		
Mahopac Septic		
Liquid Sludge		
Total Gallons: 894,000	0	894,000
Total Samples for Mahopac Septic: 148		
Maslar's Party Rentals		
Septage		
Total Gallons: 270	0	300
Total Samples for Maslar's Party Rentals: 1		
NEO Chicopee		
Cake Sludge		
Total Tons: 398.14	0	398
Total Samples for NEO Chicopee: 17		
NEO Glen Cove		
Cake Sludge		
Total Tons: 276.56	0	277
Total Samples for NEO Glen Cove: 11		
NEO Suffolk NY		
Cake Sludge		
Total Tons: 1,314.09	0	1,314
Total Samples for NEO Suffolk NY: 50		
NEO Westfield MA		
Cake Sludge		
Total Tons: 551.31	0	551

WATER

Naugatuck Plant Samples by Intake Forecast Summary

Sample Date Range 7/1/2013 - 7/31/2013
Forecast Date Range 8/1/2013 - 7/31/2013
Number of Forecast Days: 0

	Forecasted New Intake	Forecasted Total
ates, Inc.		
iquid Sludge		
otal Gallons: 6,000		
otal Samples for Bates, Inc.: 1	0	6,000
eacon Falls Treatment		
iquid Sludge		
otal Gallons: 97,500		
otal Samples for Beacon Falls Treatment: 15	0	97,500
ennett Septic		
eptage		
otal Gallons: 224,000		
otal Samples for Bennett Septic: 59	0	224,000
ill Dunn Sanitation		
eptage		
otal Gallons: 61,600		
otal Samples for Bill Dunn Sanitation: 31	0	61,600
ill Marek Excavating & Septic Systems		
eptage		
otal Gallons: 69,000		
otal Samples for Bill Marek Excavating & Septic Systems: 23	0	69,000
ristol		
ake Sludge		
otal Tons: 649.02		
otal Samples for Bristol: 32	0	649
asella- Beacon, NY		
ake Sludge		
otal Tons: 28.94		
otal Samples for Casella- Beacon, NY: 1	0	29
hatfield		
eptage		
otal Gallons: 11,200		
otal Samples for Chatfield: 14	0	11,200
onnecticut Tank (Alstom loads)		
ndustrial Waste Water		
otal Gallons: 7,953		
otal Samples for Connecticut Tank (Alstom loads) : 2	0	8,000
ast Coast Septic		
eptage		
otal Gallons: 124,000		
	0	124,000

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al Gallons: 221,000	0	221,000
al Samples for Veolia Redding: 34		

olia Seymour	Forecasted New Intake	Forecasted Total
ke Sludge		
tal Tons: 123.47	0	123
tal Samples for Veolia Seymour: 14		

ES Ahlstrom Latex	Forecasted New Intake	Forecasted Total
ndustrial Waste Water		
otal Gallons: 19,500	0	19,500
otal Samples for VES Ahlstrom Latex : 3		

ES Americas Styrenics	Forecasted New Intake	Forecasted Total
ndustrial Waste Water		
otal Gallons: 6,500	0	6,500
otal Samples for VES Americas Styrenics : 1		

ES PPL Wallingford	Forecasted New Intake	Forecasted Total
ndustrial Waste Water		
otal Gallons: 4,267	0	4,300
otal Samples for VES PPL Wallingford: 2		

Watertown Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 3,000	0	3,000
Total Samples for Watertown Septic: 1		

Westport	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 221,000	0	221,000
Total Samples for Westport: 34		

Windham	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 266,500	0	266,500
Total Samples for Windham: 41		

Total Gallons for all Customers 7/1/2013 - 7/31/2013: 5,271,290	0	5,271,300
Total Tons for all Customers 7/1/2013 - 7/31/2013: 6,190.19	0	6,190
Total Samples for all Customers 7/1/2013 - 7/31/2013: 1332		

DMR Copy of Record

Permit

Permit #: CT0100641

Major: Yes

Permitted Feature: 001 External Outfall

Permittee: NAUGATUCK WPCF

Permittee Address: 500 CHERRY STREET NAUGATUCK, CT 06770

Facility: NAUGATUCK, BOROUGH OF

Facility Location: 500 CHERRY STREET NAUGATUCK, CT 06770

Report Dates & Status

Monitoring Period: From 07/01/13 to 07/31/13

Discharge: 001-1 SANITARY SEWAGE

DMR Due Date: 08/15/13

Status: NetDMR Validated

Considerations for Form Completion

MONTHLY AVERAGE CONCENTRATIONS SHALL NOT BE EXCEEDED BY > 1.5 DURING ANY WEEK.GRAB SAMPLES SHALL BE TAKEN DURINGPERIODS OF DAILY PEAK FLOW.SAMPLES COLLECTED FOR BACTERIOLOGICAL EXAM SHALL BE COLLECTED BTW 11AM & 3PM OR DURING PEAK HORLY FLOW.

Principal Executive Officer

First Name: John

Last Name: Balorski

Title: Plant Manager

Telephone: 203-723-1433

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	–	Sample										=	91	15 - deg F		01/01 - Daily	GR - GRAB
					Permit Req.											Req Mon INST MAX	15 - deg F		01/01 - Daily	GR - GRAB
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	–	Sample						=	6.4					19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.						>=	5.0001 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	–	Sample						=	6.5								
					Permit Req.						>=	6 INST MIN			=	7.2	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI										<=	9 INST MAX	12 - SU		01/01 - Daily	GR - GRAB
00410	Alkalinity, total [as CaCO3]	1 - Effluent Gross	0	–	Sample										=	90	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample								=	6						
					Permit Req.								<=	30 MO AVG	=	15	19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
					Value NODI										<=	45 DAILY MX	19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	–	Sample								=	330						
					Permit Req.									Req Mon MO AVG			19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
					Value NODI												19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
00545	Solids, settleable	1 - Effluent Gross	0	–	Sample										=	0	25 - mL/L		01/07 - Weekly	GR - GRAB
					Permit Req.											Req Mon INST MAX	25 - mL/L		01/07 - Weekly	GR - GRAB
					Value NODI															
00600	Nitrogen, total	1 - Effluent Gross	0	–	Sample										=	9.4	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00600	Nitrogen, total	C - Nitrogen, Removal Complete	0	–	Sample	=	282			26 - lb/d									02/07 - Twice Every Week	CP - COMPOS
					Permit Req.		Req Mon MO AVG			26 - lb/d									02/07 - Twice Every Week	CP - COMPOS
					Value NODI															
					Sample								=	0.9	=	3.7	19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS

Sent electronically – 8-8-13
JBalorski

00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	3	–	Permit Req.							<=	4 MO AVG		Req Mon DAILY MX	19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS
				Value NODI													
				Sample									=	0.12	19 - mg/L	01/30 - Monthly	CP - COMPOS
00615 Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	–	Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample									=	7.8	19 - mg/L	01/30 - Monthly	CP - COMPOS
00620 Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	–	Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample									=	5.3	19 - mg/L	01/30 - Monthly	CP - COMPOS
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	–	Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample									=	13.3	19 - mg/L	01/30 - Monthly	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0	–	Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample									=	4.2	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
01002 Arsenic, total [as As]	S - See Comments	0	–	Permit Req.										Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
				Value NODI													
				Sample									<	0.43	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
01012 Beryllium, total [as Be]	S - See Comments	0	–	Permit Req.										Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
				Value NODI													
				Sample									<	0.001	19 - mg/L	01/30 - Monthly	CP - COMPOS
01027 Cadmium, total [as Cd]	1 - Effluent Gross	0	–	Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample	=	0.16	=	0.35	01 - kg/d							01/07 - Weekly	CP - COMPOS
01042 Copper, total [as Cu]	1 - Effluent Gross	0	–	Permit Req.	<=	1.4 MO AVG	<=	2.58 DAILY MX	01 - kg/d							01/07 - Weekly	CP - COMPOS
				Value NODI													
				Sample									<	0.001	19 - mg/L	01/30 - Monthly	CP - COMPOS
01077 Silver, total [as Ag]	1 - Effluent Gross	0	–	Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample	=	1.09	=	1.34	01 - kg/d							01/07 - Weekly	CP - COMPOS
01092 Zinc, total [as Zn]	1 - Effluent Gross	0	–	Permit Req.	<=	4.85 MO AVG	<=	11.11 DAILY MX	01 - kg/d							01/07 - Weekly	CP - COMPOS
				Value NODI													
				Sample	=	4.6			03 - MGD							99/99 - Continuous	TM - TOTALZ
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Permit Req.	<=	10.3 MO AVG			03 - MGD							99/99 - Continuous	TM - TOTALZ
				Value NODI													
				Sample									=	0.04	19 - mg/L	04/01 - Four Per Day	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0	–	Permit Req.									<=	.06 DAILY MX	19 - mg/L	04/01 - Four Per Day	GR - GRAB
				Value NODI													
				Sample									=	12.8	19 - mg/L	01/30 - Monthly	CP - COMPOS
70507 Phosphorous, in total orthophosphate	1 - Effluent Gross	0	–	Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample							=	27	=	40	13 - #/100mL	12/30 - Twelve Per Month	GR - GRAB
				Permit													

74055 Coliform, fecal general	1 - Effluent Gross	0	–	Req.			<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	12/30 - Twelve Per Month	GR - GR		
				Value											
				NODI											
78467 Zinc, dry weight	S - See Comments	0	–	Sample					=	842	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Permit						Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Req.											
				Value											
				NODI											
78468 Lead, dry weight	S - See Comments	0	–	Sample					=	65.9	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Permit						Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Req.											
				Value											
				NODI											
78469 Nickel, dry weight	S - See Comments	0	–	Sample					=	27.3	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Permit						Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Req.											
				Value											
				NODI											
78471 Mercury, dry weight	S - See Comments	0	–	Sample					=	0.69	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Permit						Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Req.											
				Value											
				NODI											
78473 Chromium, dry weight	S - See Comments	0	–	Sample					=	55.9	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Permit						Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Req.											
				Value											
				NODI											
78475 Copper, sludge, lot, dry weight [as Cu]	S - See Comments	0	–	Sample					=	573	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Permit						Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Req.											
				Value											
				NODI											
78476 Cadmium, sludge, lot dry weight [as Cd]	S - See Comments	0	–	Sample					=	2.75	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Permit						Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB		
				Req.											
				Value											
				NODI											
80126 BOD, carbonaceous, 5 day, 5 C	1 - Effluent Gross	1	–	Sample			=	4	=	4	19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS		
				Permit			<=	30 MO AVG	<=	40 DAILY MX	19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS		
				Req.											
				Value			=	165							
				NODI				Req Mon MO AVG							
80126 BOD, carbonaceous, 5 day, 5 C	G - Raw Sewage Influent	0	–	Sample							19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS		
				Permit							19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS		
				Req.											
				Value											
				NODI											
81011 Solids, suspended percent removal	K - Percent Removal	0	–	Sample			=	98			23 - %	01/30 - Monthly	CA - CALCTD		
				Permit			>=	85 MN % RMV			23 - %	01/30 - Monthly	CA - CALCTD		
				Req.											
				Value											
				NODI											
81383 Carbonaceous oxygen demand, % removal	K - Percent Removal	0	–	Sample			=	98			23 - %	01/30 - Monthly	CA - CALCTD		
				Permit			>=	85 MN % RMV			23 - %	01/30 - Monthly	CA - CALCTD		
				Req.											
				Value											
				NODI											
TGA3D Pass/Fail Static 48Hr Acute D. Pulex	T - See Comments	0	–	Sample				Req Mon AVERAGE			9A - pass=0/fail=1	01/90 - Quarterly	CP - COMPOS		
				Permit				9 - Conditional Monitoring - Not Required This Period							
				Req.											
				Value											
				NODI											
TGA6C Pass/Fail Static 48Hr Acute Pimephales	T - See Comments	0	–	Sample				Req Mon AVERAGE			9A - pass=0/fail=1	01/90 - Quarterly	CP - COMPOS		
				Permit				9 - Conditional Monitoring - Not Required This Period							
				Req.											
				Value											
				NODI											

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

NAUGATUCK WPCF

User: John.Batorski@Veoliawaterna.com

Name: John Batorski

E-Mail: John.Batorski@Veoliawaterna.com

Date/Time: 2013-08-08 15:21 (Time Zone: -04:00)

P. 32

Nutrient Analysis Report

For compliance with General Permit for Nitrogen Discharges

Facility Name: NAUGATUCK TREATMENT Co.
Permit Number: CT0100641

Month: Jul-13
Design Flow: 10.3 MGD

Final Effluent

Plant Name	Sample Date (mm/dd/yyyy)	Average Daily Flow (mgd)	TKN (mg/l)	(Nitrite + Nitrate) (mg/l)	Total Nitrogen (mg/l)	Total Nitrogen (lbs/d)
NAUGATUCK TRE.	7/1/2013	5.2	1.63	7.8	9.4	408
NAUGATUCK TRE.	7/4/2013	4.4	1.65	4.52	6.2	228
NAUGATUCK TRE.	7/8/2013	4.4	3.02	3.93	7	257
NAUGATUCK TRE.	7/9/2013	4.5	2.51	5.55	8.1	304
NAUGATUCK TRE.	7/10/2013	5.1	2.8	3.56	6.4	272
NAUGATUCK TRE.	7/15/2013	4.8	1.5	5.55	7.1	284
NAUGATUCK TRE.	7/16/2013	4.7	1.44	4.63	6.1	239
NAUGATUCK TRE.	7/17/2013	5.4	1.79	5.21	7	315
NAUGATUCK TRE.	7/22/2013	4.5	4.02	4.05	8.1	304
NAUGATUCK TRE.	7/23/2013	4.9	3.9	2.76	6.7	274
NAUGATUCK TRE.	7/24/2013	4.8	5.27	0.58	5.9	236
NAUGATUCK TRE.	7/29/2013	4.3	1.99	6.02	8	287
NAUGATUCK TRE.	7/30/2013	4.5	2.08	4.65	6.7	251
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
					0	0
				Total Pounds		3659
				Average Pounds		281.4615385

Date of Last Calibration of Flow Meter: 7/15/2013

Statement of Acknowledgement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Authorized Official: ____________

Title: ____________

Sent electronically 8-7-13

[signature]

VEOLIA
WATER

Sent via Certified R.R.R. Mail # 7007 2820 0002 4213 4699 on July 17, 2013

July 17, 2013

EPA New England, Region 1,
5 Post Office Square - Suite 100
Boston, MA 02109-3912

Subject: 2013 – H1 Semi-Annual EPA Summary Report for the Naugatuck, CT. POTW, Permit 109-0-59-TV

Dear Sir/Madam:

Enclosed please find the Title V Semi-Annual EPA Summary Report for the first half of calendar year 2013 – Title V permit number 109-0059-TV.

Please contact me if you have any questions regarding the enclosed report.

Sincerely,

John Batorski

John Batorski
Plant Manager
Veolia Water North America

cc: James R. Stewart PE, LS, Director of Public Works, Borough of Naugatuck
(Enclosure)

Veolia Water NA -Naugatuck
500 Cherry Street, Naugatuck, CT 06770
Tel 203-723-1433 / 203-723-8539
www.veoliawaterna.com

EPA SUMMARY REPORT

POLLUTANT: O2-D
SOURCE: FB Incinerator

DATE CREATED: 07/02/2013 @ 10:18
PERIOD: 04/01/13 - 06/30/13

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT

EMISSION LIMITATION: 13.5 (%) LIMIT

MONITOR MANUF / MODEL #: Rosemount

LATEST CMS AUDIT: 12/07/2012

PROCESS UNIT(S) DESC: EMU 52

Total source operating time in reporting period: 2107.13hours

Emission Data Summary (1)		CMS Performance Summary (1)	
1. Duration of excess emissions in reporting period due to		1. CMS Downtime in reporting period due to	
a. Startup/shutdown	1.82	a. Monitor equipment malfunctions	0.00
b. Control equipment problems	0.00	b. Non-monitor equipment malfunctions	15.00
c. Process problems	0.00	c. Quality assurance calibration	4.00
d. Other known causes	0.00	d. Other known causes	26.07
e. Unknown causes	5.22	e. Unknown causes	0.00
2. Total duration of excess emissions	7.03	2. Total CMS Downtime	45.07
3. % of source operating time (2)	0.3%	3. % of source operating time (2)	2.1%

Notes:
(1) For opacity record all times in minutes. For gases record all times in hours.
(2) For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time both the summary report form and the excess emission report described in 60.7(c) shall be submitted.
On a separate page describe any changes since last quarter in CMS process or controls.
I certify that the information contained in this report is true accurate and complete.

Name: John Batorski

Signature: John Batorski

Title: Plant Manager

Date: 7/17/13

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
DATE CREATED: 07/02/2013 @ 10:18
PERIOD: 04/01/13 - 06/30/13

EXCESS EMISSION PERIODS: HI O2-D >60-MIN (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
04/16/13	17:08	19:49	0162	21.1	21.1	13.5	7.6	08	NORMAL OPERATION	CORRECTIVE
06/18/13	07:00	08:48	0109	21.0	21.0	13.5	7.5	04	SHUTDOWN	CORRECTIVE
06/19/13	06:07	07:22	0076	14.1	14.5	13.5	0.6	08	NORMAL OPERATION	CORRECTIVE
06/20/13	07:25	08:39	0075	16.5	16.6	13.5	3	08	NORMAL OPERATION	CORRECTIVE

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 07/02/2013 @ 10:18
PERIOD: 04/01/13 - 06/30/13
SOURCE: FB Incinerator

CMS DOWNTIME: O2-D

DATE	HOUR	DURATION	CODE	EXPLANATION
04/01/13	07	0.53	13	PROCESS DOWN
04/09/13	06	0.75	13	PROCESS DOWN
04/12/13	08	1.00	14	RECALIBRATION
04/14/13	14	0.70	13	PROCESS DOWN
04/16/13	20	0.33	13	PROCESS DOWN
04/16/13	23	0.67	13	PROCESS DOWN
04/17/13	10	0.33	13	PROCESS DOWN
04/17/13	11	0.67	13	PROCESS DOWN
04/25/13	12	0.50	13	PROCESS DOWN
04/30/13	08	0.83	20	CORRECTIVE MAINTENANCE
04/30/13	13	0.67	13	PROCESS DOWN
05/02/13	10	0.33	13	PROCESS DOWN
05/02/13	12	0.67	13	PROCESS DOWN
05/06/13	07	0.33	13	PROCESS DOWN
05/06/13	14	0.67	13	PROCESS DOWN
05/09/13	08	1.00	20	CORRECTIVE MAINTENANCE
05/13/13	07	0.58	13	PROCESS DOWN
05/13/13	14	0.58	13	PROCESS DOWN
05/22/13	10	0.67	13	PROCESS DOWN
05/22/13	11	0.58	13	PROCESS DOWN
05/24/13	07	0.17	13	PROCESS DOWN
05/24/13	08	0.58	13	PROCESS DOWN
05/30/13	08	1.00	20	CORRECTIVE MAINTENANCE
06/17/13	16	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	17	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	18	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	19	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	20	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	21	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	22	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	23	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	00	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	01	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	02	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	03	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	04	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	05	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	06	1.00	14	RECALIBRATION
06/18/13	09	0.67	13	PROCESS DOWN
06/18/13	12	1.00	20	CORRECTIVE MAINTENANCE
06/18/13	13	0.77	13	PROCESS DOWN
06/18/13	23	1.00	19	SAMPLE INTERFACE MALFUNCTION
6/19/13	01	1.00	20	CORRECTIVE MAINTENANCE
6/19/13	08	0.17	13	PROCESS DOWN
6/20/13	05	0.08	13	PROCESS DOWN
6/20/13	09	0.67	13	PROCESS DOWN
6/20/13	12	0.58	13	PROCESS DOWN
6/21/13	17	1.00	20	CORRECTIVE MAINTENANCE
6/21/13	18	1.00	20	CORRECTIVE MAINTENANCE
6/21/13	19	1.00	20	CORRECTIVE MAINTENANCE
6/22/13	06	1.00	14	RECALIBRATION
/25/13	07	0.17	13	PROCESS DOWN
/25/13	13	0.25	13	PROCESS DOWN
/27/13	07	0.37	13	PROCESS DOWN
/28/13	05	0.70	13	PROCESS DOWN
/28/13	06	0.07	13	PROCESS DOWN
/28/13	07	0.57	13	PROCESS DOWN
/28/13	09	0.75	20	CORRECTIVE MAINTENANCE
/28/13	10	1.00	20	CORRECTIVE MAINTENANCE
/28/13	12	0.62	13	PROCESS DOWN

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 07/02/2013 @ 10:18
PERIOD: 04/01/13 - 06/30/13
SOURCE: FB Incinerator

CMS DOWNTIME: O2-D

DATE	HOUR	DURATION	CODE	EXPLANATION
06/29/13	09	1.00	14	RECALIBRATION
06/30/13	14	0.50	13	PROCESS DOWN

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EPA SUMMARY REPORT

POLLUTANT: OVERALL DP
SOURCE: FB Incinerator

DATE CREATED: 07/18/2013 @ 06:59
PERIOD: 04/01/13 - 06/30/13

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT

EMISSION LIMITATION: 8.0 ("wc) LIMIT

MONITOR MANUF / MODEL #: Rosemount

LATEST CMS AUDIT: 07/01/2013

PROCESS UNIT(S) DESC: EMU 52

Total source operating time in reporting period: 2107.13hours

Emission Data Summary (1)		CMS Performance Summary (1)	
1. Duration of excess emissions in reporting period due to		1. CMS Downtime in reporting period due to	
a. Startup/shutdown	23.33	a. Monitor equipment malfunctions	0.00
b. Control equipment problems	0.00	b. Non-monitor equipment malfunctions	0.00
c. Process problems	0.00	c. Quality assurance calibration	0.00
d. Other known causes	0.00	d. Other known causes	0.00
e. Unknown causes	0.00	e. Unknown causes	0.00
2. Total duration of excess emissions	23.33	2. Total CMS Downtime	0.00
3. % of source operating time (2)	1.1%	3. % of source operating time (2)	0.0%

Notes:
(1) For opacity record all times in minutes. For gases record all times in hours.
(2) For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time both the summary report form and the excess emission report described in 60.7(c) shall be submitted.
On a separate page describe any changes since last quarter in CMS process or controls.
I certify that the information contained in this report is true accurate and complete.

Name: John Batorski

Signature: John Batorski

Title: Plant Manager

Date: 7-18-13

7-18-13 JB

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
DATE CREATED: 07/18/2013 @ 06:59
PERIOD: 04/01/13 - 06/30/13

EXCESS EMISSION PERIODS: LOW OVERALL DP >15-MIN ("wc)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
04/09/13	04:12	04:39	0028	0.7	0.1	8.0	7.3	04	SHUTDOWN	CORRECTIVE
04/16/13	17:02	20:19	0198	0.2	0.1	8.0	7.8	04	SHUTDOWN	CORRECTIVE
04/17/13	10:01	10:19	0019	0.0	0.0	8.0	8	04	SHUTDOWN	CORRECTIVE
04/22/13	08:29	08:49	0021	0.0	0.0	8.0	8	04	SHUTDOWN	CORRECTIVE
04/25/13	11:41	12:04	0024	0.6	0.5	8.0	7.4	04	SHUTDOWN	CORRECTIVE
04/30/13	08:31	08:49	0019	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
05/06/13	07:01	07:19	0019	0.0	0.0	8.0	8	04	SHUTDOWN	CORRECTIVE
05/13/13	07:18	07:34	0017	0.3	0.2	8.0	7.7	04	SHUTDOWN	CORRECTIVE
06/13/13	06:53	07:10	0018	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/17/13	07:37	08:00	0024	1.6	0.1	8.0	6.4	04	SHUTDOWN	CORRECTIVE
06/17/13	18:48	23:59	0312	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/18/13	00:00	08:45	0526	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/19/13	07:44	08:09	0026	0.1	0.0	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/20/13	07:25	07:52	0028	2.0	0.1	8.0	6	04	SHUTDOWN	CORRECTIVE
06/20/13	18:21	18:39	0019	0.0	0.1	8.0	8	04	SHUTDOWN	CORRECTIVE
06/24/13	09:28	09:54	0027	0.5	0.5	8.0	7.5	04	SHUTDOWN	CORRECTIVE
06/24/13	13:47	14:09	0023	0.1	0.0	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/27/13	07:06	07:21	0016	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/28/13	12:20	12:36	0017	0.3	0.3	8.0	7.7	04	SHUTDOWN	CORRECTIVE
06/30/13	13:48	14:06	0019	3.0	0.4	8.0	5	04	SHUTDOWN	CORRECTIVE

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 07/18/2013 @ 06:59
PERIOD: 04/01/13 - 06/30/13
SOURCE: FB Incinerator

CMS DOWNTIME: OVERALL DP

DATE	HOUR	DURATION	CODE	EXPLANATION
				No Data Available

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

SEMI-ANNUAL EXCESS EMISSION REPORT

Company Name	Borough of Naugatuck
Reporting period	01/01/2013 – 06/30/2013
Unit number	EMU 52
Unit operating time	4256.28

POLLUTANT / EMISSION LIMITS

Pollutant / constituent monitored	OPACITY		
	Permit		Federal (if applicable)
Emission limit(s)	20%	40%	
Averaging period(s):	6 minute block	instantaneous	

EXCESS EMISSIONS DATA SUMMARY

Reason for excess emissions	Duration (in minutes for opacity)		
	List exceedances of DEP permit or Regulations		List violations of Federal standards
Start-up / shut down	0	ONLY THE TOTALS (see below) ARE REQUIRED FOR THE 40% OPACITY READINGS	0
Control equipment malfunction	0		0
Process malfunction	0		0
Other known causes	0		0
Unknown causes	0		0
Fuel problems	0		0
Cleaning, Soot-blowing	0		0
Total duration of excess emissions (hours or minutes)	0		0
Total duration (as % of total unit operating time)	.0		0

VEOLIA
WATER

Sent via Certified R.R.R. Mail 7007 2680 0002 4213 4705 on July 19, 2013

July 19, 2013

Connecticut Department of Environmental Protection
Bureau of Air Management
Compliance Analysis & Coordination Unit
79 Elm Street, 5th Floor
Hartford, CT 06106-5127

Subject: Continuous Emission Monitoring Semi Annual Report Jan 1, 2013 to June 30, 2013, Continuous Opacity Monitoring System Summary Report, April 1, 2013 to June 30, 2013, Title V Semi-Annual Monitoring Report Jan 1, 2013 to June 30, 2013, Cylinder Gas and Opacity Audit Second Quarter 2013.

Dear Sir/Madam:

Enclosed you will find copies of the above referenced reports. There were no exceptions to the attached reports.

Please contact me if you have any questions regarding the enclosed reports.

Sincerely,

Veolia Water North America-Northeast, LLC

John Batorski
Project Manager

cc: James Stewart, James R. Stewart PE, LS, Director of Public Works.
(Enclosures)

Veolia Water NA -Naugatuck
500 Cherry Street, Naugatuck, CT 06770
Tel 203-723-1433 / 203-723-8539
www.veoliawaterna.com

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

CONTINUOUS EMISSION MONITORING PERFORMANCE REPORT

Company name	Borough of Naugatuck
Reporting period	01/01/2013 – 06/30/2013
Unit number	EMU 52
Unit operating time	4160.22 Hours

MONITOR INFORMATION

Pollutant / Constituent	CO @ 7% O2
Sampling location	Stack
Manufacturer / Model number	Thermo Environmental Model 48C
Instrument range(s)	0-300 ppm
Date of last audit	July 1, 2013
Audit type (e.g., CGA, RATA, RAA)	CGA
Audit results (pass / fail)	Pass

CMS DOWNTIME

REASONS	TIME (hours, or minutes for opacity)
Monitoring equipment malfunctions	0
Non-monitoring equipment malfunctions	0
Calibrations	0
Other known causes [1]	0
Unknown causes	41.59 hours
TOTAL CMS DOWNTIME	41.59 hours

QUARTERLY DATA AVAILABILITY RESULTS

Quarterly Data Availability (% of operating hours)(see below)	99%

$$\text{Data Availability} = \frac{\text{Unit Operating Time - Total CMS Downtime}}{\text{Unit Operating Time}} \times 100$$

Where:

Unit Operating Hours = Total number of hours that the unit (or process) was operated at <u>any</u> level.

Total CMS Downtime = Total time during periods of operation (Unit Operating Time) in which <u>invalid</u> CEM data or <u>no</u> CEM data is collected due to any reason and results in the invalidation of a data block period.

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[1] *- includes all Quality Assurance activities other than calibration (i.e., preventative maintenance, audits which result in periods of invalid data, etc.) and "out-of-control" periods.*

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Air Management
Compliance Analysis & Coordination Unit
79 Elm Street
Hartford, Connecticut 06106-5127

Client #:
Sequence #:
Town #:
Premises #:
CADIS Tracking #:

CEM Forms Package, 08/19/96

CONTINUOUS EMISSION MONITORING SEMI-ANNUAL REPORT

GENERAL INFORMATION

Company name	Borough of Naugatuck
Facility name	Borough of Naugatuck POTW
Facility address	229 Church Street, Naugatuck, CT 06770
Contact person	Mr. John Batorski john.batorski@veoliawater.com
Contact phone number	(203) 723-1433
Reporting period dates	January 1, 2013 – June 30, 2013
Report submittal date	July 18, 2013
Were there any excess emissions this quarter?	No
Were there any CEM monitor system failures this period?	YES

EQUIPMENT INFORMATION

Applicable permit numbers	CT DEP Permit # 209-0059-TV
Applicable federal regulations	40 CFR Part 503, Subpart E
Type of fuel(s) combusted	No. 2 Fuel Oil
Brief description of equipment and pollution control devices	The Zimpro fluidized bed incinerator has a sludge design feed rate of 3.5 DT/hr. Sludge is fed to the bottom of the sand bed where air is injected at high pressure under the bed, fluidizing the sand and the sludge.

SEMI-ANNUAL REPORT CERTIFICATION

I have personally examined and am familiar with the information submitted in this document and all attachments and certify (based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information) that the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement(s) made in this document or its attachments may be punishable as a criminal offense.

Today's date: 7-19-13
Signature (Company Officer): John Batorski
Print (or type) name and title: John Batorski Plant Manager

Michael Unterweger, CK Environmental, Preparer

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	CO @7% (ppmvd)	VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
01/01/13	15.17		100.0%	15.17	63.2%	24.00	100.0%
01/02/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/03/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/04/13	23.00		95.8%	24.00	100.0%	24.00	100.0%
01/05/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/06/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/07/13	15.00		100.0%	15.00	62.5%	24.00	100.0%
01/08/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/09/13	22.25		100.0%	22.25	92.7%	24.00	100.0%
01/10/13	23.15		100.0%	23.15	96.5%	23.93	99.7%
01/11/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/12/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/13/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/14/13	21.07		100.0%	21.07	87.8%	24.00	100.0%
01/15/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/16/13	24.00		100.0%	24.00	100.0%	23.93	99.7%
01/17/13	22.00		91.7%	24.00	100.0%	24.00	100.0%
01/18/13	23.98		100.0%	23.98	99.9%	23.98	99.9%
01/19/13	23.88		100.0%	23.88	99.5%	24.00	100.0%
01/20/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/21/13	14.45		100.0%	14.45	60.2%	24.00	100.0%
01/22/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/23/13	23.00		95.8%	24.00	100.0%	24.00	100.0%
01/24/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/25/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/26/13	23.00		95.8%	24.00	100.0%	24.00	100.0%
01/27/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/28/13	14.10		100.0%	14.10	58.8%	24.00	100.0%
01/29/13	23.00		95.8%	24.00	100.0%	24.00	100.0%
01/30/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
01/31/13	22.73		95.8%	23.73	98.9%	24.00	100.0%
02/01/13	23.97		100.0%	23.97	99.9%	24.00	100.0%
02/02/13	17.38		100.0%	17.38	72.4%	24.00	100.0%
02/03/13	23.93		100.0%	23.93	99.7%	24.00	100.0%
02/04/13	22.73		100.0%	22.73	94.7%	24.00	100.0%
02/05/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/06/13	23.00		100.0%	23.00	95.8%	24.00	100.0%
02/07/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/08/13	23.88		100.0%	23.88	99.5%	24.00	100.0%
02/09/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/10/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/11/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/12/13	23.40		100.0%	23.40	97.5%	24.00	100.0%
02/13/13	23.82		100.0%	23.82	99.2%	24.00	100.0%
02/14/13	24.00		100.0%	24.00	100.0%	23.93	99.7%
02/15/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/16/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/17/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/18/13	24.00		100.0%	24.00	100.0%	24.00	100.0%
02/19/13	17.27		100.0%	17.27	71.9%	24.00	100.0%
02/20/13	21.48		100.0%	21.48	89.5%	24.00	100.0%
02/21/13	23.93		100.0%	23.93	99.7%	24.00	100.0%

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	CO @7% (ppmvd) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
02/22/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
02/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/25/13	14.50	100.0%	14.50	60.4%	24.00	100.0%
02/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/06/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/08/13	23.73	100.0%	24.00	100.0%	24.00	100.0%
03/09/13	24.00	100.0%	23.73	98.9%	24.00	100.0%
03/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/12/13	22.00	91.7%	24.00	100.0%	24.00	100.0%
03/13/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/14/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/16/13	24.00	100.0%	24.00	100.0%	23.92	99.7%
03/17/13	15.65	100.0%	24.00	100.0%	24.00	100.0%
03/18/13	5.15	100.0%	15.65	65.2%	24.00	100.0%
03/19/13	23.77	100.0%	5.15	21.5%	24.00	100.0%
03/20/13	24.00	100.0%	23.77	99.0%	24.00	100.0%
03/21/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/22/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/23/13	24.00	100.0%	24.00	100.0%	23.93	99.7%
03/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/25/13	17.27	100.0%	24.00	100.0%	24.00	100.0%
03/26/13	23.47	100.0%	17.27	71.9%	24.00	100.0%
03/27/13	24.00	100.0%	23.47	97.8%	24.00	100.0%
03/28/13	21.00	87.5%	24.00	100.0%	24.00	100.0%
03/29/13	23.97	100.0%	24.00	100.0%	24.00	100.0%
03/30/13	24.00	100.0%	23.97	99.9%	24.00	100.0%
03/31/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/01/13	19.53	100.0%	24.00	100.0%	24.00	100.0%
04/02/13	24.00	100.0%	19.53	81.4%	24.00	100.0%
04/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/04/13	23.80	100.0%	24.00	100.0%	24.00	100.0%
04/05/13	23.83	100.0%	23.80	99.2%	24.00	100.0%
04/06/13	23.75	100.0%	23.83	99.3%	24.00	100.0%
04/07/13	24.00	100.0%	23.75	99.0%	24.00	100.0%
04/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/09/13	23.50	100.0%	24.00	100.0%	24.00	100.0%
04/10/13	24.00	100.0%	23.50	97.9%	24.00	100.0%
04/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/12/13	23.00	95.8%	24.00	100.0%	23.87	99.4%
04/13/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/14/13	23.60	100.0%	24.00	100.0%	24.00	100.0%
			23.60	98.3%	24.00	100.0%
					24.00	100.0%

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	CO @7% (ppmvd) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
04/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/16/13	20.82	100.0%	20.82	86.7%	24.00	100.0%
04/17/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
04/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/19/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/20/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/21/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/22/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
04/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/25/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
04/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/30/13	18.67	95.7%	19.50	81.3%	24.00	100.0%
05/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/02/13	22.00	100.0%	22.00	91.7%	24.00	100.0%
05/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/06/13	17.00	100.0%	17.00	70.8%	24.00	100.0%
05/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/09/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
05/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/13/13	17.17	100.0%	17.17	71.5%	24.00	100.0%
05/14/13	23.75	100.0%	23.75	99.0%	24.00	100.0%
05/15/13	24.00	100.0%	24.00	100.0%	23.92	99.7%
05/16/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/17/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/19/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/20/13	23.82	100.0%	23.82	99.2%	24.00	100.0%
05/21/13	23.77	100.0%	23.77	99.0%	24.00	100.0%
05/22/13	23.25	100.0%	23.25	96.9%	24.00	100.0%
05/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/24/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
05/25/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/30/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
05/31/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	CO @7% (ppmvd)	VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
06/06/13	23.97	24.00	100.0%	23.97	99.9%	24.00	100.0%
06/07/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/08/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/09/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/10/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/11/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/12/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/13/13	23.75	24.00	100.0%	23.75	99.0%	23.93	99.7%
06/14/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/15/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/16/13	24.00	16.00	66.7%	24.00	100.0%	24.00	100.0%
06/17/13	13.25	13.25	59.6%	24.00	100.0%	24.00	100.0%
06/18/13	7.17	7.17	87.8%	22.25	92.7%	24.00	100.0%
06/19/13	14.83	14.83	100.0%	8.17	34.0%	24.00	100.0%
06/20/13	20.25	20.25	87.1%	14.83	61.8%	24.00	100.0%
06/21/13	23.00	23.00	95.8%	23.25	96.9%	24.00	100.0%
06/22/13	24.00	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/23/13	23.50	23.50	100.0%	24.00	100.0%	24.00	100.0%
06/24/13	17.30	17.30	100.0%	23.50	97.9%	24.00	100.0%
06/25/13	24.00	24.00	100.0%	17.30	72.1%	24.00	100.0%
06/26/13	21.20	21.20	100.0%	24.00	100.0%	24.00	100.0%
06/27/13	18.83	18.83	91.5%	21.20	88.3%	24.00	100.0%
06/28/13	23.00	23.00	95.8%	20.58	85.8%	24.00	100.0%
06/29/13	23.50	23.50	100.0%	24.00	100.0%	24.00	100.0%
06/30/13				23.50	97.9%	24.00	100.0%

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

SEMI-ANNUAL EXCESS EMISSION REPORT

Company Name	Borough of Naugatuck
Reporting period	01/01/2013 – 06/30/2013
Unit number	EMU 52
Unit operating time	4256.28

POLLUTANT / EMISSION LIMITS

Pollutant / constituent monitored	OPACITY		
	Permit		Federal (if applicable)
Emission limit(s)	20%	40%	
Averaging period(s):	6 minute block	instantaneous	

EXCESS EMISSIONS DATA SUMMARY

Reason for excess emissions	Duration (in minutes for opacity)		
	List exceedances of DEP permit or Regulations		List violations of Federal standards
Start-up / shut down	0	ONLY THE TOTALS (see below) ARE REQUIRED FOR THE 40% OPACITY READINGS	0
Control equipment malfunction	0		0
Process malfunction	0		0
Other known causes	0		0
Unknown causes	0		0
Fuel problems	0		0
Cleaning, Soot-blowing	0		0
Total duration of excess emissions (hours or minutes)	0		0
Total duration (as % of total unit operating time)	.0		0

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

SEMI-ANNUAL EXCESS EMISSION REPORT

Company Name	Borough of Naugatuck
Reporting period	01/01/2013 – 06/30/2013
Unit number	EMU 52
Unit operating time	4160.22

POLLUTANT / EMISSION LIMITS

Pollutant / constituent monitored	CO @ 7% O2	
	Permit	**Federal**
Emission limit(s)	1.4 lbs/DT	
Averaging period(s): (indicate length of ave. period and whether period is a rolling or block ave.)		

CONVERSION FACTORS (if applicable)

Diluent used for correction (O_2 / CO_2)	Oxygen
CEM measurement basis (wet / dry)	Dry
Fuel factor(s) / types (F_d / F_c / F_w)	
Conversion equation(s)	CO @ 7% O2 = ((20.9-7)/(20.9-OXYGEN))*CO ppm

EXCESS EMISSIONS DATA SUMMARY

Reason for excess emissions	Duration (in minutes for opacity, in hours for other pollutants)	
	List exceedances of DEP permit or Regulations	List violations of Federal standards
Start-up / shut down	0 (gas) + 0 (oil)	
Control equipment malfunction	0 (gas) + 0 (oil)	
Process malfunction	0 (gas) + 0 (oil)	
Other known causes	0 (gas) + 0 (oil)	
Unknown causes	0 (gas) + 0 (oil)	
Total duration of excess emissions (hours or minutes)	0 (gas) + 0 (oil)	
Total duration (as % of total unit operating time)		

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

CONTINUOUS EMISSION MONITORING PERFORMANCE REPORT

Company name	Borough of Naugatuck
Reporting period	01/01/2013 – 06/30/2013
Unit number	EMU 52
Unit operating time	4160.22

MONITOR INFORMATION

Pollutant / Constituent	Opacity
Sampling location	Stack
Manufacturer / Model number	Land / 4500 Mark II
Instrument range(s)	0-300 ppm
Date of last audit	June 21, 2013
Audit type (e.g., CGA, RATA, RAA)	Opacity
Audit results (pass / fail)	Pass

CMS DOWNTIME

REASONS	TIME (hours, or minutes for opacity)
Monitoring equipment malfunctions	0
Non-monitoring equipment malfunctions	0
Calibrations	0
Other known causes [1]	0
Unknown causes	62 hours
TOTAL CMS DOWNTIME	62 hours

QUARTERLY DATA AVAILABILITY RESULTS

Quarterly Data Availability (% of operating hours)(see below)	98.52%

Data Availability = $\frac{\text{Unit Operating Time - Total CMS Downtime}}{\text{Unit Operating Time}} \times 100$

Where:

Unit Operating Hours = Total number of hours that the unit (or process) was operated at <u>any</u> level.

Total CMS Downtime = Total time during periods of operation (Unit Operating Time) in which <u>invalid</u> CEM data or <u>no</u> CEM data is collected due to any reason and results in the invalidation of a data block period.

- includes all Quality Assurance activities other than calibration (i.e., preventative maintenance, audits which result in periods of invalid data, etc.) and "out-of-control" periods.

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	CO @7% (ppmvd) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
TOTAL:	4118.63	99.0%	4160.22	95.8%	4343.35	100.0%

41.59

$$\frac{4160.22 - 41.59}{4160.22} \times 100 = 99\%$$

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	OPACITY (%) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
01/01/13	15.17	100.0%	15.17	63.2%	24.00	100.0%
01/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/04/13	16.00	66.7%	24.00	100.0%	24.00	100.0%
01/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/06/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/07/13	11.00	73.3%	15.00	62.5%	24.00	100.0%
01/08/13	18.00	75.0%	24.00	100.0%	24.00	100.0%
01/09/13	22.25	100.0%	22.25	92.7%	24.00	100.0%
01/10/13	22.15	95.7%	23.15	96.5%	23.93	99.7%
01/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/13/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/14/13	21.07	100.0%	21.07	87.8%	24.00	100.0%
01/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/16/13	24.00	100.0%	24.00	100.0%	23.93	99.7%
01/17/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/18/13	23.98	100.0%	23.98	99.9%	23.98	99.9%
01/19/13	23.88	100.0%	23.88	99.5%	24.00	100.0%
01/20/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/21/13	14.45	100.0%	14.45	60.2%	24.00	100.0%
01/22/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/25/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/28/13	14.10	100.0%	14.10	58.8%	24.00	100.0%
01/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/30/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
01/31/13	22.73	95.8%	23.73	98.9%	24.00	100.0%
02/01/13	23.97	100.0%	23.97	99.9%	24.00	100.0%
02/02/13	17.38	100.0%	17.38	72.4%	24.00	100.0%
02/03/13	23.93	100.0%	23.93	99.7%	24.00	100.0%
02/04/13	22.73	100.0%	22.73	94.7%	24.00	100.0%
02/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/06/13	23.00	100.0%	23.00	95.8%	24.00	100.0%
02/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/08/13	23.88	100.0%	23.88	99.5%	24.00	100.0%
02/09/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/12/13	23.40	100.0%	23.40	97.5%	24.00	100.0%
02/13/13	23.82	100.0%	23.82	99.2%	24.00	100.0%
02/14/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/15/13	24.00	100.0%	24.00	100.0%	23.93	99.7%
02/16/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/17/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/19/13	17.27	100.0%	17.27	71.9%	24.00	100.0%
02/20/13	21.48	100.0%	21.48	89.5%	24.00	100.0%
02/21/13	23.93	100.0%	23.93	99.7%	24.00	100.0%

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	OPACITY (%) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
02/22/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/25/13	14.50	100.0%	14.50	60.4%	24.00	100.0%
02/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
02/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/06/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/08/13	23.73	100.0%	23.73	98.9%	24.00	100.0%
03/09/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/12/13	21.00	87.5%	24.00	100.0%	24.00	100.0%
03/13/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/14/13	24.00	100.0%	24.00	100.0%	23.92	99.7%
03/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/16/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/17/13	15.65	100.0%	15.65	65.2%	24.00	100.0%
03/18/13	5.15	100.0%	5.15	21.5%	24.00	100.0%
03/19/13	23.77	100.0%	23.77	99.0%	24.00	100.0%
03/20/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/21/13	24.00	100.0%	24.00	100.0%	23.93	99.7%
03/22/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/25/13	17.27	100.0%	17.27	71.9%	24.00	100.0%
03/26/13	23.47	100.0%	23.47	97.8%	24.00	100.0%
03/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/29/13	23.97	100.0%	23.97	99.9%	24.00	100.0%
03/30/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
03/31/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/01/13	19.53	100.0%	19.53	81.4%	24.00	100.0%
04/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/04/13	23.80	100.0%	23.80	99.2%	24.00	100.0%
04/05/13	23.83	100.0%	23.83	99.3%	24.00	100.0%
04/06/13	23.75	100.0%	23.75	99.0%	24.00	100.0%
04/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/09/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
04/10/13	24.00	100.0%	24.00	100.0%	23.87	99.4%
04/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/13/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/14/13	23.60	100.0%	23.60	98.3%	24.00	100.0%

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: PB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	OPACITY (%) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
04/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/16/13	20.82	100.0%	20.82	86.7%	24.00	100.0%
04/17/13	19.75	82.4%	22.75	94.8%	24.00	100.0%
04/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/19/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/20/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/21/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/22/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
04/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/25/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
04/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/30/13	19.50	100.0%	19.50	81.3%	24.00	100.0%
05/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/02/13	22.00	100.0%	22.00	91.7%	24.00	100.0%
05/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/06/13	17.00	100.0%	17.00	70.8%	24.00	100.0%
05/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/09/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/13/13	17.17	100.0%	17.17	71.5%	24.00	100.0%
05/14/13	23.75	100.0%	23.75	99.0%	24.00	100.0%
05/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/16/13	24.00	100.0%	24.00	100.0%	23.92	99.7%
05/17/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/19/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/20/13	23.82	100.0%	23.82	99.2%	24.00	100.0%
05/21/13	23.77	100.0%	23.77	99.0%	24.00	100.0%
05/22/13	23.25	100.0%	23.25	96.9%	24.00	100.0%
05/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/24/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
05/25/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/30/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/31/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	OPACITY (%) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
06/06/13	23.97	100.0%	23.97	99.9%	24.00	100.0%
06/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/09/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/13/13	23.75	100.0%	23.75	99.0%	23.93	99.7%
06/14/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
06/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/16/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/17/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/18/13	22.25	100.0%	22.25	92.7%	24.00	100.0%
06/19/13	8.17	100.0%	8.17	34.0%	24.00	100.0%
06/20/13	14.83	100.0%	14.83	61.8%	24.00	100.0%
06/21/13	19.25	82.8%	23.25	96.9%	24.00	100.0%
06/22/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/24/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
06/25/13	17.30	100.0%	17.30	72.1%	24.00	100.0%
06/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/27/13	21.20	100.0%	21.20	88.3%	24.00	100.0%
06/28/13	6.95	33.8%	20.58	85.8%	24.00	100.0%
06/29/13	8.00	33.3%	24.00	100.0%	24.00	100.0%
06/30/13	23.50	100.0%	23.50	97.9%	24.00	100.0%

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:41
PERIOD: 01/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	OPACITY (%) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
TOTAL:	4098.58	98.5%	4160.22	95.8%	4343.35	100.0%

61.62

$$\frac{4160.22 - 61.62}{4160.22} \times 100 = 98.52\%$$

EXCESS EMISSIONS INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:42
PERIOD: 01/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
01/01/13	NO INCIDENT OCCURRED									
01/02/13	NO INCIDENT OCCURRED									
01/03/13	NO INCIDENT OCCURRED									
01/04/13	NO INCIDENT OCCURRED									
01/05/13	NO INCIDENT OCCURRED									
01/06/13	NO INCIDENT OCCURRED									
01/07/13	NO INCIDENT OCCURRED									
01/08/13	NO INCIDENT OCCURRED									
01/09/13	NO INCIDENT OCCURRED									
01/10/13	NO INCIDENT OCCURRED									
01/11/13	NO INCIDENT OCCURRED									
01/12/13	NO INCIDENT OCCURRED									
01/13/13	NO INCIDENT OCCURRED									
01/14/13	NO INCIDENT OCCURRED									
01/15/13	NO INCIDENT OCCURRED									
01/16/13	NO INCIDENT OCCURRED									
01/17/13	NO INCIDENT OCCURRED									
01/18/13	NO INCIDENT OCCURRED									
01/19/13	NO INCIDENT OCCURRED									
01/20/13	NO INCIDENT OCCURRED									
01/21/13	NO INCIDENT OCCURRED									
01/22/13	NO INCIDENT OCCURRED									
01/23/13	NO INCIDENT OCCURRED									
01/24/13	NO INCIDENT OCCURRED									
01/25/13	NO INCIDENT OCCURRED									
01/26/13	NO INCIDENT OCCURRED									
01/27/13	NO INCIDENT OCCURRED									
01/28/13	NO INCIDENT OCCURRED									
01/29/13	NO INCIDENT OCCURRED									
01/30/13	NO INCIDENT OCCURRED									
01/31/13	NO INCIDENT OCCURRED									
02/01/13	NO INCIDENT OCCURRED									
02/02/13	NO INCIDENT OCCURRED									
02/03/13	NO INCIDENT OCCURRED									
02/04/13	NO INCIDENT OCCURRED									
02/05/13	NO INCIDENT OCCURRED									
02/06/13	NO INCIDENT OCCURRED									
02/07/13	NO INCIDENT OCCURRED									
02/08/13	NO INCIDENT OCCURRED									
02/09/13	NO INCIDENT OCCURRED									
02/10/13	NO INCIDENT OCCURRED									
02/11/13	NO INCIDENT OCCURRED									
02/12/13	NO INCIDENT OCCURRED									
02/13/13	NO INCIDENT OCCURRED									
02/14/13	NO INCIDENT OCCURRED									
02/15/13	NO INCIDENT OCCURRED									
02/16/13	NO INCIDENT OCCURRED									
02/17/13	NO INCIDENT OCCURRED									
02/18/13	NO INCIDENT OCCURRED									
02/19/13	NO INCIDENT OCCURRED									
02/20/13	NO INCIDENT OCCURRED									
02/21/13	NO INCIDENT OCCURRED									

EXCESS EMISSIONS INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:42
PERIOD: 01/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
02/22/13	NO INCIDENT OCCURRED									
02/23/13	NO INCIDENT OCCURRED									
02/24/13	NO INCIDENT OCCURRED									
02/25/13	NO INCIDENT OCCURRED									
02/26/13	NO INCIDENT OCCURRED									
02/27/13	NO INCIDENT OCCURRED									
02/28/13	NO INCIDENT OCCURRED									
03/01/13	NO INCIDENT OCCURRED									
03/02/13	NO INCIDENT OCCURRED									
03/03/13	NO INCIDENT OCCURRED									
03/04/13	NO INCIDENT OCCURRED									
03/05/13	NO INCIDENT OCCURRED									
03/06/13	NO INCIDENT OCCURRED									
03/07/13	NO INCIDENT OCCURRED									
03/08/13	NO INCIDENT OCCURRED									
03/09/13	NO INCIDENT OCCURRED									
03/10/13	NO INCIDENT OCCURRED									
03/11/13	NO INCIDENT OCCURRED									
03/12/13	NO INCIDENT OCCURRED									
03/13/13	NO INCIDENT OCCURRED									
03/14/13	NO INCIDENT OCCURRED									
03/15/13	NO INCIDENT OCCURRED									
03/16/13	NO INCIDENT OCCURRED									
03/17/13	NO INCIDENT OCCURRED									
03/18/13	NO INCIDENT OCCURRED									
03/19/13	NO INCIDENT OCCURRED									
03/20/13	NO INCIDENT OCCURRED									
03/21/13	NO INCIDENT OCCURRED									
03/22/13	NO INCIDENT OCCURRED									
03/23/13	NO INCIDENT OCCURRED									
03/24/13	NO INCIDENT OCCURRED									
03/25/13	NO INCIDENT OCCURRED									
03/26/13	NO INCIDENT OCCURRED									
03/27/13	NO INCIDENT OCCURRED									
03/28/13	NO INCIDENT OCCURRED									
03/29/13	NO INCIDENT OCCURRED									
03/30/13	NO INCIDENT OCCURRED									
03/31/13	NO INCIDENT OCCURRED									
04/01/13	NO INCIDENT OCCURRED									
04/02/13	NO INCIDENT OCCURRED									
04/03/13	NO INCIDENT OCCURRED									
04/04/13	NO INCIDENT OCCURRED									
04/05/13	NO INCIDENT OCCURRED									
04/06/13	NO INCIDENT OCCURRED									
04/07/13	NO INCIDENT OCCURRED									
04/08/13	NO INCIDENT OCCURRED									
04/09/13	NO INCIDENT OCCURRED									
04/10/13	NO INCIDENT OCCURRED									
04/11/13	NO INCIDENT OCCURRED									
04/12/13	NO INCIDENT OCCURRED									
04/13/13	NO INCIDENT OCCURRED									
04/14/13	NO INCIDENT OCCURRED									

EXCESS EMISSIONS INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:42
PERIOD: 01/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
04/15/13	NO INCIDENT OCCURRED									
04/16/13	NO INCIDENT OCCURRED									
04/17/13	NO INCIDENT OCCURRED									
04/18/13	NO INCIDENT OCCURRED									
04/19/13	NO INCIDENT OCCURRED									
04/20/13	NO INCIDENT OCCURRED									
04/21/13	NO INCIDENT OCCURRED									
04/22/13	NO INCIDENT OCCURRED									
04/23/13	NO INCIDENT OCCURRED									
04/24/13	NO INCIDENT OCCURRED									
04/25/13	NO INCIDENT OCCURRED									
04/26/13	NO INCIDENT OCCURRED									
04/27/13	NO INCIDENT OCCURRED									
04/28/13	NO INCIDENT OCCURRED									
04/29/13	NO INCIDENT OCCURRED									
04/30/13	NO INCIDENT OCCURRED									
05/01/13	NO INCIDENT OCCURRED									
05/02/13	NO INCIDENT OCCURRED									
05/03/13	NO INCIDENT OCCURRED									
05/04/13	NO INCIDENT OCCURRED									
05/05/13	NO INCIDENT OCCURRED									
05/06/13	NO INCIDENT OCCURRED									
05/07/13	NO INCIDENT OCCURRED									
05/08/13	NO INCIDENT OCCURRED									
05/09/13	NO INCIDENT OCCURRED									
05/10/13	NO INCIDENT OCCURRED									
05/11/13	NO INCIDENT OCCURRED									
05/12/13	NO INCIDENT OCCURRED									
05/13/13	NO INCIDENT OCCURRED									
05/14/13	NO INCIDENT OCCURRED									
05/15/13	NO INCIDENT OCCURRED									
05/16/13	NO INCIDENT OCCURRED									
05/17/13	NO INCIDENT OCCURRED									
05/18/13	NO INCIDENT OCCURRED									
05/19/13	NO INCIDENT OCCURRED									
05/20/13	NO INCIDENT OCCURRED									
05/21/13	NO INCIDENT OCCURRED									
05/22/13	NO INCIDENT OCCURRED									
05/23/13	NO INCIDENT OCCURRED									
05/24/13	NO INCIDENT OCCURRED									
05/25/13	NO INCIDENT OCCURRED									
05/26/13	NO INCIDENT OCCURRED									
05/27/13	NO INCIDENT OCCURRED									
05/28/13	NO INCIDENT OCCURRED									
05/29/13	NO INCIDENT OCCURRED									
05/30/13	NO INCIDENT OCCURRED									
05/31/13	NO INCIDENT OCCURRED									
06/01/13	NO INCIDENT OCCURRED									
06/02/13	NO INCIDENT OCCURRED									
06/03/13	NO INCIDENT OCCURRED									
06/04/13	NO INCIDENT OCCURRED									
06/05/13	NO INCIDENT OCCURRED									

EXCESS EMISSIONS INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:42
PERIOD: 01/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
06/06/13	NO INCIDENT OCCURRED									
06/07/13	NO INCIDENT OCCURRED									
06/08/13	NO INCIDENT OCCURRED									
06/09/13	NO INCIDENT OCCURRED									
06/10/13	NO INCIDENT OCCURRED									
06/11/13	NO INCIDENT OCCURRED									
06/12/13	NO INCIDENT OCCURRED									
06/13/13	NO INCIDENT OCCURRED									
06/14/13	NO INCIDENT OCCURRED									
06/15/13	NO INCIDENT OCCURRED									
06/16/13	NO INCIDENT OCCURRED									
06/17/13	NO INCIDENT OCCURRED									
06/18/13	NO INCIDENT OCCURRED									
06/19/13	NO INCIDENT OCCURRED									
06/20/13	NO INCIDENT OCCURRED									
06/21/13	NO INCIDENT OCCURRED									
06/22/13	NO INCIDENT OCCURRED									
06/23/13	NO INCIDENT OCCURRED									
06/24/13	NO INCIDENT OCCURRED									
06/25/13	NO INCIDENT OCCURRED									
06/26/13	NO INCIDENT OCCURRED									
06/27/13	NO INCIDENT OCCURRED									
06/28/13	NO INCIDENT OCCURRED									
06/29/13	NO INCIDENT OCCURRED									
06/30/13	NO INCIDENT OCCURRED									

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Air Management
Compliance Analysis & Coordination Unit
79 Elm Street
Hartford, Connecticut 06106-5127

Continuous Opacity Monitoring System Summary Report

Corporation Name	Borough of Naugatuck		
Premises Name	Borough of Naugatuck POTW		
Corporation Address	229 Church Street, Naugatuck, CT 06770		
Premises Address	500 Cherry Street, Naugatuck, CT 06770		
Premises Contact Person	John Batorski		
Contact Phone/FAX/e-mail	(203) 723-1433	(203) 723-8539	
Reporting Period Dates	From: April 1, 2013	To: June 30, 2013	
Were there any monitoring system failures during this reporting period? (Yes/ No - provide details in report).	YES	Attachments: COMS data (CD or diskette); COMS data (e-mailed); ☐ Copy of quarterly QA audits; ☐ Excepted activities records (if requested).	
Are any excess emissions being reported during this reporting period? (Yes/No - provide details in report).	NO		

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement in the submitted information may be punishable as a criminal offense, under section 22a-175 of the Connecticut General Statutes, under section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.

Preparer : CK Environmental

Date: July 18, 2013

Plant Signature: John Batorski

Print (or type) John Batorski

Name and Title: Plant Manager

Facility Name:	Borough of Naugatuck POTW		
Combustion Unit(s) Descriptions	Fluidized Bed Incinerator		
Unit Number or ID	EMU 52		
Unit Operating Hours	2107.45 hours		
Sampling Location	Fluidized Bed Incinerator Emissions Stack		
Manufacturer / Model No.	Land / 4500 Mark II	Serial No.	0095478
Date of Certification	January 12, 2005	Date of last QA audit	June 21, 2013
Monitoring equipment malfunctions	20.4 Hours		
Non-monitoring equipment malfunctions	0		
Calibrations	7.10 Hours		
Other known causes[1]	15.35 Hours		
Unknown causes	None		
Total COM downtime	42.85 Hours		
Data Availability (calculated)	98%		

$$\%\ \text{Data Availability} = \left(\frac{\text{Unit Operating Time} - \text{Monitoring Downtime}}{\text{Unit Operating Time}}\right) * 100$$

where:
Unit operating time = total hours of source operation at any level during the calendar quarter; and
Monitoring downtime = total hours of source operation at any level during the calendar quarter where either no CEM equipment data was collected or the CEM equipment data was invalid. Such periods include, but are not limited to, quality assurance activities such as calibration, preventative maintenance, and calibration drift exceedances or quality assurance audits that result in invalid data. [R.C.S.A. 22a-174-4(c)(5)]

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1 - other known causes includes all quality assurance activities other than calibrations (e.g., preventative maintenance, quarterly audits) and out-of-controls periods.

Facility Name:	Borough of Naugatuck POTW		
Unit Number or ID	EMU 52	Unit Operating Hours (a)	2107.45
QUESTION 1 Did the period of exception from the visible emissions standards of 22a-174-18(b)(2) exceed 0.5% of the total operating hours during the calendar quarter?		☐ Yes xNo	
QUESTION 2 Were there any visible emissions in excess of 60% opacity (six-minute block average) during the calendar quarter?		☐ Yes xNo	
QUESTION 3 Were there any periods of visible emissions in excess of the visible emission standards of 22a-174-18(b)(2) not listed in the excepted activities in 22a-174-18(j)?		☐ Yes xNo	

Emission Limit / Averaging Period	(1) 20% / six-minute average	(2) 40% / one-minute average
Startup / Shutdown		
Malfunction: Control Equipment		
Malfunction: Operational / Process		
Commissioner-approved stack testing		
Intentional soot blowing		
Fuel Switching		
Sudden load change		
Other known causes		
Unknown causes		
Total duration of excess emissions		

Total unit operating minutes during the operating period. (a)	Total duration of excess emissions in minutes for both limits combined. (b) = ∑(1) + ∑(2)	Total number of overlapped minutes for both limits. (c)	Adjusted total of excess emissions in minutes for both limits combined. (d) = (b) - (c)	Total duration of excess emissions as a percentage of operating time. (e) = (100*d)/(a)
124800	0	0	0	0

INVALID DATA INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:33
PERIOD: 04/01/2013 - 06/30/2013

INCIDENT: INVALID OPACITY

DATE	START TIME	END TIME	#MIN LONG	CODE	EXPLANATION	CORRECTIVE ACTION
04/01/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/01/13	07:32	11:59	0268	13	PROCESS DOWN	N/A
04/02/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/03/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/04/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/04/13	06:57	07:08	0012	13	PROCESS DOWN	N/A
04/05/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/05/13	07:29	07:38	0010	13	PROCESS DOWN	N/A
04/06/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/06/13	12:55	13:09	0015	13	PROCESS DOWN	N/A
04/07/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/08/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/09/13	04:40	04:54	0015	13	PROCESS DOWN	N/A
04/09/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/09/13	06:10	06:24	0015	13	PROCESS DOWN	N/A
04/10/13	03:40	03:47	0008	18	DATA HANDLING SYSTEM MALFUNCTION	ROUTINE MAINTENANCE PERFORMED ON DA
04/10/13	03:48	03:48	0001	18	DATA HANDLING SYSTEM MALFUNCTION	ROUTINE MAINTENANCE PERFORMED ON DA
04/10/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/11/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/12/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/13/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/14/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/14/13	14:42	15:05	0024	13	PROCESS DOWN	N/A
04/15/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/16/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/16/13	05:58	06:08	0011	13	PROCESS DOWN	N/A
04/16/13	20:20	23:19	0180	13	PROCESS DOWN	N/A
04/17/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/17/13	05:58	07:13	0076	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
04/17/13	07:14	07:17	0004	14	RECALIBRATION	N/A
04/17/13	07:18	07:19	0002	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
04/17/13	07:20	07:32	0013	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
04/17/13	07:33	07:36	0004	14	RECALIBRATION	N/A
04/17/13	07:37	07:37	0001	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
04/17/13	07:38	09:28	0111	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
04/17/13	09:29	09:31	0003	14	RECALIBRATION	N/A
04/17/13	10:20	11:19	0060	13	PROCESS DOWN	N/A
04/17/13	12:20	12:34	0015	13	PROCESS DOWN	N/A
04/18/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/19/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/20/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/21/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/22/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/22/13	08:50	10:04	0075	13	PROCESS DOWN	N/A
04/23/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/24/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/25/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/25/13	12:05	12:19	0015	13	PROCESS DOWN	N/A
04/25/13	12:35	12:49	0015	13	PROCESS DOWN	N/A
04/26/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/27/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/28/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/29/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/30/13	05:55	05:57	0003	14	RECALIBRATION	N/A
04/30/13	08:50	13:19	0270	13	PROCESS DOWN	N/A
05/01/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/02/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/02/13	10:20	12:19	0120	13	PROCESS DOWN	N/A
05/03/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/04/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/05/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/06/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/06/13	07:20	14:19	0420	13	PROCESS DOWN	N/A
05/07/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/08/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/09/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/10/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/11/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/12/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/13/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/13/13	07:35	14:24	0410	13	PROCESS DOWN	N/A
05/14/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/14/13	11:55	12:09	0015	13	PROCESS DOWN	N/A

INVALID DATA INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:33
PERIOD: 04/01/2013 - 06/30/2013

INCIDENT: INVALID OPACITY

DATE	START TIME	END TIME	#MIN LONG	CODE	EXPLANATION	CORRECTIVE ACTION
05/15/13	03:38	03:42	0005	18	DATA HANDLING SYSTEM MALFUNCTION	ROUTINE MAINTENANCE PERFORMED ON DA
05/15/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/16/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/17/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/18/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/19/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/20/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/20/13	12:14	12:24	0011	13	PROCESS DOWN	N/A
05/21/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/21/13	12:11	12:24	0014	13	PROCESS DOWN	N/A
05/22/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/22/13	10:10	10:24	0015	13	PROCESS DOWN	N/A
05/22/13	10:55	11:24	0030	13	PROCESS DOWN	N/A
05/23/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/24/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/24/13	07:10	08:24	0075	13	PROCESS DOWN	N/A
05/25/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/26/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/27/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/28/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/29/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/30/13	05:55	05:57	0003	14	RECALIBRATION	N/A
05/30/13	08:32	08:38	0007	20	CORRECTIVE MAINTENANCE	N/A
05/31/13	05:55	05:57	0003	14	RECALIBRATION	ROUTINE MAINTENANCE PERFORMED ON CE
06/01/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/02/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/03/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/04/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/05/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/06/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/06/13	11:23	11:24	0002	13	PROCESS DOWN	N/A
06/07/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/08/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/09/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/10/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/11/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/12/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/13/13	03:19	03:22	0004	18	DATA HANDLING SYSTEM MALFUNCTION	ROUTINE MAINTENANCE PERFORMED ON DA
06/13/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/13/13	07:11	07:25	0015	13	PROCESS DOWN	N/A
06/14/13	05:55	05:55	0001	14	RECALIBRATION	N/A
06/14/13	05:56	06:09	0014	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/14/13	06:10	06:25	0016	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/14/13	06:26	06:26	0001	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/14/13	06:27	06:28	0002	14	RECALIBRATION	N/A
06/15/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/16/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/17/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/18/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/18/13	08:49	08:54	0006	13	PROCESS DOWN	N/A
06/18/13	09:40	11:04	0085	13	PROCESS DOWN	N/A
06/18/13	13:41	13:54	0014	13	PROCESS DOWN	N/A
06/19/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/19/13	08:10	23:59	0950	13	PROCESS DOWN	N/A
06/20/13	00:00	05:54	0355	13	PROCESS DOWN	N/A
06/20/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/20/13	08:40	08:54	0015	13	PROCESS DOWN	N/A
06/20/13	09:40	12:24	0165	13	PROCESS DOWN	N/A
06/20/13	18:40	18:54	0015	13	PROCESS DOWN	N/A
06/21/13	05:55	06:09	0015	13	PROCESS DOWN	N/A
06/21/13	07:10	07:24	0015	13	PROCESS DOWN	N/A
06/21/13	14:40	14:54	0015	13	PROCESS DOWN	N/A
06/21/13	17:13	17:13	0001	14	RECALIBRATION	N/A
06/21/13	17:14	18:31	0078	20	CORRECTIVE MAINTENANCE	N/A
06/21/13	18:32	20:41	0130	14	RECALIBRATION	ROUTINE MAINTENANCE PERFORMED ON CE
06/22/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/23/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/24/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/24/13	09:55	10:09	0015	13	PROCESS DOWN	N/A
06/24/13	14:10	14:24	0015	13	PROCESS DOWN	N/A
6/25/13	05:55	05:57	0003	14	RECALIBRATION	N/A
6/25/13	07:10	13:06	0357	13	PROCESS DOWN	N/A
6/25/13	13:22	14:06	0045	13	PROCESS DOWN	N/A

INVALID DATA INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:33
PERIOD: 04/01/2013 - 06/30/2013

INCIDENT: INVALID OPACITY

DATE	START TIME	END TIME	#MIN LONG	CODE	EXPLANATION	CORRECTIVE ACTION
06/26/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/27/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/27/13	07:22	10:09	0168	13	PROCESS DOWN	N/A
06/28/13	05:42	06:02	0021	13	PROCESS DOWN	N/A
06/28/13	06:03	06:05	0003	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	06:06	07:06	0061	13	PROCESS DOWN	N/A
06/28/13	07:07	07:14	0008	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	07:15	07:34	0020	13	PROCESS DOWN	N/A
06/28/13	07:35	07:41	0007	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	07:42	08:38	0057	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	08:39	09:04	0026	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	09:05	09:10	0006	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	09:11	09:11	0001	13	PROCESS DOWN	N/A
06/28/13	09:12	09:23	0012	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	09:24	11:40	0137	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	11:41	11:50	0010	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	11:51	12:00	0010	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	12:01	12:05	0005	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	12:06	12:10	0005	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	12:11	12:23	0013	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	12:24	12:24	0001	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	12:25	12:25	0001	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	12:26	12:36	0011	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/28/13	12:37	12:59	0023	13	PROCESS DOWN	N/A
06/28/13	13:00	13:04	0005	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	13:05	13:29	0025	13	PROCESS DOWN	N/A
06/28/13	13:30	13:31	0002	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/28/13	13:32	14:06	0035	13	PROCESS DOWN	N/A
06/28/13	14:07	23:59	0593	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/29/13	00:00	06:32	0393	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/29/13	06:33	07:27	0055	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/29/13	07:28	07:36	0009	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/29/13	07:37	09:12	0096	20	CORRECTIVE MAINTENANCE	ROUTINE MAINTENANCE PERFORMED ON CE
06/29/13	09:13	09:14	0002	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	09:15	09:17	0003	14	RECALIBRATION	N/A
06/29/13	09:18	09:47	0030	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	09:48	09:49	0002	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/29/13	09:50	09:55	0006	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	09:56	09:58	0003	14	RECALIBRATION	N/A
06/29/13	09:59	09:59	0001	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	10:00	10:03	0004	14	RECALIBRATION	N/A
06/29/13	10:04	10:16	0013	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	10:17	10:18	0002	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/29/13	10:19	10:21	0003	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	10:22	10:24	0003	14	RECALIBRATION	N/A
06/29/13	10:25	10:29	0005	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	10:30	10:31	0002	16	PRIMARY MONITOR MALFUNCTION	CORRECTIVE MAINTENANCE PERFORMED ON
06/29/13	10:32	10:33	0002	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	10:34	10:37	0004	14	RECALIBRATION	N/A
06/29/13	10:38	15:12	0275	11	EXCESS DRIFT PRIMARY MONITOR	MANUALLY RECALIBRATE PRIMARY MONITO
06/29/13	15:13	15:15	0003	14	RECALIBRATION	N/A
06/30/13	05:55	05:57	0003	14	RECALIBRATION	N/A
06/30/13	14:07	14:36	0030	13	PROCESS DOWN	N/A

INCIDENT SUMMARY: INVALID OPACITY

CODE#	HOURS	PERCENT	EXPLANATION
11	6.93	5.81	EXCESS DRIFT PRIMARY MONITOR
13	76.55	64.11	PROCESS DOWN
14	7.10	5.95	RECALIBRATION
16	20.40	17.09	PRIMARY MONITOR MALFUNCTION
18	0.30	0.25	DATA HANDLING SYSTEM MALFUNCTION
20	8.12	6.80	CORRECTIVE MAINTENANCE

TOTAL HOURS: 119.40

91 days in Q2 2013 = 2184 - 76.55

2107.45 operating hrs

$\frac{2107.45 - 42.85}{2107.45} \times 100 = 97.97\%$

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:35
PERIOD: 04/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	CO @7% (ppmvd) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
04/01/13	19.53	100.0%	19.53	81.4%	24.00	100.0%
04/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/04/13	23.80	100.0%	23.80	99.2%	24.00	100.0%
04/05/13	23.83	100.0%	23.83	99.3%	24.00	100.0%
04/06/13	23.75	100.0%	23.75	99.0%	24.00	100.0%
04/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/09/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
04/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/11/13	24.00	100.0%	24.00	100.0%	23.87	99.4%
04/12/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
04/13/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/14/13	23.60	100.0%	23.60	98.3%	24.00	100.0%
04/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/16/13	20.82	100.0%	20.82	86.7%	24.00	100.0%
04/17/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
04/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/19/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/20/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/21/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/22/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
04/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/25/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
04/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/30/13	18.67	95.7%	19.50	81.3%	24.00	100.0%
05/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/02/13	22.00	100.0%	22.00	91.7%	24.00	100.0%
05/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/06/13	17.00	100.0%	17.00	70.8%	24.00	100.0%
05/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/09/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
05/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/13/13	17.17	100.0%	17.17	71.5%	24.00	100.0%
05/14/13	23.75	100.0%	23.75	99.0%	24.00	100.0%
05/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/16/13	24.00	100.0%	24.00	100.0%	23.92	99.7%
05/17/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/19/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/20/13	23.82	100.0%	23.82	99.2%	24.00	100.0%
05/21/13	23.77	100.0%	23.77	99.0%	24.00	100.0%
05/22/13	23.25	100.0%	23.25	96.9%	24.00	100.0%

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:35
PERIOD: 04/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	CO @7% (ppmvd) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
05/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/24/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
05/25/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/30/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
05/31/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/06/13	23.97	100.0%	23.97	99.9%	24.00	100.0%
06/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/09/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/13/13	23.75	100.0%	23.75	99.0%	23.93	99.7%
06/14/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/16/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/17/13	16.00	66.7%	24.00	100.0%	24.00	100.0%
06/18/13	13.25	59.6%	22.25	92.7%	24.00	100.0%
06/19/13	7.17	87.8%	8.17	34.0%	24.00	100.0%
06/20/13	14.83	100.0%	14.83	61.8%	24.00	100.0%
06/21/13	20.25	87.1%	23.25	96.9%	24.00	100.0%
06/22/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
06/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/24/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
06/25/13	17.30	100.0%	17.30	72.1%	24.00	100.0%
06/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/27/13	21.20	100.0%	21.20	88.3%	24.00	100.0%
06/28/13	18.83	91.5%	20.58	85.8%	24.00	100.0%
06/29/13	23.00	95.8%	24.00	100.0%	24.00	100.0%
06/30/13	23.50	100.0%	23.50	97.9%	24.00	100.0%

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:36
PERIOD: 04/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	CO @7% (ppmvd) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
TOTAL:	2078.55	98.6%	2107.13	96.5%	2183.72	100.0%

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:36
PERIOD: 04/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	OPACITY (%) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
04/01/13	19.53	100.0%	19.53	81.4%	24.00	100.0%
04/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/04/13	23.80	100.0%	23.80	99.2%	24.00	100.0%
04/05/13	23.83	100.0%	23.83	99.3%	24.00	100.0%
04/06/13	23.75	100.0%	23.75	99.0%	24.00	100.0%
04/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/09/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
04/10/13	24.00	100.0%	24.00	100.0%	23.87	99.4%
04/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/13/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/14/13	23.60	100.0%	23.60	98.3%	24.00	100.0%
04/15/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/16/13	20.82	100.0%	20.82	86.7%	24.00	100.0%
04/17/13	18.75	82.4%	22.75	94.8%	24.00	100.0%
04/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/19/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/20/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/21/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/22/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
04/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/24/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/25/13	23.50	100.0%	23.50	97.9%	24.00	100.0%
04/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
04/30/13	19.50	100.0%	19.50	81.3%	24.00	100.0%
05/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/02/13	22.00	100.0%	22.00	91.7%	24.00	100.0%
05/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/06/13	17.00	100.0%	17.00	70.8%	24.00	100.0%
05/07/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/09/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/13/13	17.17	100.0%	17.17	71.5%	24.00	100.0%
05/14/13	23.75	100.0%	23.75	99.0%	24.00	100.0%
05/15/13	24.00	100.0%	24.00	100.0%	23.92	99.7%
05/16/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/17/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/18/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/19/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/20/13	23.82	100.0%	23.82	99.2%	24.00	100.0%
05/21/13	23.77	100.0%	23.77	99.0%	24.00	100.0%
05/22/13	23.25	100.0%	23.25	96.9%	24.00	100.0%

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:36
PERIOD: 04/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	OPACITY (%) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
05/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/24/13	22.75	100.0%	22.75	94.8%	24.00	100.0%
05/25/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/26/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/27/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/28/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/29/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/30/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
05/31/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/01/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/02/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/03/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/04/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/05/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/06/13	23.97	100.0%	24.00	100.0%	24.00	100.0%
06/07/13	24.00	100.0%	23.97	99.9%	24.00	100.0%
06/08/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/09/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/10/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/11/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/12/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/13/13	23.75	100.0%	24.00	100.0%	24.00	100.0%
06/14/13	23.00	95.8%	23.75	99.0%	24.00	100.0%
06/15/13	24.00	100.0%	24.00	100.0%	23.93	99.7%
06/16/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/17/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/18/13	22.25	100.0%	24.00	100.0%	24.00	100.0%
06/19/13	8.17	100.0%	22.25	92.7%	24.00	100.0%
06/20/13	14.83	100.0%	8.17	34.0%	24.00	100.0%
06/21/13	19.25	82.8%	14.83	61.8%	24.00	100.0%
06/22/13	24.00	100.0%	23.25	96.9%	24.00	100.0%
06/23/13	24.00	100.0%	24.00	100.0%	24.00	100.0%
06/24/13	23.50	100.0%	24.00	100.0%	24.00	100.0%
06/25/13	17.30	100.0%	23.50	97.9%	24.00	100.0%
06/26/13	24.00	100.0%	17.30	72.1%	24.00	100.0%
06/27/13	21.20	100.0%	24.00	100.0%	24.00	100.0%
06/28/13	6.95	33.8%	21.20	88.3%	24.00	100.0%
06/29/13	8.00	33.3%	20.58	85.8%	24.00	100.0%
06/30/13	23.50	100.0%	24.00	100.0%	24.00	100.0%
			23.50	97.9%	24.00	100.0%

AVAILABILITY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:36
PERIOD: 04/01/2013 - 06/30/2013

DATA AVAILABILITY AND VALIDITY

DATE MM/DD/YY	OPACITY (%) VALID HOURS	%	SOURCE ON-LINE HOURS	%	DAS ON-LINE HOURS	%
TOTAL:	2068.50	98.2%	2107.13	96.5%	2183.72	100.0%

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: PB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:42
PERIOD: 01/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
01/01/13	NO INCIDENT OCCURRED									
01/02/13	NO INCIDENT OCCURRED									
01/03/13	NO INCIDENT OCCURRED									
01/04/13	NO INCIDENT OCCURRED									
01/05/13	NO INCIDENT OCCURRED									
01/06/13	NO INCIDENT OCCURRED									
01/07/13	NO INCIDENT OCCURRED									
01/08/13	NO INCIDENT OCCURRED									
01/09/13	NO INCIDENT OCCURRED									
01/10/13	NO INCIDENT OCCURRED									
01/11/13	NO INCIDENT OCCURRED									
01/12/13	NO INCIDENT OCCURRED									
01/13/13	NO INCIDENT OCCURRED									
01/14/13	NO INCIDENT OCCURRED									
01/15/13	NO INCIDENT OCCURRED									
01/16/13	NO INCIDENT OCCURRED									
01/17/13	NO INCIDENT OCCURRED									
01/18/13	NO INCIDENT OCCURRED									
01/19/13	NO INCIDENT OCCURRED									
01/20/13	NO INCIDENT OCCURRED									
01/21/13	NO INCIDENT OCCURRED									
01/22/13	NO INCIDENT OCCURRED									
01/23/13	NO INCIDENT OCCURRED									
01/24/13	NO INCIDENT OCCURRED									
01/25/13	NO INCIDENT OCCURRED									
01/26/13	NO INCIDENT OCCURRED									
01/27/13	NO INCIDENT OCCURRED									
01/28/13	NO INCIDENT OCCURRED									
01/29/13	NO INCIDENT OCCURRED									
01/30/13	NO INCIDENT OCCURRED									
01/31/13	NO INCIDENT OCCURRED									
02/01/13	NO INCIDENT OCCURRED									
02/02/13	NO INCIDENT OCCURRED									
02/03/13	NO INCIDENT OCCURRED									
02/04/13	NO INCIDENT OCCURRED									
02/05/13	NO INCIDENT OCCURRED									
02/06/13	NO INCIDENT OCCURRED									
02/07/13	NO INCIDENT OCCURRED									
02/08/13	NO INCIDENT OCCURRED									
02/09/13	NO INCIDENT OCCURRED									
02/10/13	NO INCIDENT OCCURRED									
02/11/13	NO INCIDENT OCCURRED									
02/12/13	NO INCIDENT OCCURRED									
02/13/13	NO INCIDENT OCCURRED									
02/14/13	NO INCIDENT OCCURRED									
02/15/13	NO INCIDENT OCCURRED									
02/16/13	NO INCIDENT OCCURRED									
02/17/13	NO INCIDENT OCCURRED									
02/18/13	NO INCIDENT OCCURRED									
02/19/13	NO INCIDENT OCCURRED									
02/20/13	NO INCIDENT OCCURRED									
02/21/13	NO INCIDENT OCCURRED									

EXCESS EMISSIONS INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:42
PERIOD: 01/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
02/22/13	NO INCIDENT OCCURRED									
02/23/13	NO INCIDENT OCCURRED									
02/24/13	NO INCIDENT OCCURRED									
02/25/13	NO INCIDENT OCCURRED									
02/26/13	NO INCIDENT OCCURRED									
02/27/13	NO INCIDENT OCCURRED									
02/28/13	NO INCIDENT OCCURRED									
03/01/13	NO INCIDENT OCCURRED									
03/02/13	NO INCIDENT OCCURRED									
03/03/13	NO INCIDENT OCCURRED									
03/04/13	NO INCIDENT OCCURRED									
03/05/13	NO INCIDENT OCCURRED									
03/06/13	NO INCIDENT OCCURRED									
03/07/13	NO INCIDENT OCCURRED									
03/08/13	NO INCIDENT OCCURRED									
03/09/13	NO INCIDENT OCCURRED									
03/10/13	NO INCIDENT OCCURRED									
03/11/13	NO INCIDENT OCCURRED									
03/12/13	NO INCIDENT OCCURRED									
03/13/13	NO INCIDENT OCCURRED									
03/14/13	NO INCIDENT OCCURRED									
03/15/13	NO INCIDENT OCCURRED									
03/16/13	NO INCIDENT OCCURRED									
03/17/13	NO INCIDENT OCCURRED									
03/18/13	NO INCIDENT OCCURRED									
03/19/13	NO INCIDENT OCCURRED									
03/20/13	NO INCIDENT OCCURRED									
03/21/13	NO INCIDENT OCCURRED									
03/22/13	NO INCIDENT OCCURRED									
03/23/13	NO INCIDENT OCCURRED									
03/24/13	NO INCIDENT OCCURRED									
03/25/13	NO INCIDENT OCCURRED									
03/26/13	NO INCIDENT OCCURRED									
03/27/13	NO INCIDENT OCCURRED									
03/28/13	NO INCIDENT OCCURRED									
03/29/13	NO INCIDENT OCCURRED									
03/30/13	NO INCIDENT OCCURRED									
03/31/13	NO INCIDENT OCCURRED									
04/01/13	NO INCIDENT OCCURRED									
04/02/13	NO INCIDENT OCCURRED									
04/03/13	NO INCIDENT OCCURRED									
04/04/13	NO INCIDENT OCCURRED									
04/05/13	NO INCIDENT OCCURRED									
04/06/13	NO INCIDENT OCCURRED									
04/07/13	NO INCIDENT OCCURRED									
04/08/13	NO INCIDENT OCCURRED									
04/09/13	NO INCIDENT OCCURRED									
04/10/13	NO INCIDENT OCCURRED									
04/11/13	NO INCIDENT OCCURRED									
04/12/13	NO INCIDENT OCCURRED									
04/13/13	NO INCIDENT OCCURRED									
04/14/13	NO INCIDENT OCCURRED									

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:42
PERIOD: 01/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
04/15/13	NO INCIDENT OCCURRED									
04/16/13	NO INCIDENT OCCURRED									
04/17/13	NO INCIDENT OCCURRED									
04/18/13	NO INCIDENT OCCURRED									
04/19/13	NO INCIDENT OCCURRED									
04/20/13	NO INCIDENT OCCURRED									
04/21/13	NO INCIDENT OCCURRED									
04/22/13	NO INCIDENT OCCURRED									
04/23/13	NO INCIDENT OCCURRED									
04/24/13	NO INCIDENT OCCURRED									
04/25/13	NO INCIDENT OCCURRED									
04/26/13	NO INCIDENT OCCURRED									
04/27/13	NO INCIDENT OCCURRED									
04/28/13	NO INCIDENT OCCURRED									
04/29/13	NO INCIDENT OCCURRED									
04/30/13	NO INCIDENT OCCURRED									
05/01/13	NO INCIDENT OCCURRED									
05/02/13	NO INCIDENT OCCURRED									
05/03/13	NO INCIDENT OCCURRED									
05/04/13	NO INCIDENT OCCURRED									
05/05/13	NO INCIDENT OCCURRED									
05/06/13	NO INCIDENT OCCURRED									
05/07/13	NO INCIDENT OCCURRED									
05/08/13	NO INCIDENT OCCURRED									
05/09/13	NO INCIDENT OCCURRED									
05/10/13	NO INCIDENT OCCURRED									
05/11/13	NO INCIDENT OCCURRED									
05/12/13	NO INCIDENT OCCURRED									
05/13/13	NO INCIDENT OCCURRED									
05/14/13	NO INCIDENT OCCURRED									
05/15/13	NO INCIDENT OCCURRED									
05/16/13	NO INCIDENT OCCURRED									
05/17/13	NO INCIDENT OCCURRED									
05/18/13	NO INCIDENT OCCURRED									
05/19/13	NO INCIDENT OCCURRED									
05/20/13	NO INCIDENT OCCURRED									
05/21/13	NO INCIDENT OCCURRED									
05/22/13	NO INCIDENT OCCURRED									
05/23/13	NO INCIDENT OCCURRED									
05/24/13	NO INCIDENT OCCURRED									
05/25/13	NO INCIDENT OCCURRED									
05/26/13	NO INCIDENT OCCURRED									
05/27/13	NO INCIDENT OCCURRED									
05/28/13	NO INCIDENT OCCURRED									
05/29/13	NO INCIDENT OCCURRED									
05/30/13	NO INCIDENT OCCURRED									
05/31/13	NO INCIDENT OCCURRED									
06/01/13	NO INCIDENT OCCURRED									
06/02/13	NO INCIDENT OCCURRED									
06/03/13	NO INCIDENT OCCURRED									
06/04/13	NO INCIDENT OCCURRED									
06/05/13	NO INCIDENT OCCURRED									

EXCESS EMISSIONS INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:42
PERIOD: 01/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
06/06/13	NO INCIDENT OCCURRED									
06/07/13	NO INCIDENT OCCURRED									
06/08/13	NO INCIDENT OCCURRED									
06/09/13	NO INCIDENT OCCURRED									
06/10/13	NO INCIDENT OCCURRED									
06/11/13	NO INCIDENT OCCURRED									
06/12/13	NO INCIDENT OCCURRED									
06/13/13	NO INCIDENT OCCURRED									
06/14/13	NO INCIDENT OCCURRED									
06/15/13	NO INCIDENT OCCURRED									
06/16/13	NO INCIDENT OCCURRED									
06/17/13	NO INCIDENT OCCURRED									
06/18/13	NO INCIDENT OCCURRED									
06/19/13	NO INCIDENT OCCURRED									
06/20/13	NO INCIDENT OCCURRED									
06/21/13	NO INCIDENT OCCURRED									
06/22/13	NO INCIDENT OCCURRED									
06/23/13	NO INCIDENT OCCURRED									
06/24/13	NO INCIDENT OCCURRED									
06/25/13	NO INCIDENT OCCURRED									
06/26/13	NO INCIDENT OCCURRED									
06/27/13	NO INCIDENT OCCURRED									
06/28/13	NO INCIDENT OCCURRED									
06/29/13	NO INCIDENT OCCURRED									
06/30/13	NO INCIDENT OCCURRED									

EXCESS EMISSIONS INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:37
PERIOD: 04/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
04/01/13	NO INCIDENT OCCURRED									
04/02/13	NO INCIDENT OCCURRED									
04/03/13	NO INCIDENT OCCURRED									
04/04/13	NO INCIDENT OCCURRED									
04/05/13	NO INCIDENT OCCURRED									
04/06/13	NO INCIDENT OCCURRED									
04/07/13	NO INCIDENT OCCURRED									
04/08/13	NO INCIDENT OCCURRED									
04/09/13	NO INCIDENT OCCURRED									
04/10/13	NO INCIDENT OCCURRED									
04/11/13	NO INCIDENT OCCURRED									
04/12/13	NO INCIDENT OCCURRED									
04/13/13	NO INCIDENT OCCURRED									
04/14/13	NO INCIDENT OCCURRED									
04/15/13	NO INCIDENT OCCURRED									
04/16/13	NO INCIDENT OCCURRED									
04/17/13	NO INCIDENT OCCURRED									
04/18/13	NO INCIDENT OCCURRED									
04/19/13	NO INCIDENT OCCURRED									
04/20/13	NO INCIDENT OCCURRED									
04/21/13	NO INCIDENT OCCURRED									
04/22/13	NO INCIDENT OCCURRED									
04/23/13	NO INCIDENT OCCURRED									
04/24/13	NO INCIDENT OCCURRED									
04/25/13	NO INCIDENT OCCURRED									
04/26/13	NO INCIDENT OCCURRED									
04/27/13	NO INCIDENT OCCURRED									
04/28/13	NO INCIDENT OCCURRED									
04/29/13	NO INCIDENT OCCURRED									
04/30/13	NO INCIDENT OCCURRED									
05/01/13	NO INCIDENT OCCURRED									
05/02/13	NO INCIDENT OCCURRED									
05/03/13	NO INCIDENT OCCURRED									
05/04/13	NO INCIDENT OCCURRED									
05/05/13	NO INCIDENT OCCURRED									
05/06/13	NO INCIDENT OCCURRED									
05/07/13	NO INCIDENT OCCURRED									
05/08/13	NO INCIDENT OCCURRED									
05/09/13	NO INCIDENT OCCURRED									
05/10/13	NO INCIDENT OCCURRED									
05/11/13	NO INCIDENT OCCURRED									
05/12/13	NO INCIDENT OCCURRED									
05/13/13	NO INCIDENT OCCURRED									
05/14/13	NO INCIDENT OCCURRED									
05/15/13	NO INCIDENT OCCURRED									
05/16/13	NO INCIDENT OCCURRED									
05/17/13	NO INCIDENT OCCURRED									
05/18/13	NO INCIDENT OCCURRED									
05/19/13	NO INCIDENT OCCURRED									
05/20/13	NO INCIDENT OCCURRED									
05/21/13	NO INCIDENT OCCURRED									
05/22/13	NO INCIDENT OCCURRED									

EXCESS EMISSIONS INCIDENTS REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: PB Incinerator
CEMS ID NO: 1234
DATE CREATED: 07/16/2013 @ 11:37
PERIOD: 04/01/2013 - 06/30/2013

INCIDENT: HI 1-HR OPACITY (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
05/23/13	NO INCIDENT OCCURRED									
05/24/13	NO INCIDENT OCCURRED									
05/25/13	NO INCIDENT OCCURRED									
05/26/13	NO INCIDENT OCCURRED									
05/27/13	NO INCIDENT OCCURRED									
05/28/13	NO INCIDENT OCCURRED									
05/29/13	NO INCIDENT OCCURRED									
05/30/13	NO INCIDENT OCCURRED									
05/31/13	NO INCIDENT OCCURRED									
06/01/13	NO INCIDENT OCCURRED									
06/02/13	NO INCIDENT OCCURRED									
06/03/13	NO INCIDENT OCCURRED									
06/04/13	NO INCIDENT OCCURRED									
06/05/13	NO INCIDENT OCCURRED									
06/06/13	NO INCIDENT OCCURRED									
06/07/13	NO INCIDENT OCCURRED									
06/08/13	NO INCIDENT OCCURRED									
06/09/13	NO INCIDENT OCCURRED									
06/10/13	NO INCIDENT OCCURRED									
06/11/13	NO INCIDENT OCCURRED									
06/12/13	NO INCIDENT OCCURRED									
06/13/13	NO INCIDENT OCCURRED									
06/14/13	NO INCIDENT OCCURRED									
06/15/13	NO INCIDENT OCCURRED									
06/16/13	NO INCIDENT OCCURRED									
06/17/13	NO INCIDENT OCCURRED									
06/18/13	NO INCIDENT OCCURRED									
06/19/13	NO INCIDENT OCCURRED									
06/20/13	NO INCIDENT OCCURRED									
06/21/13	NO INCIDENT OCCURRED									
06/22/13	NO INCIDENT OCCURRED									
06/23/13	NO INCIDENT OCCURRED									
06/24/13	NO INCIDENT OCCURRED									
06/25/13	NO INCIDENT OCCURRED									
06/26/13	NO INCIDENT OCCURRED									
06/27/13	NO INCIDENT OCCURRED									
06/28/13	NO INCIDENT OCCURRED									
06/29/13	NO INCIDENT OCCURRED									
06/30/13	NO INCIDENT OCCURRED									

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EPA SUMMARY REPORT

POLLUTANT: O2-D
SOURCE: FB Incinerator

DATE CREATED: 07/02/2013 @ 10:18
PERIOD: 04/01/13 - 06/30/13

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT

EMISSION LIMITATION: 13.5 (%) LIMIT

MONITOR MANUF / MODEL #:Rosemount

LATEST CMS AUDIT: 12/07/2012

PROCESS UNIT(S) DESC: EMU 52

Total source operating time in reporting period: 2107.13hours

Emission Data Summary (1)		CMS Performance Summary (1)	
1. Duration of excess emissions in reporting period due to		1. CMS Downtime in reporting period due to	
a. Startup/shutdown	1.82	a. Monitor equipment malfunctions	0.00
b. Control equipment problems	0.00	b. Non-monitor equipment malfunctions	15.00
c. Process problems	0.00	c. Quality assurance calibration	4.00
d. Other known causes	0.00	d. Other known causes	26.07
e. Unknown causes	5.22	e. Unknown causes	0.00
2. Total duration of excess emissions	7.03	2. Total CMS Downtime	45.07
3. % of source operating time (2)	0.3%	3. % of source operating time (2)	2.1%

Notes:
(1) For opacity record all times in minutes. For gases record all times in hours.
(2) For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time both the summary report form and the excess emission report described in 60.7(c) shall be submitted.
On a separate page describe any changes since last quarter in CMS process or controls.
I certify that the information contained in this report is true accurate and complete.

Name: John Batorski

Signature: John Batorski

Title: Plant Manager

Date: 7/17/13

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
DATE CREATED: 07/02/2013 @ 10:18
PERIOD: 04/01/13 - 06/30/13

EXCESS EMISSION PERIODS: HI O2-D >60-MIN (%)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
04/16/13	17:08	19:49	0162	21.1	21.1	13.5	7.6	08	NORMAL OPERATION	CORRECTIVE
06/18/13	07:00	08:48	0109	21.0	21.0	13.5	7.5	04	SHUTDOWN	CORRECTIVE
06/19/13	06:07	07:22	0076	14.1	14.5	13.5	0.6	08	NORMAL OPERATION	CORRECTIVE
06/20/13	07:25	08:39	0075	16.5	16.6	13.5	3	08	NORMAL OPERATION	CORRECTIVE

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 07/02/2013 @ 10:18
PERIOD: 04/01/13 - 06/30/13
SOURCE: FB Incinerator

CMS DOWNTIME: O2-D

DATE	HOUR	DURATION	CODE	EXPLANATION
04/01/13	07	0.53	13	PROCESS DOWN
04/09/13	06	0.75	13	PROCESS DOWN
04/12/13	08	1.00	14	RECALIBRATION
04/14/13	14	0.70	13	PROCESS DOWN
04/16/13	20	0.33	13	PROCESS DOWN
04/16/13	23	0.67	13	PROCESS DOWN
04/17/13	10	0.33	13	PROCESS DOWN
04/17/13	11	0.67	13	PROCESS DOWN
04/25/13	12	0.50	13	PROCESS DOWN
04/30/13	08	0.83	20	CORRECTIVE MAINTENANCE
04/30/13	13	0.67	13	PROCESS DOWN
05/02/13	10	0.33	13	PROCESS DOWN
05/02/13	12	0.67	13	PROCESS DOWN
05/06/13	07	0.33	13	PROCESS DOWN
05/06/13	14	0.67	13	PROCESS DOWN
05/09/13	08	1.00	20	CORRECTIVE MAINTENANCE
05/13/13	07	0.58	13	PROCESS DOWN
05/13/13	14	0.58	13	PROCESS DOWN
05/22/13	10	0.67	13	PROCESS DOWN
05/22/13	11	0.58	13	PROCESS DOWN
05/24/13	07	0.17	13	PROCESS DOWN
05/24/13	08	0.58	13	PROCESS DOWN
05/30/13	08	1.00	20	CORRECTIVE MAINTENANCE
06/17/13	16	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	17	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	18	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	19	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	20	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	21	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	22	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/17/13	23	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	00	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	01	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	02	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	03	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	04	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	05	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	06	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/18/13	09	0.67	14	RECALIBRATION
06/18/13	12	1.00	13	PROCESS DOWN
06/18/13	13	0.77	20	CORRECTIVE MAINTENANCE
06/18/13	23	1.00	13	PROCESS DOWN
06/19/13	01	1.00	19	SAMPLE INTERFACE MALFUNCTION
06/19/13	08	0.17	20	CORRECTIVE MAINTENANCE
06/20/13	05	0.08	13	PROCESS DOWN
06/20/13	09	0.67	13	PROCESS DOWN
06/20/13	12	0.58	13	PROCESS DOWN
06/21/13	17	1.00	13	PROCESS DOWN
06/21/13	18	1.00	20	CORRECTIVE MAINTENANCE
06/21/13	19	1.00	20	CORRECTIVE MAINTENANCE
06/22/13	06	1.00	20	CORRECTIVE MAINTENANCE
06/25/13	07	0.17	14	RECALIBRATION
06/25/13	13	0.25	13	PROCESS DOWN
06/27/13	07	0.37	13	PROCESS DOWN
06/28/13	05	0.70	13	PROCESS DOWN
06/28/13	06	0.07	13	PROCESS DOWN
06/28/13	07	0.57	13	PROCESS DOWN
06/28/13	09	0.75	13	PROCESS DOWN
06/28/13	10	1.00	20	CORRECTIVE MAINTENANCE
06/28/13	12	0.62	20	CORRECTIVE MAINTENANCE
			13	PROCESS DOWN

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 07/02/2013 @ 10:18
PERIOD: 04/01/13 - 06/30/13
SOURCE: FB Incinerator

CMS DOWNTIME: O2-D

DATE	HOUR	DURATION	CODE	EXPLANATION
06/29/13	09	1.00	14	RECALIBRATION
06/30/13	14	0.50	13	PROCESS DOWN

EPA SUMMARY REPORT

POLLUTANT: OVERALL DP
SOURCE: FB Incinerator

DATE CREATED: 07/18/2013 @ 06:59
PERIOD: 04/01/13 - 06/30/13

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT

EMISSION LIMITATION: 8.0 ("wc) LIMIT

MONITOR MANUF / MODEL #: Rosemount

LATEST CMS AUDIT: 07/01/2013

PROCESS UNIT(S) DESC: EMU 52

Total source operating time in reporting period: 2107.13hours

Emission Data Summary (1)		CMS Performance Summary (1)	
1. Duration of excess emissions in reporting period due to		1. CMS Downtime in reporting period due to	
a. Startup/shutdown	23.33	a. Monitor equipment malfunctions	0.00
b. Control equipment problems	0.00	b. Non-monitor equipment malfunctions	0.00
c. Process problems	0.00	c. Quality assurance calibration	0.00
d. Other known causes	0.00	d. Other known causes	0.00
e. Unknown causes	0.00	e. Unknown causes	0.00
2. Total duration of excess emissions	23.33	2. Total CMS Downtime	0.00
3. % of source operating time (2)	1.1%	3. % of source operating time (2)	0.0%

Notes:
(1) For opacity record all times in minutes. For gases record all times in hours.
(2) For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time both the summary report form and the excess emission report described in 60.7(c) shall be submitted.
On a separate page describe any changes since last quarter in CMS process or controls.
I certify that the information contained in this report is true accurate and complete.

Name: John Batorski

Signature: John Batorski

Title: Plant Manager

Date: 7-18-13

7-18-13 JB

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
SOURCE: FB Incinerator
DATE CREATED: 07/18/2013 @ 06:59
PERIOD: 04/01/13 - 06/30/13

EXCESS EMISSION PERIODS: LOW OVERALL DP >15-MIN ("WC)

DATE	START TIME	END TIME	#MIN LONG	AVG VALUE	HI/LO VALUE	SET-POINT	DIFF-ERENCE	CODE	EXPLANATION	CORRECTIVE ACTION
04/09/13	04:12	04:39	0028	0.7	0.1	8.0	7.3	04	SHUTDOWN	CORRECTIVE
04/16/13	17:02	20:19	0198	0.2	0.1	8.0	7.8	04	SHUTDOWN	CORRECTIVE
04/17/13	10:01	10:19	0019	0.0	0.0	8.0	8	04	SHUTDOWN	CORRECTIVE
04/22/13	08:29	08:49	0021	0.0	0.0	8.0	8	04	SHUTDOWN	CORRECTIVE
04/25/13	11:41	12:04	0024	0.6	0.5	8.0	7.4	04	SHUTDOWN	CORRECTIVE
04/30/13	08:31	08:49	0019	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
05/06/13	07:01	07:19	0019	0.0	0.0	8.0	8	04	SHUTDOWN	CORRECTIVE
05/13/13	07:18	07:34	0017	0.3	0.2	8.0	7.7	04	SHUTDOWN	CORRECTIVE
06/13/13	06:53	07:10	0018	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/17/13	07:37	08:00	0024	1.6	0.1	8.0	6.4	04	SHUTDOWN	CORRECTIVE
06/17/13	18:48	23:59	0312	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/18/13	00:00	08:45	0526	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/19/13	07:44	08:09	0026	0.1	0.0	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/20/13	07:25	07:52	0028	2.0	0.1	8.0	6	04	SHUTDOWN	CORRECTIVE
06/20/13	18:21	18:39	0019	0.0	0.1	8.0	8	04	SHUTDOWN	CORRECTIVE
06/24/13	09:28	09:54	0027	0.5	0.5	8.0	7.5	04	SHUTDOWN	CORRECTIVE
06/24/13	13:47	14:09	0023	0.1	0.0	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/27/13	07:06	07:21	0016	0.1	0.1	8.0	7.9	04	SHUTDOWN	CORRECTIVE
06/28/13	12:20	12:36	0017	0.3	0.3	8.0	7.7	04	SHUTDOWN	CORRECTIVE
06/30/13	13:48	14:06	0019	3.0	0.4	8.0	5	04	SHUTDOWN	CORRECTIVE

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 07/18/2013 @ 06:59
PERIOD: 04/01/13 - 06/30/13
SOURCE: FB Incinerator

CMS DOWNTIME: OVERALL DP

DATE	HOUR	DURATION	CODE	EXPLANATION
				No Data Available

Environmental

Test Report – CEMS Cylinder Gas & Opacity Audit Second Quarter 2013

CEMS/COMS Monitoring the Fluidized Bed Incinerator
Borough of Naugatuck
Naugatuck, CT

PREPARED FOR: Veolia Water
500 Cherry Street
Naugatuck, Connecticut 06770

CONCERNING: Cylinder Gas Audit (CGA) and Opacity Audit
Fluidized Bed Incinerator
500 Cherry Street
Naugatuck, Connecticut 06770

PREPARED BY: CK Environmental, Inc.
1020 Turnpike Street, Suite # 8
Canton, MA 02021

CK Project No. 3763

July 15, 2013

CK Environmental, Inc.
1020 Turnpike St., Suite 8
Canton, MA 02021 USA
Toll-free: 888-CKE-0303
International: 781-828-5200
Fax: 781-828-5380
www.ckenvironmental.com

Environmental

REPORT REVIEW CERTIFICATION

I, the undersigned, hereby certify that I have personally reviewed this report and to the best of my knowledge all information and calculations contained herein are true, accurate, and complete.

Prepared by: Ryan Warren

Ryan Warren/ Engineer

Reviewed by:

Michael Kelley / Project Manager

Environmental

1.0 INTRODUCTION

1.1 Summary of Test Program

CK Environmental, Inc. (CK) was contracted by Veolia Water North America to conduct a cylinder gas audit (CGA) and an opacity audit on the Continuous Emissions Monitoring System (CEMS) which monitors the emissions at the Fluidized Bed Incinerator located in Naugatuck, Connecticut. The CEMS/COMS monitor the emissions of oxygen, carbon monoxide and opacity from the incinerator operated at this facility. Auditing of the COMS was conducted on June 21, 2013 and the CGA audit was conducted on July 1, 2013.

The purpose of this test program was to demonstrate that the accuracy of the CEMS/COMS operated at this facility and to ensure that it met the acceptance criteria for relative accuracy (RA) as required by the Code of Federal Regulations, Title 40 - Part 60, Appendix F, Section 5.0. The opacity audit was performed to satisfy the quarterly Performance Specification 1, Section 7.0.

A brief description of the facility is contained in Section 2.0. Section 3.0 of this test report summarizes the results of this testing program. Section 4.0 describes the test methods and procedures used. The CK quality assurance procedures are detailed in Section 5.0. Test field data sheets have been included in Appendix A. Facility CEMS and process data printouts are presented in Appendix B. All relevant calibration documentation has been provided in Appendix C.

1.2 Key Personnel

The test program was coordinated by John Batorski. Mr. Michael Unterweger of CK is the project manager for this effort. Mr. Jimmy Ho was responsible for all on-site audit activities. Contact information for key personnel can be found in Table 1-1 below.

Table 1-1
Key Personnel

Contact	Company	Telephone No.
John Batorski	Veolia Water	203-723-1433
Michael Unterweger	CK Environmental, Inc.	781-828-5200

Environmental

2.0 PLANT AND SAMPLING SYSTEM DESCRIPTION

2.1 Process Description and Operation

Veolia Water North America Northeast, LLC operates the Borough of Naugatuck POTW which incinerates approximately 80 dry tons of municipal sludge per day and processes nonhazardous industrial waste water. A fluidized bed incinerator (FBI) is used to incinerate sludge. The POTW also houses settling tanks, aeration tanks, thickening tanks, holding tanks, and sludge belt filter presses.

The Zimpro fluidized bed incinerator has a sludge design feed rate of 3.5 DT/hr. Sludge is fed to the bottom of the sand bed where air is injected at high pressure under the bed, fluidizing the sand and the sludge. Processing of sludge within the sand bed consists of evaporation of water and pyrolysis of organic material. The remaining carbon and combustible gases are burned in the freeboard area above the sand bed. Oil lances are located within the sand bed in order to deliver auxiliary fuel to maintain the desired combustion temperature if necessary. All ash generated in the combustion chamber leaves the top of the incinerator.

After the flue gas passes through the waste heat recovery unit, particulate is removed by a combined venturi and impingement tray scrubber system, and wet electrostatic precipitators (WESP). The venturi section consists of a narrow, adjustable throat, which increases gas velocity, turbulence and contact with added water, in order to collect ash particles and acid gases. The impingement tray scrubber provides cool plant effluent, which removes additional particulate and acid gases. There are two identical WESPs located in parallel of which only one operates at any given time.

2.2 Continuous Emission Monitoring System

The continuous emissions/continuous opacity monitoring system is designed to meet the requirements of 40 CFR, §60.13, §60.150 and 40 CFR, Part 503, Subpart E, §503.40., and 40 CFR, Part 60, Appendix B, PS 1. The extractive CEMS transport sample gas from the stack mounted sample probe via heated lines and sample conditioning system to the analyzers for continuous monitoring of gaseous pollutants. Effluent concentrations of carbon monoxide (CO) and oxygen (O2) are measured by the CEM system. In addition, the system monitors opacity at the outlet stack of the FBI.

The CEM sampling system is full dry extractive design. The system extracts a sample from the gas stream through a primary filter located at the sample probe, and transports it from the sampling location to the CEMS analysis enclosure in a heated sample line. The sample lines and filter are maintained at 250 °F to prevent the sample from condensing during transportation to the sample conditioning system. The heated line terminates at a thermo-electric condenser where moisture is removed from the sample gas stream. Dry sample gas exiting the condenser passes through a second particulate filter, the single head heated sample pump, and a backpressure regulator prior to distribution to the analyzers via separate flow controlling rotometers. The sample probe located on the exhaust stack is of sufficient length to reach the center sampling point of the stack.

The moisture removal systems continuously remove moisture from the sample gas while maintaining minimal contact between the condensate and the sample gas. The M&C Tech Group Model ECS

Environmental

thermoelectric gas sample chiller contains two (2) glass heat exchangers that are continuously drained of condensate by a dual head peristaltic pump. Temperature of the chiller is regulated and set to maintain a temperature of 40 °F.

A single head - heated, diaphragm pump is used to transport the gas sample through the system to the analyzers. This pump is manufactured by Air Dimensions and all parts coming into contact with the sample gas stream are Teflon, Kynar or stainless steel.

The COM system monitors the opacity emissions present in the exit gas of the FBI stack. The COMS utilizes a Land Combustion, Model 4500 Mark II, opacity monitor. This monitor is a microprocessor based system and operates in a dual pass mode in the visible light spectrum. Data collection and daily calibration error checks are performed by the data acquisition handling system (DAHS).

Table 2-1
CEMS Specifications

Parameter	Manufacturer	Model	Serial No.	Range
O2, Dry	Siemens	Oxymat 6E	7MB20211 EAOOOAA 1	0-25%
CO	Thermo Environmental	48C	480-74304-376	0-300 ppmvd
Opacity	Land	4500 Mark II	0095478	0-100%

A Contec Data Acquisition Handling System (DAHS) uses an Allen Bradley programmable logic controller (PLC), an Ethernet data highway, a Dell computer, and Windows XP operating system. The system is designed to meet 40 CFR §60.13, 40 CFR 60, Subpart 0, section §60.155, 40 CFR, Part 503, Subpart E, sections §503.41 (f), (h) and CTDEP requirements as provided in the Facilities Title V permit.

The Allen Bradley SLC 505 PLC is the foundation of the data collection, data averaging, alarm, and warning functions. These functions are performed in standard ladder logic. Additionally, the PLC is responsible for daily calibration error checking, short-term data storage, and communications over an Ethernet module to the DAHS computer.

The Contec Data Acquisition Handling System software is configured to display pollutants in units of concentration and in units of emissions. The DAHS also collect process data for Subpart "0" reporting requirements. Data is provided on the display screens as 1 minute averages, 6 min averages (opacity only), 1-hour averages, and 24-hour averages. The system performs standard reporting functions including minute, hourly, daily, and monthly reports, daily calibration and system downtime summaries, and source and analyzer downtime reports. Additionally, the Contec software provides the CEMS data in a graphics mode as trend panels, bar graphs, and strip chart displays. The graphic displays show the CEMS data as real-time or as historical trends. The system also displays and record process data as 1-minute, 1-hour, and 24-hour averages.

Environmental

3.0 SUMMARY OF RESULTS

3.1 Objectives

The purpose of this test program was to demonstrate that the accuracy of the CEMS/COMS operated at this facility and to ensure that it met the acceptance criteria for relative accuracy (RA) as required by the Code of Federal Regulations, Title 40 - Part 60, Appendix F, Section 5.0. The opacity audit was performed to satisfy the quarterly Performance Specification 1, Section 7.0. The testing satisfies the requirements set forth in the facility's Title V permit (Permit No 109-0059-TV).

3.2 Field Test Changes

The CGA was done on July 1st due to a scheduling conflict.

3.3 Presentation of Results

A CGA was conducted on the outlet CEMS installed on the incinerator operated at this facility to document the CEMS RA for the second quarter 2013. The CEMS oxygen and carbon monoxide CGA was conducted on July 1, 2013. The opacity audits were conducted on June 21, 2013.

The CGA was conducted in accordance with the test procedures and acceptance criteria of 40 CFR 60, Appendix B. All pollutant and diluent gas monitors were each challenged three times with two different calibration standards, a low-audit point and a mid-audit point. The concentrations of audit gases conformed to range specifications defined in 40 CFR 60, Appendix A. The responses of the monitors to the gas standards were recorded by the facility data acquisition and handling system (DAHS) as one-minute averages. The RA of each monitor was determined for each standard as the difference between the average response to the standard, and as a percentage of the standard concentration. The protocol calibration gases were directed into the same location that the gases are sent into for the daily calibrations.

The opacity audit was performed by alternately passing three filters of differing optical density (≈ 10%, 20% and 35%) in to the opacity monitor. The results of the audit were calculated using the average response of the monitor over the passes of the filters. The outcome of the opacity audit is based on the results of five passes of the filters.

Table 3-1 summarizes the test results for each of the parameters of the CEMS. All monitors were able to demonstrate compliance with the acceptance criteria of 40 CFR Part 60, Appendix B of less than or equal to 15 percent of each audit gas standard concentration during the CGA. Table 3-2 summarizes the COMS test results with criteria found in Performance Specification 1 with the opacity monitor reading with less than 3 % difference from the corrected filter value.

Environmental

4.0 SAMPLING AND ANALYTICAL PROCEDURES

4.1 Cylinder Gas Audit Procedure

The CGAs were conducted in accordance with the test procedures and acceptance criteria of 40 CFR 60, Appendix F. All pollutant and diluent gas monitors were each challenged three times with two different calibration standards, a low audit point and a mid-audit point. The responses of the monitors to the gas standards were recorded by the facility data acquisition and handling system (DAHS). The RA of each monitor was determined for each standard as the difference between the average response to the standard and the standard concentration as an absolute difference, and as a percentage of the standard concentration.

4.2 Opacity Audit Procedure

The opacity audit was performed by alternately passing three filters of different known opacity values (10.09, 20.13, and 32.98) in to the opacity monitor. The results of the audit were calculated using the average response of the monitor over the passes of the filters. The outcome of the opacity audit is based on the results of five passes of the filters.

Environmental

5.0 QUALITY ASSURANCE PROCEDURES

CK's emission test teams are committed to providing high quality source emissions measurement services. To meet this commitment, CK follows appropriate US EPA sampling procedures and implements appropriate quality assurance/quality control (QA/QC) procedures with all test programs. These procedures ensure that all sampling is performed by competent, trained individuals and that all equipment used is operational and properly calibrated before and after use. Records of all CK equipment calibrations are maintained in CK's files.

The CK quality assurance program generally follows the guidelines of the US EPA *Quality Assurance Handbook for Air Pollution Measurement Systems, Volume III - Stationary Source-Specific Methods* (EPA/600/R-94/038c - September 1994) as well as CK's in house Quality Manual.

5.1 Sampling

Compressed gases used as audit standards are always US EPA Traceability Protocol certified calibration gas standards, certified in accordance with Procedure No. G1 with an analytical accuracy of +/- 1 percent. The Certificates of Analysis for the gas standards used during the performance of the CGA were available on site and are presented in Appendix C.

All opacity filters are calibrated and certified by Environmental Monitor Service, Inc. Each filter is assigned a serial number and calibrated on an annual basis. All calibration certificates can be found in Appendix C.

5.2 Reporting

All reports undergo a tiered review. The first review of the report and calculations are made by the report's author. A second review is then performed by another Project Engineer/Scientist. The review process is verified by the signed Report Review Certification which has been included as part of this test report.

Environmental

Table 2.2 Summary of Results
Cylinder Gas Audit
FB Incinerator
Veolia Water NA - Naugatuck, CT
Naugatuck, Connecticut
2nd Qtr - 2013

CEMS	Test Date	Monitor	Span / Units	Cylinder Gas Audit				
				Standard Conc.	Average Response	Error (% of std.conc.)	Error (abs. diff.)	CGA Criteria
Oxygen	07/01/13	Siemans	0-25%	5.46	5.40	1.10	0.06	15.0% or 0.5% O_2
				10.00	10.00	0.00	0.00	15.0% or 0.5% O_2
Carbon Monoxide	07/01/13	TECO	0-300 ppm	73.40	72.30	1.50	1.10	15.0% or 5 ppm
				169.10	164.00	3.02	5.10	15.0% or 5 ppm

Table 2.3 Summary of Results

OPACITY AUDIT CALCULATION SHEET

CK Environmental

CLIENT: Veolia Water NA - Naugatuck, CT
SOURCE: FB Incinerator

DATE: 6/21/13
AUDITOR: Mike Kelley

Run #	Zero	Low	Mid	High
1	0.00	7.26	15.32	25.47
2	-0.01	7.23	15.20	25.47
3	-0.02	7.13	15.32	25.53
4	-0.02	7.22	15.35	25.51
5	-0.02	7.19	15.22	25.54
6 Min Avg	0.00	7.19	15.37	25.56

	Actual Filter Values		Corrected Filter Values (2)
PATH LENGTH CORRECTION FACTOR (PLCF) =	0.714	-	N/A
LOW CALIBRATION FILTER VALUE =	10.09	-	7.31
MID CALIBRATION FILTER VALUE =	20.13	-	14.83
HIGH CALIBRATION FILTER VALUE =	32.98	-	24.85

N	Low	Value	Delta L	Del L^2
1	7.3	7.3	0.4	0.1
2	7.2	7.3	-0.1	0.0
3	7.1	7.3	-0.2	0.0
4	7.2	7.3	-0.1	0.0
5	7.2	7.3	-0.1	0.0
Sum =			-0.1	0.2
A = Sum (Delta L) ^ 2 =			0.0	
B = Sum (Delta L ^ 2) =			0.2	
N =			5.0	
(N * B) - A =			1.0	

Mean Error (ME) = (Sum Delta L / N)

ME = **0.0**

Confidence Interval (CI) = SQRT((N*B)-A)*0.2776

CI = **0.3**

Calibration Error = ABS (ME) + CI

Calibration Error (1) = **0.3**

6 Minute Average Mean Error = **-0.1**

N	Mid	Value	Delta L	Del L^2
1	15.3	14.8	0.5	0.2
2	15.2	14.8	0.4	0.1
3	15.3	14.8	0.5	0.2
4	15.4	14.8	0.5	0.3
5	15.2	14.8	0.4	0.2
Sum =			2.3	1.1
A = Sum (Delta L) ^ 2 =			5.2	
B = Sum (Delta L ^ 2) =			1.1	
N =			5.0	
(N * B) - A =			0.1	

Mean Error (ME) = (Sum Delta L / N)

ME = **0.5**

Confidence Interval (CI) = SQRT((N*B)-A)*0.2776

CI = **0.1**

Calibration Error = ABS (ME) + CI

Calibration Error(1) = **0.5**

6 Minute Average Mean Error = **0.5**

N	High	Value	Delta L	Del L^2
1	25.5	24.9	0.6	0.4
2	25.5	24.9	0.6	0.4
3	25.5	24.9	0.7	0.5
4	25.5	24.9	0.7	0.4
5	25.5	24.9	0.7	0.5
Sum =			3.3	2.1
A = Sum (Delta L) ^ 2 =			10.6	
B = Sum (Delta L ^ 2) =			2.1	
N =			5.0	
(N * B) - A =			0.0	

Mean Error (ME) = (Sum Delta L / N)

ME = **0.7**

Confidence Interval(CI)=SQRT((N*B)-A)*0.2776

CI = **0.0**

Calibration Error = ABS (ME) + CI

Calibration Error (1) = **0.7**

6 Minute Average Mean Error = **0.7**

(1) - Corrected Filter Value = 1-(1-Actual Filter Value)^{PLCF}

where the actual filter value = (Labeled % opacity / 100)

* * * Communication Result Report (Jul. 17. 2013 10:32AM) * * * P. 99

1) Veolia Water-NET LLC
2)

Date/Time: Jul. 17. 2013 10:32AM

File No.	Mode	Destination	Pg(s)	Result	Page Not Sent
1287	Memory TX	18604244067	P. 2	OK	

Reason for error
E. 1) Hang up or line fail
E. 2) Busy
E. 3) No answer
E. 4) No facsimile connection
E. 5) Exceeded max. E-mail size
E. 6) Destination does not support IP-Fax

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATER BUREAU

LOSS OF EQUIPMENT/TANKAGE FORM

City or Town: Naugatuck WPCF Date: 7 / 17 / 13

Loss of equipment/tankage: Aeration tanks #1, #2 and #3

How long will it be before permanent repairs are completed? ~ 2 weeks (install replacement diffusers)

How many and what kind of back up units or storage do you have? Have will use tanks #4, #5 and C (which are in service)

Discovered date: 7 / 17 / 13

Will this affect quality of Effluent: ☐ Yes ☒ No ☐ Don't Know
possible nitrogen issues, TSS & BOD should have no issues

Contact DEP within two hours by phone during normal business hours and file this report within five days.

DATE/ TIME REPORT LOG

Kelly 860-424-3742 (left Ilana voicemail message)

7/17/13, 10:23AM left message — CT DEP - Ilana Ayala (860) 424-3758 If Ilana Ayala is not available, you must call Municipal Facilities Section during normal business hours at:

7/17/13, 10:24AM Tim Rigby — CT DEP (860) 424-3704 DO NOT LEAVE VOICE MAIL MESSAGES

_____ Name of person contacted

____ Fax Report to CT DEP, Ilana Ayala (860) 424-4067 Kelly/CHH

Report Submitted by: John Batoski Title: Plant Manager

Signature: John Batoski Phone #: 203-723-1433, ext. 2015

Submit Completed Report to: State of Connecticut
Department of Environmental Protection
Water Bureau -- Attention: Ilana Ayala
79 Elm Street
Hartford, CT 06106-5127

1/09

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATER BUREAU

LOSS OF EQUIPMENT/TANKAGE FORM

City or Town: Naugatuck WPCF Date: 7 / 17 / 13

Loss of equipment/tankage: Aeration tanks, #1, #2 and #3

How long will it be before permanent repairs are complete? ~ 2 weeks (install replacement diffusers)

How many and what kind of back up units or storage do you have? None - will use tanks #4, #5 and #6 (which are in service)

Discovered date: 7 / 17 / 13

Will this affect quality of Effluent: ☐ Yes ☒ No ☐ Don't Know

possibly nitrogen removal, TSS & BOD should have no issues.

Contact DEP within two hours by phone during normal business hours and file this report within five days.

DATE/ TIME **REPORT LOG**

Kathy 860-424-3342 (per Iliana voicemail message)

7/17/13, 10:23 AM left message — CT DEP - Iliana Ayala (860) 424-3758 If Iliana Ayala is not available, you **must** call Municipal Facilities Section during normal business hours at:

7/17/13, 10:24 AM Joe Higgins — CT DEP (860) 424-3704 DO NOT LEAVE VOICE MAIL MESSAGES

_____ Name of person contacted

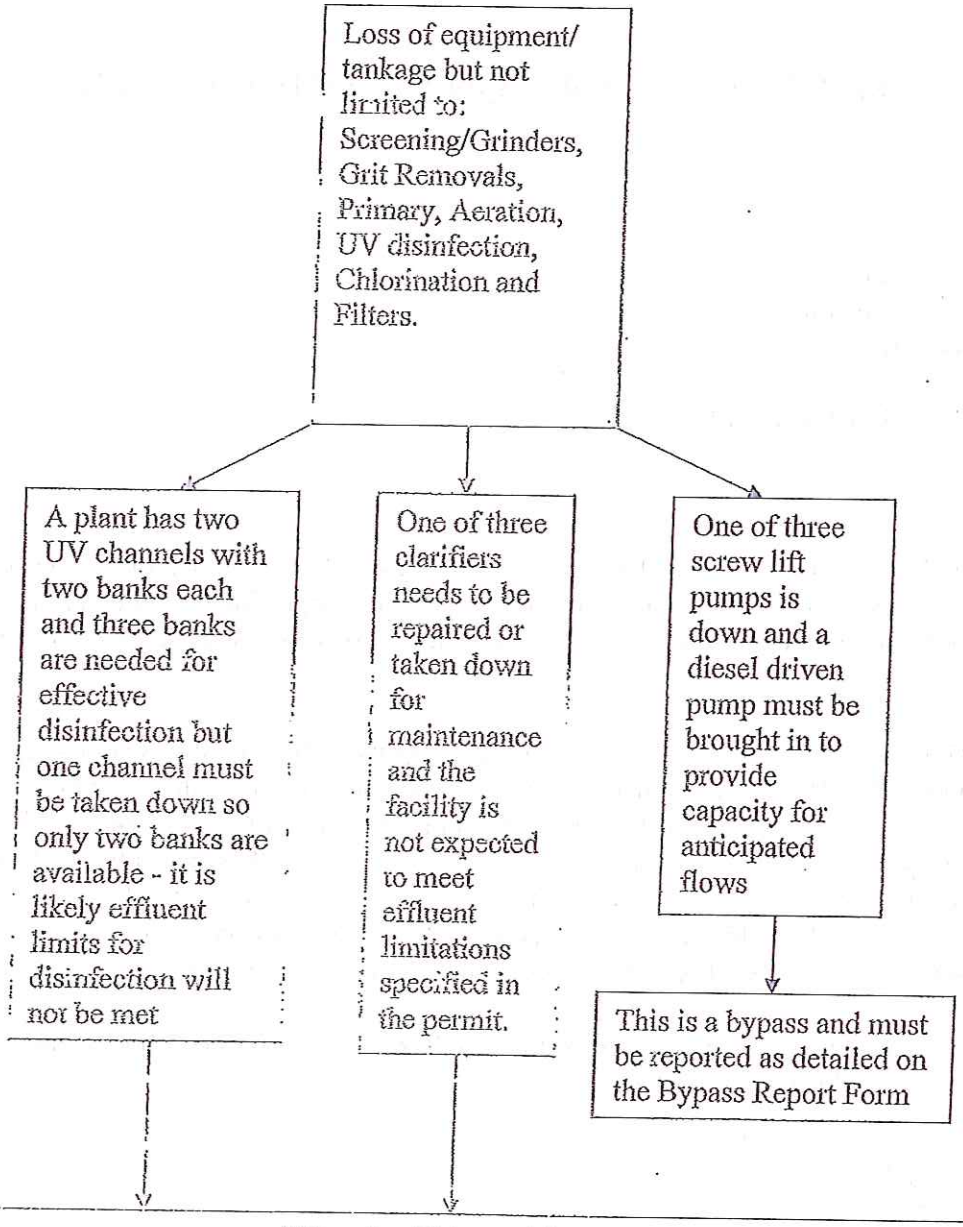
_____ Fax Report to CT DEP, Iliana Ayala (860) 424-4067, Kathy CHU

Report Submitted by: John Batorski Title: Plant Manager

Signature: [signature] Phone #: 203-723-1433, ext. 2015

Submit Completed Report to: State of Connecticut
Department of Environmental Protection
Water Bureau – Attention: Iliana Ayala
79 Elm Street
Hartford, CT 06106-5127

Loss of Equipment/Tankage Form



Who should be notified?

Under Section 22a-430-3 of the Regulations of Connecticut State Agencies ("RCSA"), the permittee shall, within two hours of becoming aware of such condition need to notify to Iliana Ayala (860) 424-3758 during normal business hours (8 am to 4 pm) and submit within five days the report form by fax or by mail

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

NOTICE OF VIOLATION CLOSURE LETTER

John Batorski
Plant Manager
Veolia Water North America
500 Cherry Street Extension
Naugatuck, CT 06770

RE: Notice of Violation No. 17013

Dear John Batorski:

This letter acknowledges receipt by the Department of Energy and Environmental Protection's Air Management Bureau of the certified compliance statement with supporting documentation submitted by Veolia Water North America on 12/6/2012 & 3/26/2013 in response to the above-referenced Notice of Violation.

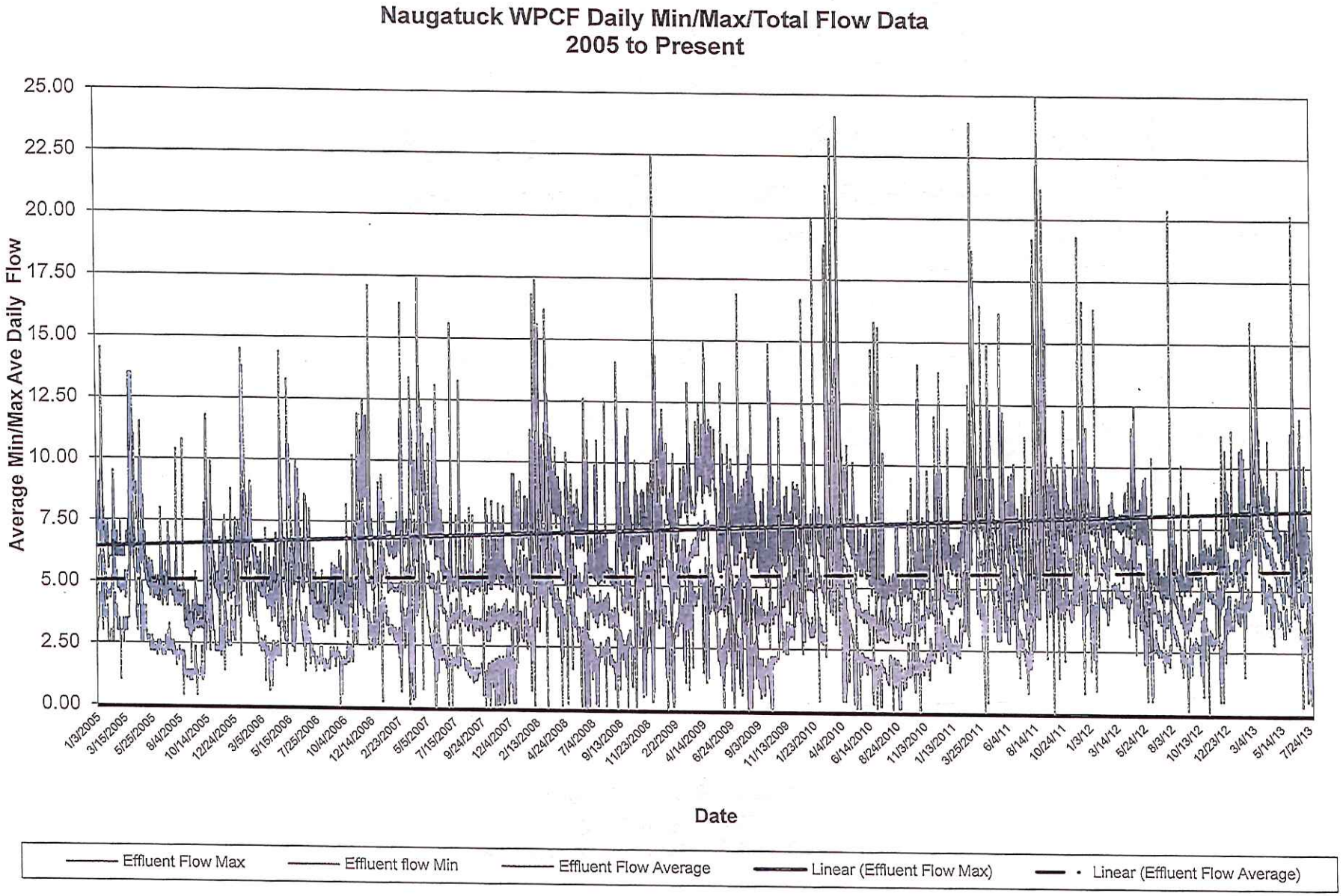
Staff of the Air Bureau has completed its review of the compliance statement and supporting documentation. On 6/18/2013, a compliance inspection appeared to confirm the materials submitted pursuant to the compliance statement. Based upon the representations made in your submittal and the Department's subsequent site inspection, it has been decided that no further action by the Department will be taken at this time regarding the violation(s) cited in the Notice. However, if the Department learns that the violation(s) alleged in said Notice have not been fully resolved as represented, or if other violations exist not addressed in said Notice, the Department may take formal enforcement action.

Please do not hesitate to contact Seng Phouthakoun at (860) 424-3702 should you have any questions or comments with regard to this correspondence.

Sincerely,

Robert W. Girard
Assistant Director
Bureau of Air Management
Engineering and Enforcement Division
Department of Energy and Environmental Protection

7/5/13
Date


Naugatuck WPCF Daily Min/Max/Total Flow Data
2005 to Present
Average Min/Max Ave Daily Flow
25.00
22.50
20.00
17.50
15.00
12.50
10.00
7.50
5.00
2.50
0.00
1/3/2005
3/15/2005
5/25/2005
8/4/2005
10/14/2005
12/24/2005
3/5/2006
5/15/2006
7/25/2006
10/4/2006
12/14/2006
2/23/2007
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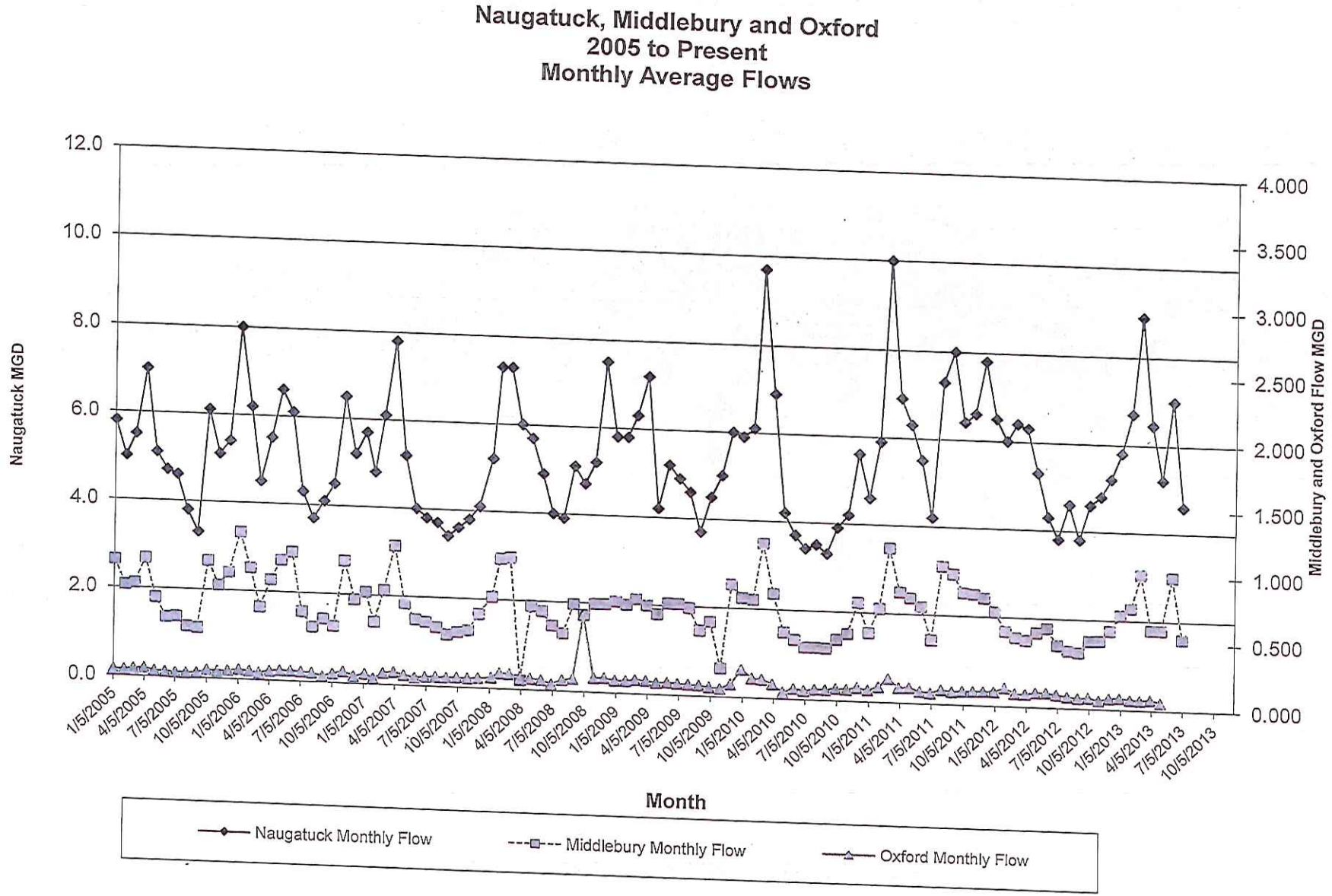
1/3/12
3/14/12
5/24/12
8/3/12
10/13/12
12/23/12
3/4/13
5/14/13
7/24/13
Date
Effluent Flow Max
Effluent flow Min
Effluent Flow Average
Linear (Effluent Flow Max)
Linear (Effluent Flow Average)


Naugatuck, Middlebury and Oxford
2005 to Present
Monthly Average Flows
Naugatuck MGD
Middlebury and Oxford Flow MGD
12.0
10.0
8.0
6.0
4.0
2.0
0.0
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
1/5/2005
4/5/2005
7/5/2005
10/5/2005
1/5/2006
4/5/2006
7/5/2006
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1/5/2007
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10/5/2011
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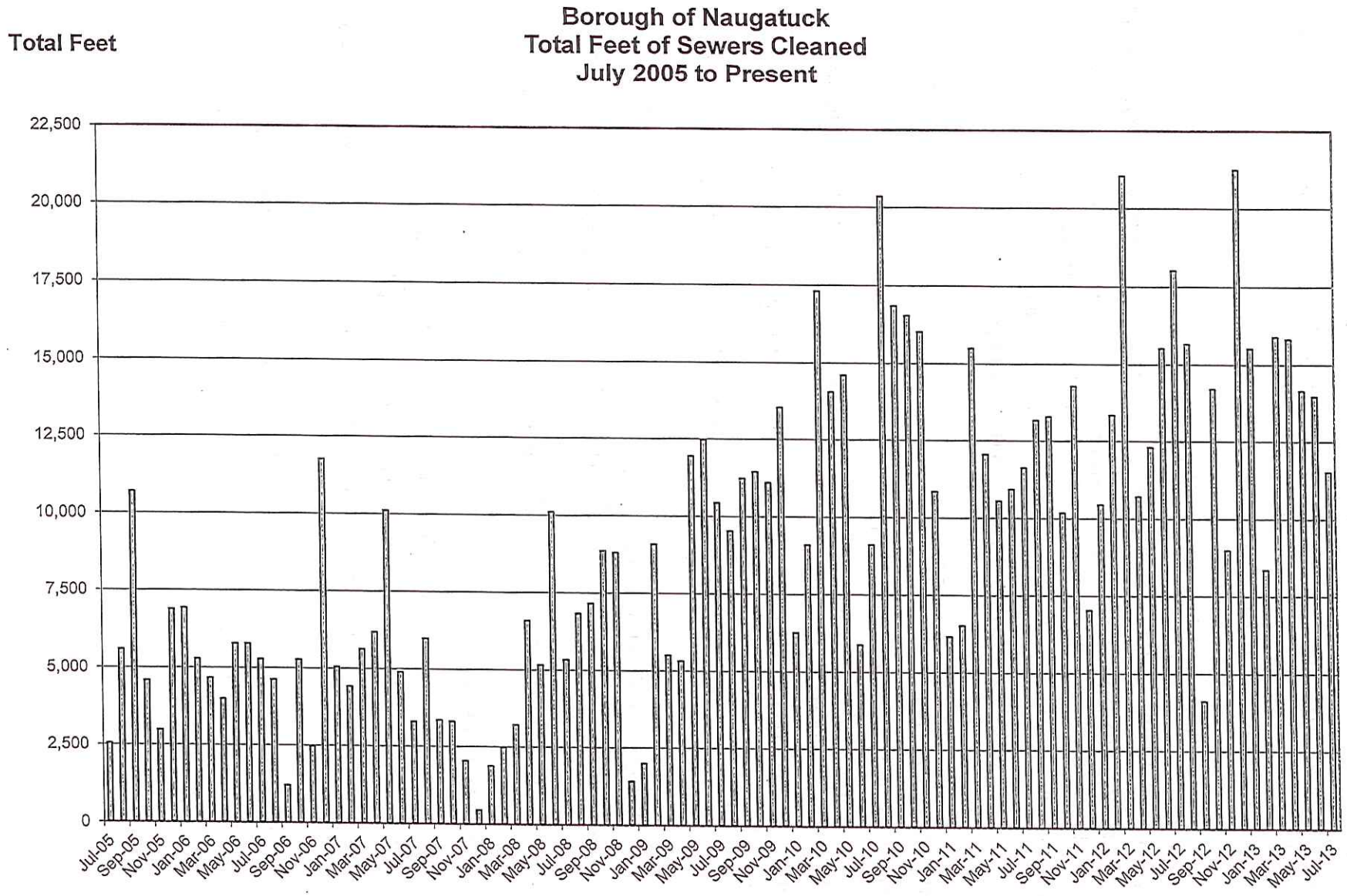
4/5/2013
7/5/2013
10/5/2013
Month
Naugatuck Monthly Flow
Middlebury Monthly Flow
Oxford Monthly Flow


Borough of Naugatuck
Total Feet of Sewers Cleaned
July 2005 to Present
Total Feet
22,500
20,000
17,500
15,000
12,500
10,000
7,500
5,000
2,500
0
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
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Jan-13
Mar-13
May-13
Jul-13

ODOR COMPLAINT REPORT

CALLER INFORMATION: DATE: 7/30/13 TIME: 5:14 pm

CALL TAKEN BY: Odor hotline

NAME OF COMPLAINTANT: Jennifer Merrill PHONE NUMBER: 203-206-0467

ADDRESS/LOCATION WHERE ODOR IS BEING DETECTED:

63 Meadow Brook Place

STRENGTH OF ODOR: FAINT ___ NOTICABLE ___ DEFINITE ___ STRONG ✓ OVERWHELMING ___

DESCRIPTION OF ODOR: AMMONIA ___ CABBAGE ___ FECAL ___ FISHY ___ GARLIC ___ MEDICINAL ___ ROTTEN EGGS ___ SKUNKY ___ SOLVENT/FUEL ___ OTHER ___

DOES THE CALLER WANT A FOLLOW-UP CALL? YES ___ NO ___

DON'T FORGET TO THANK THE CALLER FOR THEIR CONCERN!!

ODOR INVESTIGATION:

(FROM CONTROL ROOM WEATHER STATION)

WIND DIRECTION: W WIND SPEED: 2 WEATHER: TEMP 78°F RAIN — HUMID — DRY — UNSEASONABLY WARM/COLD —

COMPLETE PLANT SURVEY LISTING POSSIBLE SOURCES OF ODORS CONTRIBUTING TO THE COMPLAINT:

No cake trucks unloading – no plant odors, all odor equip operational, no unusual operations

ODOR CONTROL EQUIPMENT STATUS:

PRIMARY SCRUBBER: ON ✓ OFF ___ PH 8.7 ORP 878 MAKE UP WATER: 0.5-1 GPM OK SPRAYS good

FILTER BLDG SCRUBBER: ON ✓ OFF ___ PH 8.9 ORP 832 MAKE UP WATER: 1-3 GPM ✓ SPRAYS ok

PERMANGANATE FEEDERS:

AERATION: ON ✓ OFF ___ VERIFIED OPERATIONAL: (YES) ___ NO ___

SLUDGE STORAGE: ON ✓ OFF ___ VERIFIED OPERATIONAL: (YES) ___ NO ___

ODOR COUNTERACTANT SYSTEM: (ON) ___ OFF ___ VERIFIED OPERATIONAL: (YES) ___ SPRAYS all on

COMPLAINT REVIEWED BY: John Batorski DATE: 7-31-13 TIME: 7:30 AM

RETURN CALL MADE BY: NO RETURN CALL — DATE: ___ TIME: ___

RETURN CALL RESULTS:

WeatherLink 6.0.0 07/31/13 7:15a: Naugy Weather - [Browse Records]

File Setup Reports Browse Window Help

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In De
7/30/13	3:30p	77.9	77.9	77.8	58	61.9	7.0	W	0.58	12.0	W	77.9	78.6	78.6	30.158	0.00	0.00	0.000	0.045	73.4	67	61.
7/30/13	3:35p	78.2	78.2	77.9	58	62.2	4.0	W	0.33	6.0	W	78.2	79.0	79.0	30.156	0.00	0.00	0.000	0.046	73.6	71	63.
7/30/13	3:40p	78.3	78.4	78.2	57	61.8	6.0	W	0.50	11.0	W	78.3	79.0	79.0	30.157	0.00	0.00	0.000	0.046	73.8	67	62.
7/30/13	3:45p	78.0	78.3	78.0	56	61.0	7.0	W	0.58	13.0	W	78.0	78.6	78.6	30.160	0.00	0.00	0.000	0.045	73.6	64	60.
7/30/13	3:50p	77.9	78.0	77.9	56	60.9	6.0	W	0.50	11.0	W	77.9	78.5	78.5	30.158	0.00	0.00	0.000	0.045	73.4	63	60.
7/30/13	3:55p	77.8	77.9	77.7	59	62.3	6.0	WSW	0.50	13.0	W	77.8	78.6	78.6	30.159	0.00	0.00	0.000	0.044	73.3	68	62.
7/30/13	4:00p	77.8	77.9	77.8	57	61.3	5.0	WSW	0.42	10.0	WSW	77.8	78.4	78.4	30.158	0.00	0.00	0.000	0.044	73.3	71	63.
7/30/13	4:05p	77.7	77.8	77.7	58	61.7	6.0	W	0.50	11.0	W	77.7	78.4	78.4	30.156	0.00	0.00	0.000	0.044	73.4	66	61.
7/30/13	4:10p	77.6	77.7	77.6	59	62.1	6.0	W	0.50	11.0	W	77.6	78.4	78.4	30.159	0.00	0.00	0.000	0.044	73.3	64	60.
7/30/13	4:15p	77.8	77.8	77.6	60	62.8	4.0	W	0.33	10.0	W	77.8	78.7	78.7	30.157	0.00	0.00	0.000	0.044	73.1	63	59.
7/30/13	4:20p	77.5	77.9	77.5	60	62.5	8.0	W	0.67	13.0	W	77.0	78.4	77.9	30.158	0.00	0.00	0.000	0.043	72.9	68	61.
7/30/13	4:25p	76.8	77.4	76.8	61	62.3	5.0	W	0.42	10.0	W	76.8	77.7	77.7	30.158	0.00	0.00	0.000	0.041	73.1	71	63.
7/30/13	4:30p	76.6	76.7	76.6	62	62.6	4.0	W	0.33	7.0	W	76.6	77.6	77.6	30.155	0.00	0.00	0.000	0.040	73.3	67	61.
7/30/13	4:35p	76.9	76.9	76.6	60	62.0	5.0	W	0.42	10.0	W	76.9	77.7	77.7	30.157	0.00	0.00	0.000	0.041	73.1	64	60.
7/30/13	4:40p	77.1	77.1	76.9	62	63.1	6.0	W	0.50	10.0	W	77.1	78.1	78.1	30.156	0.00	0.00	0.000	0.042	72.9	63	59.
7/30/13	4:45p	77.5	77.5	77.1	59	62.0	6.0	W	0.50	9.0	W	77.5	78.3	78.3	30.155	0.00	0.00	0.000	0.043	72.7	68	61.
7/30/13	4:50p	77.5	77.5	77.5	58	61.6	7.0	W	0.58	12.0	W	77.5	78.2	78.2	30.157	0.00	0.00	0.000	0.043	73.1	71	63.
7/30/13	4:55p	77.5	77.5	77.4	61	63.0	4.0	W	0.33	9.0	W	77.5	78.4	78.4	30.155	0.00	0.00	0.000	0.043	73.1	67	61.
7/30/13	5:00p	77.6	77.6	77.5	61	63.1	3.0	W	0.25	9.0	W	77.6	78.6	78.6	30.155	0.00	0.00	0.000	0.044	73.1	64	60.
7/30/13	5:05p	78.0	78.0	77.6	60	63.0	2.0	W	0.17	6.0	W	78.0	78.9	78.9	30.155	0.00	0.00	0.000	0.045	72.9	64	60.
7/30/13	5:10p	78.2	78.2	78.0	60	63.2	3.0	W	0.25	8.0	W	78.2	79.1	79.1	30.154	0.00	0.00	0.000	0.046	72.9	70	62.
7/30/13	5:15p	78.2	78.2	78.1	61	63.6	2.0	W	0.17	6.0	W	78.2	79.2	79.2	30.155	0.00	0.00	0.000	0.046	73.3	69	62.
7/30/13	5:20p	78.2	78.2	78.1	60	63.2	5.0	W	0.42	9.0	W	78.2	79.1	79.1	30.153	0.00	0.00	0.000	0.046	73.4	65	60.
7/30/13	5:25p	78.8	78.8	78.2	59	63.3	2.0	W	0.17	5.0	W	78.8	79.8	79.8	30.153	0.00	0.00	0.000	0.048	73.4	63	60.
7/30/13	5:30p	79.1	79.1	78.8	60	64.0	2.0	W	0.17	7.0	W	79.1	80.2	80.2	30.153	0.00	0.00	0.000	0.049	73.4	69	62.
7/30/13	5:35p	79.0	79.2	79.0	59	63.4	4.0	W	0.33	9.0	W	79.0	80.0	80.0	30.152	0.00	0.00	0.000	0.049	73.8	69	63.
7/30/13	5:40p	78.8	79.0	78.7	60	63.7	2.0	W	0.17	5.0	W	78.8	79.9	79.9	30.154	0.00	0.00	0.000	0.048	74.0	64	61.
7/30/13	5:45p	79.0	79.0	78.7	59	63.4	1.0	W	0.08	5.0	W	79.0	80.0	80.0	30.155	0.00	0.00	0.000	0.049	73.8	62	60.
7/30/13	5:50p	79.4	79.4	79.0	60	64.3	1.0	W	0.08	4.0	W	79.4	80.6	80.6	30.158	0.00	0.00	0.000	0.050	73.8	68	62.
7/30/13	5:55p	79.1	79.5	79.1	58	63.1	3.0	WSW	0.25	7.0	W	79.1	80.0	80.0	30.159	0.00	0.00	0.000	0.049	74.2	69	63.
7/30/13	6:00p	79.2	79.2	79.1	57	62.7	2.0	WSW	0.17	6.0	WSW	79.2	80.0	80.0	30.160	0.00	0.00	0.000	0.049	74.2	64	61.
7/30/13	6:05p	79.6	79.6	79.2	58	63.5	1.0	WSW	0.08	3.0	WSW	79.6	80.6	80.6	30.163	0.00	0.00	0.000	0.051	74.0	61	59.
7/30/13	6:10p	80.2	80.2	79.6	57	63.6	2.0	WSW	0.17	6.0	WSW	80.2	81.2	81.2	30.169	0.00	0.00	0.000	0.053	73.4	61	59.
7/30/13	6:15p	79.7	80.2	79.7	57	63.1	3.0	WSW	0.25	5.0	WSW	79.7	80.6	80.6	30.169	0.00	0.00	0.000	0.051	73.3	68	62.
7/30/13	6:20p	79.6	79.6	79.5	57	63.0	2.0	WSW	0.17	4.0	WSW	79.6	80.5	80.5	30.170	0.00	0.00	0.000	0.051	73.6	67	62.
7/30/13	6:25p	79.8	79.8	79.6	58	63.7	2.0	WSW	0.17	5.0	WSW	79.8	80.8	80.8	30.170	0.00	0.00	0.000	0.051	73.4	63	60.
7/30/13	6:30p	79.7	79.8	79.7	58	63.6	2.0	WSW	0.17	5.0	WSW	79.7	80.7	80.7	30.173	0.00	0.00	0.000	0.051	73.1	61	58.
7/30/13	6:35p	79.2	79.7	79.2	59	63.6	2.0	WSW	0.17	6.0	WSW	79.2	80.2	80.2	30.172	0.00	0.00	0.000	0.049	73.1	69	62.
7/30/13	6:40p	78.5	79.2	78.5	60	63.5	2.0	WSW	0.17	5.0	WSW	78.5	79.5	79.5	30.170	0.00	0.00	0.000	0.047	73.4	68	62.
7/30/13	6:45p	78.0	78.4	78.0	61	63.5	2.0	WSW	0.17	4.0	WSW	78.0	79.0	79.0	30.173	0.00	0.00	0.000	0.045	73.4	63	60.
7/30/13	6:50p	77.7	78.0	77.7	62	63.6	2.0	WSW	0.17	5.0	WSW	77.7	78.8	78.8	30.174	0.00	0.00	0.000	0.044	73.1	61	58.
7/30/13	6:55p	77.4	77.7	77.4	63	63.8	0.0	---	0.00	0.0	---	77.4	78.5	78.5	30.174	0.00	0.00	0.000	0.043	72.9	66	60.
7/30/13	7:00p	76.6	77.3	76.6	65	64.0	0.0	WSW	0.00	2.0	WSW	76.6	77.9	77.9	30.178	0.00	0.00	0.000	0.040	73.3	70	62.
7/30/13	7:05p	76.5	76.6	76.5	65	63.9	0.0	WSW	0.00	2.0	WSW	76.5	77.8	77.8	30.180	0.00	0.00	0.000	0.040	73.3	65	60.
7/30/13	7:10p	76.4	76.5	76.4	65	63.8	0.0	WSW	0.00	2.0	WSW	76.4	77.6	77.6	30.179	0.00	0.00	0.000	0.040	73.3	62	59.
7/30/13	7:15p	75.9	76.4	75.9	66	63.7	0.0	WSW	0.00	2.0	WSW	75.9	77.2	77.2	30.180	0.00	0.00	0.000	0.038	73.1	64	60.
7/30/13	7:20p	75.5	75.9	75.5	69	64.6	0.0	---	0.00	0.0	---	75.5	77.1	77.1	30.183	0.00	0.00	0.000	0.036	73.3	69	62.
7/30/13	7:25p	74.8	75.5	74.8	69	63.9	0.0	WSW	0.00	1.0	WSW	74.8	76.4	76.4	30.181	0.00	0.00	0.000	0.034	73.4	67	61.
7/30/13	7:30p	74.3	74.8	74.3	71	64.3	0.0	---	0.00	0.0	---	74.3	76.0	76.0	30.185	0.00	0.00	0.000	0.032	73.4	63	60.

start | Inbox - john.bakarski... | Microsoft Word | Microsoft Excel | WeatherLink 6.0.0 D... | 7:15 AM

ODOR COMPLAINT REPORT

CALLER INFORMATION: DATE: July 5, 13 TIME: 8:48 pm

CALL TAKEN BY: Odor hotline

NAME OF COMPLAINTANT: Heather Robillard PHONE NUMBER: 203-836-06060

ADDRESS/LOCATION WHERE ODOR IS BEING DETECTED:

295 Cherry Street Naugatuck CT

STRENGTH OF ODOR: FAINT ___ NOTICABLE ___ DEFINITE ___ STRONG ✓ OVERWHELMING ___

DESCRIPTION OF ODOR: AMMONIA ___ CABBAGE ___ FECAL ___ FISHY ___ GARLIC ___ MEDICINAL ___ ROTTEN EGGS ___ SKUNKY ___ SOLVENT/FUEL ___ OTHER ___

DOES THE CALLER WANT A FOLLOW-UP CALL? YES ___ NO ___

DON'T FORGET TO THANK THE CALLER FOR THEIR CONCERN!!

ODOR INVESTIGATION:

(FROM CONTROL ROOM WEATHER STATION)

WIND DIRECTION: ESE WIND SPEED calm WEATHER: TEMP 81F RAIN 0 HUMID - DRY — UNSEASONABLY WARM/COLD yes - hot/humid

COMPLETE PLANT SURVEY LISTING POSSIBLE SOURCES OF ODORS CONTRIBUTING TO THE COMPLAINT:

All systems fully operational - Difficult to locate source, all doors closed odor systems functional, no local plant odors - suspect cake truck (one arrival ~ 830pm) - odors as it drove by

ODOR CONTROL EQUIPMENT STATUS:

PRIMARY SCRUBBER: ON ✓ OFF ___ PH 11.5 ORP 867 MAKE UP WATER: 0.5-1 GPM ✓
SPRAYS good

FILTER BLDG SCRUBBER: ON ✓ OFF ___ PH 8.97 ORP 815 MAKE UP WATER: 1-3 GPM ✓
SPRAYS good

PERMANGANATE FEEDERS:

AERATION: ON ✓ OFF ___ VERIFIED OPERATIONAL: YES ✓ NO ___

SLUDGE STORAGE: ON ✓ OFF ___ VERIFIED OPERATIONAL: YES ✓ NO ___

ODOR COUNTERACTANT SYSTEM: ON ✓ OFF ___ VERIFIED OPERATIONAL: YES ✓ SPRAYS all open.

COMPLAINT REVIEWED BY: John Batorski DATE: 7-8-13 TIME: ~7:45 AM

RETURN CALL MADE BY: ___ DATE: ___ TIME: ___

RETURN CALL RESULTS:

No return call.

Naugy Weather 7/05/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar	Rain	Rain Rate	Heat D-D	Cool D-D
7/05/13	5:05p	89.4	89.6	89.4	65	76.1	5.0	ESE	0.42	11.0	ESE	89.4	100.9	100.9	30.168	0.00	0.00	0.000	0.085
7/05/13	5:10p	88.9	89.3	88.9	67	76.5	5.0	ESE	0.42	9.0	ESE	88.9	100.4	100.4	30.168	0.00	0.00	0.000	0.083
7/05/13	5:15p	88.8	88.9	88.7	67	76.4	6.0	ESE	0.50	11.0	ESE	88.8	100.1	100.1	30.166	0.00	0.00	0.000	0.083
7/05/13	5:20p	88.6	88.7	88.6	68	76.7	5.0	ESE	0.42	9.0	ESE	88.6	100.0	100.0	30.166	0.00	0.00	0.000	0.082
7/05/13	5:25p	88.3	88.6	88.3	69	76.8	6.0	ESE	0.50	8.0	ESE	88.3	99.5	99.5	30.163	0.00	0.00	0.000	0.081
7/05/13	5:30p	88.2	88.3	88.1	70	77.2	5.0	ESE	0.42	9.0	ESE	88.2	99.7	99.7	30.161	0.00	0.00	0.000	0.081
7/05/13	5:35p	87.9	88.2	87.9	71	77.3	5.0	ESE	0.42	10.0	ESE	87.9	99.3	99.3	30.159	0.00	0.00	0.000	0.080
7/05/13	5:40p	87.8	87.9	87.8	72	77.6	3.0	ESE	0.25	6.0	ESE	87.8	99.6	99.6	30.158	0.00	0.00	0.000	0.079
7/05/13	5:45p	87.7	87.8	87.7	72	77.5	5.0	ESE	0.42	9.0	ESE	87.7	99.5	99.5	30.158	0.00	0.00	0.000	0.079
7/05/13	5:50p	87.4	87.7	87.4	73	77.7	6.0	ESE	0.50	12.0	ESE	87.4	99.4	99.4	30.157	0.00	0.00	0.000	0.078
7/05/13	5:55p	87.3	87.4	87.3	74	78.0	5.0	ESE	0.42	10.0	ESE	87.3	99.7	99.7	30.157	0.00	0.00	0.000	0.077
7/05/13	6:00p	87.0	87.3	87.0	74	77.7	6.0	ESE	0.50	12.0	ESE	87.0	99.2	99.2	30.159	0.00	0.00	0.000	0.076
7/05/13	6:05p	86.6	87.0	86.6	75	77.7	8.0	SE	0.67	14.0	ESE	86.5	98.6	98.5	30.160	0.00	0.00	0.000	0.075
7/05/13	6:10p	86.5	86.6	86.5	76	78.0	8.0	SE	0.67	14.0	ESE	86.4	98.7	98.6	30.157	0.00	0.00	0.000	0.075
7/05/13	6:15p	86.3	86.5	86.3	77	78.2	8.0	SE	0.67	15.0	ESE	86.1	98.6	98.4	30.159	0.00	0.00	0.000	0.074
7/05/13	6:20p	86.2	86.3	86.2	76	77.7	8.0	SE	0.67	14.0	ESE	86.0	97.9	97.7	30.158	0.00	0.00	0.000	0.074
7/05/13	6:25p	86.0	86.2	86.0	77	77.9	8.0	ESE	0.67	14.0	ESE	85.8	97.7	97.5	30.156	0.00	0.00	0.000	0.073
7/05/13	6:30p	86.0	86.1	86.0	77	77.9	6.0	ESE	0.50	10.0	ESE	86.0	97.7	97.7	30.156	0.00	0.00	0.000	0.073
7/05/13	6:35p	85.9	86.0	85.9	77	77.8	7.0	ESE	0.58	12.0	ESE	85.9	97.5	97.5	30.159	0.00	0.00	0.000	0.073
7/05/13	6:40p	85.7	85.9	85.7	77	77.7	7.0	ESE	0.58	12.0	ESE	85.7	97.0	97.0	30.156	0.00	0.00	0.000	0.072
7/05/13	6:45p	85.6	85.6	85.6	78	77.9	6.0	ESE	0.50	11.0	ESE	85.6	97.1	97.1	30.155	0.00	0.00	0.000	0.072
7/05/13	6:50p	85.4	85.6	85.4	77	77.4	8.0	ESE	0.67	13.0	ESE	85.2	96.3	96.1	30.154	0.00	0.00	0.000	0.071
7/05/13	6:55p	85.2	85.4	85.2	78	77.6	9.0	ESE	0.75	15.0	ESE	84.6	96.2	95.6	30.152	0.00	0.00	0.000	0.070
7/05/13	7:00p	85.0	85.2	85.0	78	77.4	8.0	ESE	0.67	13.0	ESE	84.8	95.7	95.5	30.151	0.00	0.00	0.000	0.069
7/05/13	7:05p	85.0	85.0	84.9	78	77.4	7.0	ESE	0.58	11.0	ESE	85.0	95.7	95.7	30.152	0.00	0.00	0.000	0.069
7/05/13	7:10p	84.8	85.0	84.8	78	77.2	7.0	ESE	0.58	11.0	ESE	84.8	95.3	95.3	30.151	0.00	0.00	0.000	0.069
7/05/13	7:15p	84.8	84.9	84.8	79	77.6	6.0	ESE	0.50	10.0	ESE	84.8	95.7	95.7	30.154	0.00	0.00	0.000	0.069
7/05/13	7:20p	84.5	84.8	84.5	79	77.3	5.0	ESE	0.42	9.0	ESE	84.5	95.1	95.1	30.152	0.00	0.00	0.000	0.068
7/05/13	7:25p	84.4	84.5	84.4	79	77.2	5.0	ESE	0.42	11.0	ESE	84.4	94.9	94.9	30.155	0.00	0.00	0.000	0.067
7/05/13	7:30p	84.3	84.4	84.3	79	77.1	4.0	ESE	0.33	10.0	ESE	84.3	94.7	94.7	30.154	0.00	0.00	0.000	0.067
7/05/13	7:35p	84.1	84.3	84.1	80	77.3	6.0	ESE	0.50	11.0	SE	84.1	94.7	94.7	30.152	0.00	0.00	0.000	0.066
7/05/13	7:40p	84.0	84.1	84.0	80	77.2	4.0	ESE	0.33	8.0	ESE	84.0	94.5	94.5	30.153	0.00	0.00	0.000	0.066
7/05/13	7:45p	84.0	84.0	83.9	80	77.2	4.0	ESE	0.33	7.0	ESE	84.0	94.5	94.5	30.152	0.00	0.00	0.000	0.066
7/05/13	7:50p	83.9	84.0	83.8	80	77.1	4.0	ESE	0.33	7.0	ESE	83.9	94.2	94.2	30.154	0.00	0.00	0.000	0.066
7/05/13	7:55p	83.8	83.9	83.8	81	77.3	2.0	ESE	0.17	6.0	ESE	83.8	94.3	94.3	30.152	0.00	0.00	0.000	0.065
7/05/13	8:00p	83.5	83.8	83.5	82	77.4	2.0	ESE	0.17	6.0	ESE	83.5	93.7	93.7	30.150	0.00	0.00	0.000	0.064
7/05/13	8:05p	83.4	83.5	83.4	82	77.3	0.0	ESE	0.00	4.0	ESE	83.4	93.4	93.4	30.152	0.00	0.00	0.000	0.064
7/05/13	8:10p	83.2	83.4	83.2	82	77.1	1.0	ESE	0.08	4.0	ESE	83.2	92.8	92.8	30.154	0.00	0.00	0.000	0.063
7/05/13	8:15p	83.0	83.3	83.0	82	76.9	1.0	ESE	0.08	5.0	ESE	83.0	92.3	92.3	30.152	0.00	0.00	0.000	0.063
7/05/13	8:20p	82.9	83.0	82.9	83	77.2	1.0	ESE	0.08	4.0	ESE	82.9	92.3	92.3	30.152	0.00	0.00	0.000	0.062
7/05/13	8:25p	82.5	82.9	82.5	84	77.2	2.0	ESE	0.17	5.0	ESE	82.5	91.5	91.5	30.152	0.00	0.00	0.000	0.061
7/05/13	8:30p	82.3	82.5	82.3	84	77.0	1.0	ESE	0.08	5.0	ESE	82.3	90.9	90.9	30.155	0.00	0.00	0.000	0.060
7/05/13	8:35p	82.1	82.3	82.1	84	76.8	1.0	ESE	0.08	5.0	ESE	82.1	90.4	90.4	30.154	0.00	0.00	0.000	0.059
7/05/13	8:40p	81.9	82.1	81.9	85	76.9	1.0	ESE	0.08	4.0	ESE	81.9	90.1	90.1	30.155	0.00	0.00	0.000	0.059
7/05/13	8:45p	81.6	81.9	81.6	85	76.6	1.0	ESE	0.08	4.0	ESE	81.6	89.4	89.4	30.156	0.00	0.00	0.000	0.058
7/05/13	8:50p	81.4	81.6	81.4	86	76.8	0.0	ESE	0.00	3.0	ESE	81.4	89.1	89.1	30.159	0.00	0.00	0.000	0.057
7/05/13	8:55p	81.2	81.4	81.2	86	76.6	2.0	ESE	0.17	5.0	ESE	81.2	88.6	88.6	30.161	0.00	0.00	0.000	0.056
7/05/13	9:00p	81.0	81.2	81.0	86	76.4	3.0	ESE	0.25	5.0	ESE	81.0	88.1	88.1	30.158	0.00	0.00	0.000	0.056
7/05/13	9:05p	80.8	81.0	80.8	86	76.2	2.0	ESE	0.17	6.0	ESE	80.8	87.6	87.6	30.162	0.00	0.00	0.000	0.054
7/05/13	9:10p	80.5	80.8	80.5	87	76.3	3.0	ESE	0.25	5.0	ESE	80.5	87.2	87.2	30.163	0.00	0.00	0.000	0.054
7/05/13	9:15p	80.1	80.5	80.1	88	76.2	1.0	ESE	0.08	4.0	ESE	80.1	86.6	86.6	30.165	0.00	0.00	0.000	0.052

Naugy Weather 7/05/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar	Rain	Rain Rate	Heat D-D	Cool D-D
7/05/13	9:20p	80.0	80.1	80.0	88	76.1	4.0	ESE	0.33	7.0	ESE	80.0	86.3	86.3	30.164	0.00	0.00	0.000	0.052
7/05/13	9:25p	79.8	80.0	79.8	88	75.9	4.0	ESE	0.33	7.0	ESE	79.8	85.9	85.9	30.166	0.00	0.00	0.000	0.051
7/05/13	9:30p	79.6	79.8	79.6	88	75.7	4.0	ESE	0.33	6.0	ESE	79.6	85.5	85.5	30.168	0.00	0.00	0.000	0.051
7/05/13	9:35p	79.6	79.6	79.6	89	76.1	1.0	ESE	0.08	4.0	ESE	79.6	85.7	85.7	30.171	0.00	0.00	0.000	0.051
7/05/13	9:40p	79.3	79.6	79.3	89	75.8	4.0	ESE	0.33	7.0	ESE	79.3	85.1	85.1	30.172	0.00	0.00	0.000	0.050
7/05/13	9:45p	78.9	79.3	78.9	89	75.4	6.0	ESE	0.50	8.0	ESE	78.9	84.3	84.3	30.173	0.00	0.00	0.000	0.048
7/05/13	9:50p	78.5	78.9	78.5	90	75.3	6.0	ESE	0.50	8.0	ESE	78.5	83.8	83.8	30.173	0.00	0.00	0.000	0.047
7/05/13	9:55p	78.2	78.4	78.2	91	75.4	5.0	ESE	0.42	7.0	ESE	78.2	83.3	83.3	30.175	0.00	0.00	0.000	0.046
7/05/13	10:00p	78.1	78.2	78.1	91	75.3	4.0	ESE	0.33	6.0	ESE	78.1	83.1	83.1	30.176	0.00	0.00	0.000	0.045
7/05/13	10:05p	78.1	78.2	78.1	91	75.3	3.0	ESE	0.25	5.0	ESE	78.1	83.1	83.1	30.179	0.00	0.00	0.000	0.045
7/05/13	10:10p	78.1	78.1	78.1	91	75.3	1.0	ESE	0.08	5.0	ESE	78.1	83.1	83.1	30.179	0.00	0.00	0.000	0.045
7/05/13	10:15p	78.0	78.1	78.0	91	75.2	3.0	ESE	0.25	6.0	ESE	78.0	82.9	82.9	30.180	0.00	0.00	0.000	0.045
7/05/13	10:20p	77.6	78.0	77.6	92	75.1	4.0	ESE	0.33	6.0	ESE	77.6	82.3	82.3	30.180	0.00	0.00	0.000	0.045
7/05/13	10:25p	77.5	77.6	77.5	92	75.0	2.0	ESE	0.17	5.0	ESE	77.5	82.1	82.1	30.181	0.00	0.00	0.000	0.044
7/05/13	10:30p	77.4	77.5	77.4	92	74.9	3.0	ESE	0.25	6.0	ESE	77.4	81.9	81.9	30.180	0.00	0.00	0.000	0.043
7/05/13	10:35p	77.3	77.4	77.3	92	74.8	3.0	ESE	0.25	5.0	ESE	77.3	81.8	81.8	30.181	0.00	0.00	0.000	0.043
7/05/13	10:40p	77.3	77.3	77.3	92	74.8	4.0	ESE	0.33	6.0	ESE	77.3	81.8	81.8	30.181	0.00	0.00	0.000	0.043
7/05/13	10:45p	77.3	77.4	77.3	92	74.8	4.0	ESE	0.33	7.0	ESE	77.3	81.8	81.8	30.180	0.00	0.00	0.000	0.043
7/05/13	10:50p	77.0	77.3	77.0	92	74.5	4.0	ESE	0.33	6.0	ESE	77.0	81.2	81.2	30.183	0.00	0.00	0.000	0.042
7/05/13	10:55p	76.9	77.0	76.8	93	74.7	3.0	ESE	0.25	6.0	ESE	76.9	81.2	81.2	30.184	0.00	0.00	0.000	0.041
7/05/13	11:00p	76.9	76.9	76.8	93	74.7	1.0	ESE	0.08	5.0	ESE	76.9	81.2	81.2	30.184	0.00	0.00	0.000	0.041
7/05/13	11:05p	76.9	77.0	76.9	93	74.7	2.0	ESE	0.17	5.0	ESE	76.9	81.2	81.2	30.186	0.00	0.00	0.000	0.041
7/05/13	11:10p	76.8	76.9	76.8	93	74.6	3.0	ESE	0.25	5.0	ESE	76.8	81.0	81.0	30.187	0.00	0.00	0.000	0.041
7/05/13	11:15p	76.8	76.9	76.8	93	74.6	3.0	ESE	0.25	5.0	ESE	76.8	81.0	81.0	30.187	0.00	0.00	0.000	0.041
7/05/13	11:20p	76.7	76.8	76.7	93	74.5	3.0	ESE	0.25	6.0	ESE	76.7	80.8	80.8	30.184	0.00	0.00	0.000	0.041
7/05/13	11:25p	76.5	76.7	76.5	94	74.6	2.0	ESE	0.17	5.0	ESE	76.5	80.7	80.7	30.186	0.00	0.00	0.000	0.041
7/05/13	11:30p	76.5	76.5	76.4	94	74.6	1.0	ESE	0.08	4.0	ESE	76.5	80.7	80.7	30.188	0.00	0.00	0.000	0.040
7/05/13	11:35p	76.6	76.6	76.5	94	74.7	2.0	ESE	0.17	5.0	ESE	76.6	80.8	80.8	30.187	0.00	0.00	0.000	0.040
7/05/13	11:40p	76.5	76.6	76.5	93	74.3	3.0	ESE	0.25	6.0	ESE	76.5	80.6	80.6	30.190	0.00	0.00	0.000	0.040
7/05/13	11:45p	76.3	76.5	76.3	94	74.4	3.0	ESE	0.25	5.0	ESE	76.3	80.4	80.4	30.190	0.00	0.00	0.000	0.039
7/05/13	11:50p	76.2	76.3	76.2	94	74.3	2.0	ESE	0.17	5.0	ESE	76.2	80.2	80.2	30.191	0.00	0.00	0.000	0.039
7/05/13	11:55p	76.0	76.2	76.0	94	74.1	4.0	ESE	0.33	5.0	ESE	76.0	79.9	79.9	30.190	0.00	0.00	0.000	0.038
7/06/13	12:00a	75.8	76.0	75.8	95	74.3	2.0	ESE	0.17	5.0	ESE	75.8	79.7	79.7	30.189	0.00	0.00	0.000	0.038