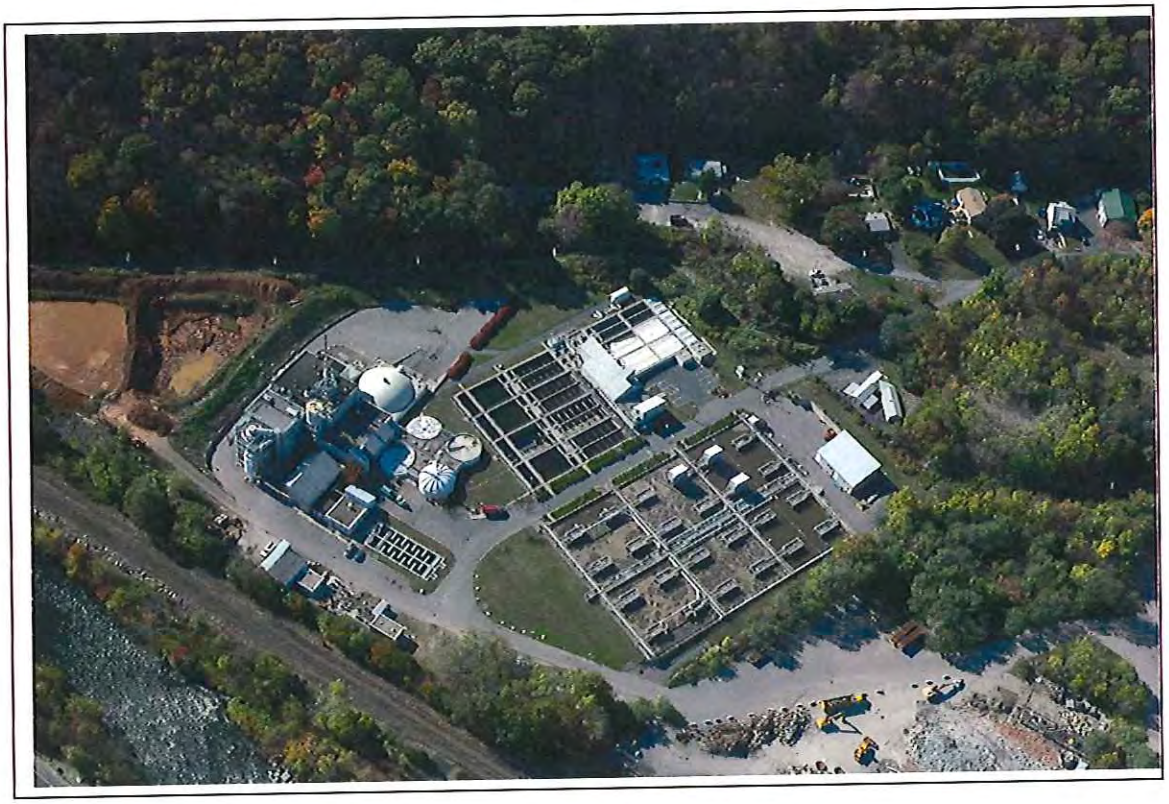


Borough of Naugatuck
Water Pollution Control Facility
Monthly Operating Report
December 2013

Table of Contents – December 2013

1. Monthly Operating Report: cover page……Page 1
2. Monthly WPCF Report December 2013 ……Page 2-3
3. Collection Systems Reports ……..Page 4-10
4. CTDEEP December 2013 Monthly Reports……Page 11-26
5. 2013 Tier II Report ……..Page 27-37
6. Nitrogen Analyzer Report 2013 ……Page 38
7. CEMS Cylinder Gas and Opacity ……..Page 39- 50
8. Semi Annual EPA Summary Report 2013 ……Page 51 – 56
9. 2013 Sludge DMR Report ……Page 57 – 76
10. Daily Min/Max/Total Flow Chart……Page 77
11. Total Feet of Sewers Cleaned…… Page 78

VEOLIA
WATER

January 6, 2014

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

Re: **December 2013 Monthly Operating Report**

Dear Mr. Merancy:

Enclosed please find Veolia Water's Monthly Operating Report for the month of December 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

P2

Borough of Naugatuck
Monthly WPCF Report December 2013

This report summarizes the activities at the Borough POTW for Dec.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.	-	209
Effluent Avg.	30	8
Removal Efficiency	85%	96%
Plant Process Data*	**Limit**	**Actual**
Carbonaceous BOD		
Influent Avg.	-	173
Effluent Avg.	30	<4.0
Removal Efficiency	85%	98%

Discharge Permit Exceedance: None

	Naugatuck	Middlebury	Oxford	OTR
Dec Flow Avg. (MGD)	4.4	*	*	N/A
Sludge Liquid Total (MGal)				3.538.5
Sludge Cake Total (Wet Tons)				6,222.5
Septage Total (MGal)	95,950	29000	158000	367,050

Discharge Permit Exceedance: None

**Unavailable at time of report.*

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	1
Lost Time Accidents	0	1
Odor Complaints	0	17
Unconfirmed Odor Complaints	0	2

1. **Compliance & Regulatory Issues**
   - **a.** There were no recorded Odor Complaints for December 2013.
   - **b.** On Dec 3 a meeting was held at CTDEEP with the Borough, and their Facility Plan Engineers. Jim Stewart (Borough), Pete Hess(Borough Atty), Bill Hardy (Kleinfelder), George Pendleton (Kleinfelder), Kathy Luvisi (ARI), Dan Gorka, Mark Zimmerman and John Batorski were in attendance. CTDEEP personnel attendees were: Dennis Greci, Supervising Sanitary Engineer, Rowland Denny, Senior Sanitary Engineer, Ivonne Hall, Sanitary Engineer Carlos Esguerra. Discussion pertained to the proposed NPDES permit, affordability of the upgrades, and related topics.
   - **c.** On December 30, George Pendleton and Pam Westgate (Kleinfelder Engineers) were onsite to tour the facility.

2. **Personnel**
   - **a.** No report.

Borough of Naugatuck
Monthly WPCF Report December 2013

3. **Health & Safety**
   a. Benn Bullock, Veolia Safety Manager toured the facility on Dec 10. No major issues were noted.
   b. Hearing Conservation training is scheduled for Tuesday, Jan 21, 2014. Two identical sessions are scheduled for 7 AM and 11 AM.

4. **Operational Information**
   a. The annual Holiday Luncheon was held Dec. 19th.
   b. On Dec 6, 2013 a student from Naugatuck High school was on site for the day as part of the community outreach program. The staff spent a period of their day with the student discussing plant operations and environmental careers.
   c. On Dec. 30, ash deposits were removed from the incinerator exhaust duct and primary heat exchanger inlet.
   d. A diffuser failed in aeration tank #6. We will schedule repairs in early January 2014.

5. **Collections**
   a. No report.

6. **Maintenance**
   a. Maintenance Shop organization is over 80% complete. The concrete floors and walls have been painted. The shop should be fully operational by the end of Jan 2014.
   b. The original seal on the #3 RAS pump has failed. The old plant water pumps will be temporarily placed in service as RAS pumps. Two RAS pumps were ordered and will be installed in January 2014.
   c. Both Abel pumps failed Sunday, Dec 15. One Abel hydraulic valve assembly failed and the other Abel had a failure of the screw auger main bearings. The north Abel auger section and the hydraulic valve controls were rebuilt.
   d. The #1 sludge storage recirculation pump was rebuilt after 3 ½ years of recirculating sludge.
   e. The soda ash feeder was rebuilt and returned to service.
   f. We are ordering parts for the #3 raw sewage pump installation such that upon arrival of the pump (Jan 2014) it may be quickly installed.
   g. The original horizontal conveyor, SDC2 that feeds the cake to the sludge silo failed. The conveyor was replaced however one of the vertical conveyors, VC4 froze. Several days were required to thaw the conveyor out.
   h. Two new sets of hydraulic hoses were ordered for the Abel sludge feed pumps.

6. **Capital Projects**
   a. No report.

Borough of Naugatuck
Collections Systems Report
December 2013

VEOLIA WATER

	Calls for Service
1	344 evening star dr lateral issue 12/18/2013
2	48 gorman st lateral issue 12/19/2013
3	
4	
5	
6	

This Month	Year to Date
2	8

	Calls Caused By Collection System
1	
2	
3	
4	

Reason

	High Velocity Cleaning		
	Street Name	Date	Footage
1	moonlight cir.11-87 to 11-78	12/2/2013	660
2	walnut st.6-315 to 6-314	12/4/2013	150
3	woodlawn st.6-303 to 6-303a	12/4/2013	385
4	longview dr.11-42a to 11-34	12/5/2013	1010
5	bailey rd.11-37 to 11-34	12/5/2013	700
6	parkman pl.9-145 to 9-144	12/10/2013	240
7	parkman pl.9-143 to 9-144	12/10/2013	165
8	valley dr 16-34 to 16-32	12/11/2013	570
9	valley dr ext 16-30 to 16-32	12/11/2013	300
10	beacon vally rd 14-95 to 14-91	12/12/2013	560
11	brigton st 5-41 to 5-37	12/12/2013	750
12	evening star dr 8-2 to 8-3	12/18/2013	225
13	trout brook dr 16-54 to 16-53	12/19/2013	290
14	trout brook dr 16-53 to 16-51	12/19/2013	610
15	trout brook dr 16-51 to 16-50	12/19/2013	300
16	gorman st 9-75 to 9-76	12/19/2013	365
17	margaret cir 16-63 to 16-44	12/20/2013	1050
18	bowman dr syphon	12/26/2013	475
19	little river dr.	12/27/2013	150
20	schmitz ave	12/27/2013	260
21	hacket st	12/27/2013	700
22	hacket st 16-35 to 16-12	12/28/2013	655
23	beacon manor dr.16-10 to 16 -7	12/30/2013	835
24	fairwood rd. 16-24 to 16-31	12/30/2013	100
25	fairwood rd. 16-22 to 16-17	12/31/2013	770
26	beacon manor cir 16-15 to 16-5	12/31/2013	270
27			

6 month list
Call for service

This Month		Year to Date	
12545	Feet	87233	Feet

	Root Treatment		
	Street Name	Type	Footage
1			
2			
3			

This Month		Year to Date	
0	Feet	4683	Feet

	Video Inspections		
	Street Name	Type	Footage
1	12/02/13 walnut st.	cctv	150
2	12/03/13 rockwell ave	cctc	620
3	12/03/13 terrace ave.	cctv	550
4	12/13/2013 church st	cctv	250
5			

This Month		Year to Date	
1570	Feet	3643	Feet

	Pump Station Services			
	Work performed	Location	Date	Notes
1	pump Station Services	all 5	12/9/2013	jet influent line at hop brook,grease
2	Pump Station Services	all 5	12/13/2013	
3	Pump Station Services	all 5	12/20/2013	
4	vac maple/may and inwood	3,4	12/25/2013	inspect pump pedistle for cracks
5	Pump Station Services	all 5	12/27/2013	
6				
7				

Vac Truck Information

Days out of the plant working		
This Month	YTD	Remaining
17	86	64

Fuel Information	Fuel Cost	Fuel Used		YTD Gallons	
	$202.08	47.2	Gallons	669.5	Gallons
	$229.00	53.5	Gallons		
			Gallons		
			Gallons	YTD Fuel Cost	
This Months Total	$431.08	100.7	Gallons	$2,960.69	

	Mileage		Engine Hours
Month Start	169714	Month Start	4703
Month End	170362	Month End	4749
Total	648	Total	46

Utlity Truck Information	Fuel Cost	Fuel Used		YTD Gallons
	$101.83	23.46	Gallons	275.53
	$109.00	25.47	Gallons	
	$78.00	18.22	Gallons	
	$47.15	11.02	Gallons	YTD Fuel Cost
	$335.98	**78.17**	Gallons	$1,157.56

	Other tasks and notes
1	12/04/13 curb markers drilled and installed for snowplowing
2	12/04/13 inspect mh on meadow st. manhole needs to be raised
3	12/05/13 inspect warren st easement
4	12/05/13 inspect breen and rotory field easement
5	12/05/13 inspect simsbury easement
6	12/06/13 call in. inwood pump station pumps not activating
7	12/09/13 inspect vac truck,service is due,grease all points of truck
8	12/10/13 snowplow plant and remove snow from pump stations
9	12/11/13 de-iced all pump stations
10	12/12/13 get snowblowers ready for upcoming storm
11	12/13/13 church st inspection for odor complaint,dye testing
12	12/13/13 vac septic drop drain
13	12/14/13 snowplow plant
14	12/15/13 remove snow from pump stations
15	12/17/13 grease vac truck
16	12/17/13 snowplow plant
17	12/18/13 remove snow from pump stations
18	12/23/13 maintence to vac truck and utility truck
19	12/27/13 inspect plant inflow and syphons
20	12/30/13 inspect syphons,bowman dr,cotton hollow rd,n.main st,middlebury flow station

* * * Communication Result Report (Jan. 2. 2014 10:24AM) * * *

1) Veolia Water-NET LLC
2)

Date/Time: Jan. 2. 2014 10:23AM

File No.	Mode	Destination	Pg(s)	Result	Page Not Sent
2569	Memory TX	Engineering Office	P. 1	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

Sewer Backup Incident Report
Borough of Naugatuck, Operated by Veolia Water NA

Date: 1-1-2014 Time: 1:30 Circle AM (PM)

Employee(s) responding: Mike Forish + Brian Howard

Time notified: 10:55 (AM) PM Response Time: 11:45 (AM) PM (Must be less than 1 hour)

Location: 456, 463 mulberry St.

Property Owner: Bill Reynolds (456) mulberry St.

Weather: clear Rainfall: none Temp. 25°F

Was main line blocked? Yes X No

Did employee enter premise? Yes No X

Employee(s) who entered:

Extent of apparent damage (finished basement, estimated depth of backup, sump pump/gutters connected to sanitary)
456 mulberry - was told by homeowner that some boxes got wet on basement floor.
463 mulberry - saw that garage floor was wet, firewood and area rug was wet.

Backup history at location: N/A

Action taken: HVC main line from MH 11-16 to 11-17 365 ft. Blockage was @ 155 ft. upstream from MH 11-16

Additional comments: Pulled back alot of grease, will put MH 11-16 to MH 11-17 on six month list. Deep case # 2014-8

Mandatory Notifications:
Chris Mekuch cell: 203-593-4749, home: 860-827-9905: Time: 1:30pm
Jim Stewart Cell: 203-258-0935, Eng office office: 203-720-7005, Public Works office: 203-720-7071 Time:
GT DEP Bypass Report: refer to GT DEP Bypass form and sample notification script (if req'd). Time: 1:30pm
Fax copy of report to Engineering office: 203-720-7041 Yes X No Time:
STANDARD POLICY – SANITARY SEWER BACK-UPS given to Homeowner? Yes X No

Revised: 10/17/2011

P8

Sewer Backup Incident Report

Borough of Naugatuck, Operated by Veolia Water NA

Date: 1-1-2014 Time: 1:30 Circle AM (PM)

Employee(s) responding: Mike Forish + Brian Howard

Time notified: 10:55 (AM)PM Response Time: 11:45 (AM)PM (Must be less than 1 hour)

Location: 456, 463 mulberry St.

Property Owner: Bill Reynolds (456) mulberry St.

Weather: clear Rainfall: none Temp. 25°F

Was main line blocked? Yes X No

Did employee enter premise? Yes No X

Employee(s) who entered:

Extent of apparent damage (finished basement, estimated depth of backup, sump pump/gutters connected to sanitary)

456 mulberry - was told by homeowner that some boxes got wet on basement floor.

463 mulberry - saw that garage floor was wet. firewood and area rug was wet.

Backup history at location: N/A

Action taken: HVC main line from MH 11-16 to 11-17 365 FT. Blockage was @ 155 FT. upstream from MH 11-16

Additional comments: Pulled back alot of grease, will put MH 11-16 to MH 11-17 on six month list. Deep case # 2014-8

Mandatory Notifications:

Chris Makuch cell: 203-509-4740, home: 860-827-9908: Time: 1:30pm

Jim Stewart Cell: 203-258-0985, Eng office office: 203-720-7005, Public Works office: 203-720-7071 Time:

CT DEP Bypass Report: refer to CT DEP Bypass form and sample notification script (if req'd). Time: 1:30 pm

Fax copy of report to Engineering office: 203-720-7041 Yes X No Time:

STANDARD POLICY – SANITARY SEWER BACK-UPS given to Homeowner? Yes X No

Revised: 10/17/2011

STANDARD POLICY – SANITARY SEWER BACK-UPS

Dear Resident:

The Water Pollution Control Authority as being part of the Borough of Naugatuck has contracted with Veolia Water NA Operating Services to respond to back-ups and problems in the Borough sanitary sewer system. Veolia Water and the Borough of Naugatuck will do everything possible to alleviate the problem and will attempt to assist all residents to the best of their abilities.

VEOLIA WATER WILL NOT:

1. Determine responsibility/liability for sewer back-up occurrence.
2. Clean sewer waste in homes and/or remove damaged goods/contents.
3. Call cleaning services for homeowners.
4. Call "Roto Rooter"/plumbers for homeowners.

All residents shall be advised that any and all assistance provided by and any and all costs and/or expenses incurred by the Borough of Naugatuck, its servants, employees and/or agents, in connection with the sewer back-up or in connection with any effort to clear up the sewer back-up is not to be interpreted or considered an admission of liability or responsibility on the part of the Borough of Naugatuck, for sewer back-up and/or for any damages resulting there from. The Borough cannot advance cleaning costs for any sewer back up.

*Residents are **not to assume** that the Borough Naugatuck or Veolia Water will pay for any costs/damages incurred as a result of the sewer back-up occurrence. The Borough of Naugatuck's insurance carrier **rejects** numerous claims for payment of clean-up costs and damage of house goods/contents submitted by residents.*

Veolia Water will:

1. Provide a detailed written report to the Water Pollution Control Authority Office describing the facts of sewer back-up occurrence and subsequent corrective action taken by Veolia Water. This report will provide the information necessary for the Water Pollution Control Authority Office to make an informed decision as to the Borough of Naugatuck's limits of potential liability. A copy of the Sewer Backup Incident Report can be obtained upon request.

We highly encourage residents to immediately report this incident to their insurance agent or carrier. Please note no liability on behalf of the Borough of Naugatuck and its contractor Veolia Water will be determined until after the Sewer Incident Backup Report has been provided to the Water Pollution Control Authority Office.

Please direct any and all questions regarding this policy and sewer back-up claim to the Water Pollution Control Authority Office.

Thank you in advance for your anticipated cooperation. For your convenience, below are listed some service contractors. These were taken from the "Yellow Pages" and the Veolia Water and the Borough of Naugatuck makes no recommendations or endorsements.

Sewer Services:

American Rooter	203-753-8675
Mike's Rescue Rooter	203-931-1333
Power Rooter	203-757-0108
Roto-Rooter Plumbing Service	203-720-9393

P10

Cleaning Services:

JP Maguire,Inc.	203-755-2207
R.I.C.H.	860-274-7424
ServiceMaster	203-753-0666

For any health concerns call:

Valley Health District	203-881-3255

Printed name of homeowner or person at the residence: 456 463
Signed name of homeowner or person at the residence: _____
Date: _____

Printed name of Veolia Representative at the residence: Mike Fogish
Signed name of Veolia Representative at the residence: _____
Date: 1/1/2014

456, 463 mulberry st. back-up.

MH: 11-16 to 11-17 365 FT.

50 gallons

Dep @ 1:30 pm 1/1/2014

Case # 2014-8

Call IN. 10:55 AM At Manhole 11:45 AM
Cleared at 12:30 p.m. Called Deep 1:30 p.m.

Cc: Informational packet forwarded regarding disinfection procedures.

Rev. 61412JB

VEOLIA
WATER

Sent Certified R.R.R. mail 7009 2820 0004 1018 0828 on January 9, 2014

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

January 9, 2014

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

Dear Sir/Madam:

Enclosed please find the *Monthly Operating Report, Nutrients Analysis Report* for the month of December 2013. The *Nutrients Analysis Report for Compliance with General Permit for Nitrogen Discharges* and *Discharge Monitoring Report* were submitted electronically. There were no exceptions to this report.

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

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

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

Chief 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)

P12

	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.	% solids	wt.	MLSS	SVI	DO Hi	DO Lo	% flow	% solids			septic	indust	Inf.	Prim. Eff.	Final Eff.	Inf.	Prim. Eff.	Final Eff.	Eff.	Eff.	
Units	mgd			gal.		lbs.			mg/l				lbs	lbs	gal	gal	mg/l			mg/l			ml/l	NTU	
Freq	daily			work day			work day				work day		work day	work day	work day		Daily			Daily			work day	work day	
01	5.7	2.3	4.1						2.30	1.20	162		1,042	187,800	0										
02	5.4	2.3	4.4				4,226	71	5.00	1.10	161	0.95	1,212	144,763	63,750		220	88	<4	300	84	<5	0.0	2.5	
03	5.4	2.5	4.2				4,412	70	2.20	1.20	156	0.86	2,414	180,480	57,300		150	110	<4	170	64	<5	0.0	2.3	
04	5.8	2.3	4.1				4,376	71	2.40	1.00	122	1.00	1,276	165,075	34,000		200	91	<4	230	52	<5	0.0	4.3	
05	5.2	2.0	4.0				3,814	68	2.40	1.10	150	0.91	0	160,344	38,450								0.0	3.6	
06	5.7	2.5	4.3				3,984	77	2.30	1.00	145	0.57	0	158,784	39,550								0.0	3.1	
07	6.2	2.6	4.2						5.00	0.80	155		481	167,124	7,750										
08	6.1	2.1	4.2						2.30	1.10	162		0	182,244	1,250										
09	5.4	2.1	4.3				3,664	78	2.50	1.00	158	0.81	0	182,244	17,000		210	150	<4	310	77	<5	0.0	6.0	
10	7.1	2.3	4.0				3,906	70	2.50	1.00	159	0.83	0	166,607	13,250		160	110	<4	180	78	<5	0.0	3.7	
11	5.2	2.2	4.0				3,448	74	2.50	1.00	118	0.78	0	162,276	31,250		240	110	<4	220	54	8	0.0	9.3	
12	5.1	2.4	3.7				3,632	81	2.40	0.90	119	0.65	0	162,481	58,750								0.0	5.9	
13	5.0	2.2	4.3				3,796	70	2.40	1.00	101	0.67	566	174,024	51,750								0.0	4.4	
14	14.5	0.4	4.4						2.50	1.00	102		0	129,347	0										
15	6.2	0.5	3.4						2.40	1.10	120		0	35,489	0										
16	5.7	2.1	4.3				2,538	70	5.00	0.30	105	0.44	0	154,784	11,500		240	160	<4	350	170	24	0.0	4.4	
17	5.2	2.0	4.0				3,678	76	2.20	1.20	111	0.67	566	142,967	6,500		150	180	<4	130	110	12	0.0	7.6	
18	6.4	2.1	3.8				4,232	72	2.60	0.60	118	0.72	1,225	133,056	17,250		140	100	<4	150	120	11	0.0	9.1	
19	6.3	2.1	4.0				4,164	76	2.40	1.10	99	0.82	0	112,063	18,250								0.0	6.1	
20	5.3	2.4	4.4				4,096	83	2.40	1.20	108	0.79	334	133,113	21,000								0.0	3.7	
21	6.4	2.5	4.3						5.00	1.10	102		534	151,440	6,500										
22	6.8	2.7	4.7						2.60	1.00	87		0	152,904	0		170	86	<4	270	96	<5			
23	8.3	3.0	5.9				3,972	82	2.50	0.80	76	0.82	349	139,644	26,950								0.0	3.6	
24	8.3	3.9	5.4				3,790	92	5.00	0.00	75	0.82	1,395	144,168	26,750								0.0	3.5	
25	7.1	3.3	5.1						2.50	0.90	84		2,441	120,900	0		97		<3	91		<5			
26	7.1	3.3	5.2				4,192	95	2.40	1.00	82	1.07	2,276	146,459	21,950		120	150	<4	170	91	<5	0.0	3.8	
27	6.3	2.9	4.6				4,364	79	2.50	1.00	86	0.74	0	156,569	22,800								0.0	3.4	
28	6.9	3.0	4.7						2.70	0.80	89		1,250	176,304	5,000										
29	7.5	2.4	5.4						5.00	0.70	77		0	149,339	2,250										
30	7.1	4.0	5.1				3,300	99	2.80	0.90	77	0.67	712	114,643	25,750		150	100	<4	150	59	<5	0.0	3.5	
31	7.0	3.6	5.2				3,716	67	2.90	0.00	80	0.89	1,136	147,888	23,500								0.0	2.1	
TOT			137.7										19,209	4,635,322	650,000										
AVG	6.5	2.5	4.4				3,871	77	2.2	1.8	114	0.8	620	149,527	20,968		173	120	4	209	88	8	0.0	4.6	

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: 1-8-14

	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	0.00	0.00																										
02	0.00	0.00				23.0	19.7	0.21	<0.01	0.01	3.7	0.130	0.2	<0.01	44.4	32.4	1.75	7.8	7.4	6.8	11.0	4.9	10.5	60	74	0.97	0.17	
03	0.00	0.00				25.6	24.8	0.25			3.6			0.01			1.88	7.5	7.2	6.7	11.9		11.3	61	71			
04	0.00	0.00				27.0	22.8	0.18			4.0			<0.01			1.97	8.2	7.1	6.6				62	74			
05	0.00	0.00																7.9	7.4	6.7				62	75			
06	0.00	0.00																6.9	7.4	6.8				62	77			
07	0.00	0.00																										
08	0.00	0.00																										
09	0.00	0.00				26.6	24.6	0.18			3.9			<0.01			2.16	8.0	7.3	6.6	12.3		12.4	59	72	1.55	0.28	
10	0.00	0.00				24.6	19.3	0.30			3.7			<0.01			1.99	8.1	7.3	6.6	11.0		11.3	60	72			
11	0.00	0.00				20.4	22.0	0.46			2.3			<0.01			2.38	7.9	7.2	6.6				59	66			
12	0.00	0.00																7.8	7.3	6.5				59	71			
13	0.00	0.00																7.9	7.3	6.4				58	71			
14	0.00	0.00																										
15	0.00	0.00																										
16	0.00	0.00				27.2	27.0	1.99			7.4			0.02			4.48	7.6	7.4	6.6	9.8		11.0	59	65	2.17	0.64	
17	0.00	0.00				28.2	26.0	9.00			1.9			0.03			11.70	7.6	7.5	7.0	11.9		12.7	57	65			
18	0.00	0.00				21.0	19.7	4.97			3.6			0.03			7.66	7.6	7.3	6.8				58	67			
19	0.00	0.00																8.0	7.5	6.6				59	67			
20	0.00	0.00																7.6	7.3	6.6				60	70			
21	0.00	0.00																										
22	0.00	0.00				22.2	24.0	0.21			3.8			<0.01			1.93				8.0		8.0			1.91	0.29	
23	0.00	0.00																7.2	7.5	6.5				59	74			
24	0.00	0.00																7.3	7.3	6.6				59	71			
25	0.00	0.00				22.6		0.27			2.8			<0.01			1.65											
26	0.00	0.00				20.8	34.7	0.37			4.9			0.02			1.71	7.2	7.3	6.6	8.8		8.8	57	68			
27	0.00	0.00																7.5	7.2	7.1				58	68			
28	0.00	0.00																										
29	0.00	0.00																										
30	0.00	0.00				13.2	16.0	0.21			3.8			<0.01			1.74	7.3	7.2	6.6	7.4		7.6	57	69	1.49	0.23	
31	0.00	0.00																7.3	7.2	6.8				58	66			
TOT																												
AVG						23.3	23.4	1.43	0.0	0.0	3.8	0.1	0.2	0.01	44.4	32.4	3.31	7.6	7.3	6.7	10.2	4.9	10.4	59	70	1.62	0.32	

Nutrient Analysis Report

Town/Facility: Naugatuck WWTF Flow Rate: 4.4 MGD Sampling Date: 12/02/13

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	23.0		19.7		0.2				
Nitrites	0.13		0.16		<0.01				
Nitrates	0.0		0.0		3.7				
TKN	44.4		32.4		1.8				
Total Nitrogen	44.5	1,634	32.6	1,195	5.5	202			88
Orthophosphates	2.1	76			11.0	404			
Total Phosphorus	4.9	180			10.5	385			

Permit # CT0100641

VEOLIA WATER

x Plant Samples by Intake Forecast Summary

Sample Date Range 12/1/2013 - 12/31/2013
Forecast Date Range 1/1/2014 - 12/31/2013
Number of Forecast Days: 0

Bates, Inc.	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 12,000☐Total Samples: 2	0	12,000
Total Samples for Bates, Inc.: 2		

Beacon Falls Treatment	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 104,000☐Total Samples: 16	0	104,000
Total Samples for Beacon Falls Treatment: 16		

Bennett Septic	Forecasted New Intake	Forecasted Total
Septage Total Gallons: 92,500☐Total Samples: 24	0	92,500
Total Samples for Bennett Septic: 24		

Bill Dunn Sanitation	Forecasted New Intake	Forecasted Total
Septage Total Gallons: 35,400☐Total Samples: 18	0	35,400
Total Samples for Bill Dunn Sanitation: 18		

Bill Marek Excavating & Septic Systems	Forecasted New Intake	Forecasted Total
Septage Total Gallons: 27,000☐Total Samples: 9	0	27,000
Total Samples for Bill Marek Excavating & Septic Systems: 9		

Bristol Printed: 1/8/2014 1:25:25 PM	Forecasted New Intake	Forecasted Total
Cake Sludge Total Tons: 587.05☐Total Samples: 35	0	587

Total Samples for Bristol: 35

Casella Beacon, NY

Cake Sludge	Forecasted New Intake	Forecasted Total
Total Tons: 29.09☐Total Samples: 1	0	29

Total Samples for Casella Beacon, NY: 1

Casella Chicopee

Cake Sludge	Forecasted New Intake	Forecasted Total
Total Tons: 497.40☐Total Samples: 20	0	497

Total Samples for Casella Chicopee: 20

Casella Glen Cove

Cake Sludge	Forecasted New Intake	Forecasted Total
Total Tons: 276.92☐Total Samples: 11	0	277

Total Samples for Casella Glen Cove: 11

Casella Suffolk NY

Cake Sludge	Forecasted New Intake	Forecasted Total
Total Tons: 1,455.43☐Total Samples: 51	0	1,455

Total Samples for Casella Suffolk NY: 51

Casella Westfield MA

Cake Sludge	Forecasted New Intake	Forecasted Total
Total Tons: 507.63☐Total Samples: 21	0	508

Total Samples for Casella Westfield MA: 21

Casella Yorktown Heights

Cake Sludge	Forecasted New Intake	Forecasted Total
Total Tons: 60.93☐Total Samples: 5	0	61

Total Samples for Casella Yorktown Heights: 5

Chatfield

Septage	Forecasted New Intake	Forecasted Total

Total Gallons: 5,600☐Total Samples: 7	0	5,600
Total Samples for Chatfield: 7		

Connecticut Tank (Alstom loads)	Forecasted New Intake	Forecasted Total
Industrial Waste Water		
Total Gallons: 22,567☐Total Samples: 5	0	22,600
Total Samples for Connecticut Tank (Alstom loads) : 5		

Country Septic	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 9,500☐Total Samples: 2	0	9,500
Total Samples for Country Septic: 2		

East Coast Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 124,000☐Total Samples: 31	0	124,000
Total Samples for East Coast Septic: 31		

Grieger Excavating	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 15,000☐Total Samples: 6	0	15,000
Total Samples for Grieger Excavating: 6		

Heritage Village Water	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 52,000☐Total Samples: 8	0	52,000
Total Samples for Heritage Village Water: 8		

HI Stone Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 32,500☐Total Samples: 5	0	32,500
Total Samples for HI Stone Septic: 5		

Koseski Septic	Forecasted New Intake	Forecasted Total

Septage

Total Gallons: 104,250☐Total Samples: 37	0	104,200

Total Samples for Koseski Septic: 37

Litchfield

	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 52,000☐Total Samples: 8	0	52,000

Total Samples for Litchfield: 8

Lynnwood Place

	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 32,500☐Total Samples: 5	0	32,500

Total Samples for Lynnwood Place: 5

Mahopac Septic

	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 682,000☐Total Samples: 114	0	682,000

Total Samples for Mahopac Septic: 114

New England Septic

	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 135,000☐Total Samples: 45	0	135,000

Total Samples for New England Septic: 45

New Hartford

	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 84,500☐Total Samples: 13	0	84,500

Total Samples for New Hartford : 13

New Rochelle

	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 2,210.14☐Total Samples: 96 Printed: 1/8/2014 1:25:25 PM	0	2,210

Total Samples for New Rochelle: 96

North Canaan	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 26,000☐Total Samples: 4	0	26,000
Total Samples for North Canaan: 4		

Oxbury Sanitation	Forecasted New Intake	Forecasted Total
Septage Total Gallons: 24,000☐Total Samples: 8	0	24,000
Total Samples for Oxbury Sanitation: 8		

Pawling	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 19,500☐Total Samples: 3	0	19,500
Total Samples for Pawling: 3		

Plymouth	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 71,500☐Total Samples: 11	0	71,500
Total Samples for Plymouth: 11		

Prospect Sanitation	Forecasted New Intake	Forecasted Total
Septage Total Gallons: 25,000☐Total Samples: 10	0	25,000
Total Samples for Prospect Sanitation: 10		

Rhinebeck	Forecasted New Intake	Forecasted Total
Cake Sludge Total Tons: 19.23☐Total Samples: 2	0	19
Total Samples for Rhinebeck: 2		

Salisbury	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 91,000☐Total Samples: 14	0	91,000
Total Samples for Salisbury: 14		

Shelton Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 6,000☐Total Samples: 3		
Total Samples for Shelton Septic: 3	0	6,000

Shoreline Sanitation	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 4.86☐Total Samples: 1		
Total Samples for Shoreline Sanitation: 1	0	5

Stratford	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 786,500☐Total Samples: 121		
Total Samples for Stratford: 121	0	786,500

Superior Sanitation	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 21,000☐Total Samples: 14		
Total Samples for Superior Sanitation: 14	0	21,000

Synagro	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 169,000☐Total Samples: 26	0	169,000
Cake Sludge		
Total Tons: 64.85☐Total Samples: 3	0	65
Total Samples for Synagro: 29		

Talarico Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 175,000☐Total Samples: 48		
Total Samples for Talarico Septic: 48	0	175,000

Thomaston	Forecasted New Intake	Forecasted Total

Liquid Sludge Total Gallons: 52,000☐Total Samples: 8	0	52,000

Total Samples for Thomaston: 8

Torrington	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 396,500☐Total Samples: 61	0	396,500

Total Samples for Torrington: 61

Veolia Bedford Hills	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 26,000☐Total Samples: 4	0	26,000

Total Samples for Veolia Bedford Hills: 4

Veolia Danbury	Forecasted New Intake	Forecasted Total
Cake Sludge Total Tons: 383.45☐Total Samples: 18	0	383

Total Samples for Veolia Danbury: 18

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

Total Samples for Veolia North Haven: 19

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

Total Samples for Veolia Pepsi: 1

Veolia Poughkeepsie	Forecasted New Intake	Forecasted Total
Liquid Sludge Total Gallons: 442,000☐Total Samples: 68 Printed: 1/8/2014 1:25:25 PM	0	442,000

Total Samples for Veolia Poughkeepsie: 68

Veolia Seymour

Cake Sludge	Forecasted New Intake	Forecasted Total
Total Tons: 125.48☐Total Samples: 14	0	125
Total Samples for Veolia Seymour: 14		

VES Americas Styrenics

Industrial Waste Water	Forecasted New Intake	Forecasted Total
Total Gallons: 6,500☐Total Samples: 1	0	6,500
Total Samples for VES Americas Styrenics : 1		

Vogler

Liquid Sludge	Forecasted New Intake	Forecasted Total
Total Gallons: 19,500☐Total Samples: 3	0	19,500
Total Samples for Vogler: 3		

Watertown Septic

Septage	Forecasted New Intake	Forecasted Total
Total Gallons: 6,000☐Total Samples: 2	0	6,000
Total Samples for Watertown Septic: 2		

Westport

Liquid Sludge	Forecasted New Intake	Forecasted Total
Total Gallons: 110,500☐Total Samples: 17	0	110,500
Total Samples for Westport: 17		

Windham

Liquid Sludge	Forecasted New Intake	Forecasted Total
Total Gallons: 325,000☐Total Samples: 50	0	325,000
Total Samples for Windham: 50		

Total Gallons for all Customers 12/1/2013 - 12/31/2013: 4,550,817		
Total Tons for all Customers 12/1/2013 - 12/31/2013: 6,222.46	0	4,550,800
Total Samples for all Customers 12/1/2013 - 12/31/2013: 1129	0	6,222

DMR Copy of Record

Permit					
Permit #:	CT0100641	**Permittee:**	NAUGATUCK WPCF	**Facility:**	NAUGATUCK, BOROUGH OF
Major:	Yes	**Permittee Address:**	500 CHERRY STREET NAUGATUCK, CT 06770	**Facility Location:**	500 CHERRY STREET NAUGATUCK, CT 06770
Permitted Feature:	001 External Outfall	**Discharge:**	001-1 SANITARY SEWAGE		
Report Dates & Status					
Monitoring Period:	From 12/01/13 to 12/31/13	**DMR Due Date:**	01/15/14	**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	**Title:**	Plant Manager	**Telephone:**	203-723-1433
Last Name:	Batorski				
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										=	77	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						=	6.9					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						=	6.4			=	7.1	12 - SU		01/01 - Daily	GR - GRAB
					Permit Req.						>=	6 INST MIN			<=	9 INST MAX	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI															
00410	Alkalinity, total [as CaCO3]	1 - Effluent Gross	0	–	Sample										=	70	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								=	8	=	24	19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
					Permit Req.								<=	30 MO AVG	<=	45 DAILY MX	19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	–	Sample								=	209			19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	–	Sample										<	0.01	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										=	13.6	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	=	257			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															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	–	Sample								=	1.4	=	9	19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
					Permit Req.								<=	25 MO AVG		Req Mon DAILY MX	19 - mg/L		12/30 - Twelve Per Month	CP - COMPOS
					Value NODI															
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	–	Sample										=	0.03	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	–	Sample										=	7.4	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	–	Sample										=	11.7	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	–	Sample										=	12.7	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
01002	Arsenic, total [as As]	S - See Comments	0	–	Sample										=	1.1	69 - mg/kg		01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.											Opt Mon INST MAX	69 - mg/kg		01/60 - Once Every 2 Months	GR - GRAB
					Value NODI															
01012	Beryllium, total [as Be]	S - See Comments	0	–	Sample										<	0.42	69 - mg/kg		01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.											Opt Mon INST MAX	69 - mg/kg		01/60 - Once Every 2 Months	GR - GRAB

Sent electronically 1-7-14 JB

01027	Cadmium, total [as Cd]	1 - Effluent Gross	0	–	Value NODI																				
					Sample																	<	0.001	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.																		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
01042	Copper, total [as Cu]	1 - Effluent Gross	0	–	Value NODI																				
					Sample	=	0.32	=	0.64	01 - kg/d															
					Permit Req.	<=	1.4 MO AVG	<=	2.58 DAILY MX	01 - kg/d															
01077	Silver, total [as Ag]	1 - Effluent Gross	0	–	Value NODI																				
					Sample																				
					Permit Req.																				
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	–	Value NODI																	<	0.001	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Sample	=	1.62	=	2.17	01 - kg/d													Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.	<=	4.85 MO AVG	<=	11.11 DAILY MX	01 - kg/d															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Value NODI																				
					Sample	=	4.4			03 - MGD															
					Permit Req.	<=	10.3 MO AVG			03 - MGD															
70507	Phosphorous, in total orthophosphate	1 - Effluent Gross	0	–	Value NODI																				
					Sample																				
					Permit Req.																				
78467	Zinc, dry weight	S - See Comments	0	–	Value NODI																	=	12.3	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Sample																		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.																				
78468	Lead, dry weight	S - See Comments	0	–	Value NODI																	=	659	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Sample																		Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.																				
78469	Nickel, dry weight	S - See Comments	0	–	Value NODI																	=	40	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Sample																		Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.																				
78471	Mercury, dry weight	S - See Comments	0	–	Value NODI																	=	20	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Sample																		Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.																				
78473	Chromium, dry weight	S - See Comments	0	–	Value NODI																	=	0.68	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Sample																		Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.																				
78475	Copper, sludge, tot, dry weight [as Cu]	S - See Comments	0	–	Value NODI																	=	36	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Sample																		Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.																				
78476	Cadmium, sludge, tot dry weight [as Cd]	S - See Comments	0	–	Value NODI																	=	572	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Sample																		Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.																				
80126	BOD, carbonaceous, 5 day, 5 C	1 - Effluent Gross	0	–	Value NODI																	=	1.5	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Sample																		Opt Mon INST MAX	69 - mg/kg	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.																				
80126	BOD, carbonaceous, 5 day, 5 C	G - Raw Sewage Influent	0	–	Value NODI																	=	4	=	4	19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS
					Sample																	<=	25 MO AVG	<=	40 DAILY MX	19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS
					Permit Req.																							
81011	Solids, suspended percent removal	K - Percent Removal	0	–	Value NODI																	=	173			19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS
					Sample																		Req Mon MO AVG			19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS
					Permit Req.																							
81383	Carbonaceous oxygen demand, % removal	K - Percent Removal	0	–	Value NODI																	=	96			23 - %	01/30 - Monthly	CA - CALCTD
					Sample																	>=	85 MN % RMV			23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.																							
X	TGA3D Pass/Fail Static 48Hr Acute D. Pulex	T - See Comments	1	–	Value NODI																	=	98			23 - %	01/30 - Monthly	CA - CALCTD
					Sample																	>=	85 MN % RMV			23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.																							
X	TGA6C Pass/Fail Static 48Hr Acute Pimephales	T - See Comments	1	–	Value NODI																		Opt Mon AVERAGE			9A - pass=0/fail=1	01/90 - Quarterly	CP - COMPOS
					Sample																							
					Permit Req.																		Opt Mon AVERAGE			9A - pass=0/fail=1	01/90 - Quarterly	CP - COMPOS
					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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
TGA6C	Pass/Fail Static 48Hr Acute Pimephales	T - See Comments	All	Soft	All permit limit values for the Parameter are missing sample values or NODI selection. (Error Code: -1)	Yes
TGA3D	Pass/Fail Static 48Hr Acute D. Pulex	T - See Comments	All	Soft	All permit limit values for the Parameter are missing sample values or NODI selection. (Error Code: -1)	Yes

Comments

Attachments

No attachments.

Report Last Saved By

NAUGATUCK WPCF

User:	John.Batorski@Veoliawaterna.com	Date/Time:	2014-01-08 14:37 (Time Zone: -05:00)
Name:	John Batorski		
E-Mail:	John.Batorski@Veoliawaterna.com		

P26

Nutrient Analysis Report

For compliance with General Permit for Nitrogen Discharges

Facility Name: NAUGATUCK TREATMENT Co.
Permit Number: CT0100641

Month: Dec-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.	12/2/2013	4.4	1.75	3.73	5.5	202
NAUGATUCK TRE.	12/3/2013	4.2	1.88	3.64	5.5	193
NAUGATUCK TRE.	12/4/2013	4.1	1.97	4.02	6	205
NAUGATUCK TRE.	12/9/2013	4.3	2.16	3.94	6.1	219
NAUGATUCK TRE.	12/10/2013	4	1.99	3.7	5.7	190
NAUGATUCK TRE.	12/11/2013	4	2.38	2.25	4.6	153
NAUGATUCK TRE.	12/16/2013	4.3	4.48	7.4	11.9	427
NAUGATUCK TRE.	12/17/2013	4	11.7	1.89	13.6	454
NAUGATUCK TRE.	12/18/2013	3.8	7.66	3.67	11.3	358
NAUGATUCK TRE.	12/22/2013	4.7	1.93	3.78	5.7	223
NAUGATUCK TRE.	12/25/2013	5.1	1.65	2.77	4.4	187
NAUGATUCK TRE.	12/26/2013	5.2	1.71	4.87	6.6	286
NAUGATUCK TRE.	12/30/2013	5.1	1.74	3.81	5.6	238
					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	3335
					Average Pounds	256.5384615

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 1-8-14 John B[illegible]

VEOLIA
WATER

Sent Certified R.R.R. mail #7009 2820 0004 1018 0804 on January 8, 2014

SERC Administrator
Connecticut Department of Environmental Protection
Bureau of Waste Management
79 Elm Street
Hartford, CT 06106-5127

January 8, 2014

Re: 2013 Tier II Report

Dear Sir/Madam:

Enclosed please find a copy of the 2013 Tier Two Report for Naugatuck's Wastewater Treatment Facility. The file was also sent electronically. A CD is also enclosed with the information.

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

Sincerely,
Veolia Water North America – Northeast, LLC.

John Batorski
Plant Manager

7009 2820 0004 1018 0811

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com®
OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.11

Postmark Here

Sent To: Ms. Iliana Rafie
CT DEEP
Street, Apt. No.; or PO Box No.: Bureau of Water Protection
79 Elm Street
City, State, ZIP+4: Hartford, CT 06106-5127

PS Form 3800, August 2006 — See Reverse for Instructions

cc: James R. Stewart PE, LS, Director of Public Works, Borough of Naugatuck (report)
Ken Hanks, Fire Chief (copy of CD and report)
Enclosure: 2013 Tier Two Report with Certification Page

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

P28

VEOLIA
WATER

Mr. Ken Hanks
Deputy Fire Marshall
41 Maple Street
Naugatuck, CT 06770

January 8, 2014

Re: 2013 Tier II Report

Dear Mr. Hanks:

Enclosed please find a copy of the 2013 Tier Two Report for Naugatuck's Wastewater Treatment Facility. The file was also sent electronically. A CD is also enclosed with the information.

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

Sincerely,
Veolia Water North America – Northeast, LLC

John Batorski
Plant Manager

Enclosure: 2013 Tier Two Report with Certification Page

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

Tier Two
Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2013

Printed: January 7, 2014

Facility Name: Naugatuck POTW

****
****

FACILITY IDENTIFICATION:
Naugatuck POTW
Dept: Operations
500 Cherry
Naugatuck, CT 06770 USA
County: New Haven
Latitude: 41.4726
Longitude: -73.0534
MAILING ADDRESS: 500 Cherry Street
Naugatuck, CT 06770 USA
Facility Phone: 203-723-1433

[ ] All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
:
:
:
Dun & Bradstreet: 172413759
NAICS: 22132 (Sewage Treatment Facilities)
SIC: 4952 (SEWERAGE SYSTEMS)

Is the facility manned? [x] Manned [ ] Unmanned
Maximum No. of Occupants: 25

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? [ ] Yes [x] No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? [ ] Yes [x] No

CONTACT INFORMATION:

Batorski, John
Title: Plant Manager Contact Type 1: Owner / Operator Contact Type 2: Emergency Contact Contact Type 3: Fac. Emergency Coordinator Contact Type 4: Tier II Information Contact
Address: 500 Cherry Street, Naugatuck, CT, 06770 USA
Phones: Work: 203-723-1433 Mobile - Cell: 203-509-6010 Home: 860-349-8589 24-hour: 203-723-1433
Email: John.Batorski@Veolia.com

Makuch, Chris
Title: Assistant Plant Manager Contact Type 1: Emergency Contact Contact Type 2: Owner / Operator Contact Type 3: Parent Company
Address: 500 Cherry Street, Naugatuck, CT, 06770 USA
Phones: Mobile - Cell: 203-509-4740 Home: 860-827-9908 Work: 203-723-1433 24-hour: 203-723-1433
Email: Chris.Makuch@Veolia.com

CHEMICAL DESCRIPTIONS:

Facility Name: Naugatuck POTW

CHEM NAME: CAUSTIC SODA, SOLUTION
CAS: 1310-73-2
[ ] Identical to previous year
[ ] TRADE SECRET
[ ] Pure [x] Mix [ ] Solid [x] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[ ] Fire [ ] Sudden Release of Pressure [x] Reactivity [x] Immediate (acute) [ ] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds
Max Amt: 60000 pounds Max Daily Amt code: 08 (50,000 - 74,999 pounds)
Avg Amt: 30000 pounds Avg Daily Amt code: 07 (25,000 - 49,999 pounds)
Max quantity in largest container: 30000 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Tank inside building Pressure: Ambient pressure Temp: Ambient temperature Location: admin. basement Amount: 4000 gallons
Container Type: Tank inside building Pressure: Ambient pressure Temp: Ambient temperature Location: admin. basement Amount: 4000 gallons
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:
Mode of Shipment:
[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

CHEM NAME: Emulsion Polymer
CAS: 69418-26-4
[ ] Identical to previous year
[ ] TRADE SECRET
[ ] Pure [x] Mix [ ] Solid [x] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds
Max Amt: 17000 pounds Max Daily Amt code: 06 (10,000 - 24,999 pounds)
Avg Amt: 9000 pounds Avg Daily Amt code: 05 (5,000 - 9,999 pounds)
Max quantity in largest container: 16680 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Tank inside building Pressure: Ambient pressure Temp: Ambient temperature Location: east of plant across from the garage Amount: 2000 gallons
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:

Mode of Shipment:
[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

CHEM NAME: FUEL OIL, [NO. 2]
CAS: 68476-30-2
[ ] Identical to previous year
[ ] TRADE SECRET
[ ] Pure [x] Mix [ ] Solid [x] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[x] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds
Max Amt: 149600 pounds Max Daily Amt code: 10 (100,000 - 499,999 pounds)
Avg Amt: 80000 pounds Avg Daily Amt code: 09 (75,000 - 99,999 pounds)
Max quantity in largest container: 149600 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Below ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: southwest of incinerator building Amount: 20000 gallons
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Locker room basement Amount: 275 gallons
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Admin room basement Amount: 275 gallons
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Generator room Amount: 275 gallons
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:
Mode of Shipment:
[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

CHEM NAME: Mannich Polymer
CAS: 68130-63-2
[ ] Identical to previous year
[ ] TRADE SECRET

[ ] Pure [x] Mix [ ] Solid [x] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds
Max Amt: 110000 pounds Max Daily Amt code: 10 (100,000 - 499,999 pounds)
Avg Amt: 60000 pounds Avg Daily Amt code: 08 (50,000 - 74,999 pounds)
Max quantity in largest container: 55000 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Tank inside building Pressure: Ambient pressure Temp: Ambient temperature Location: press building mezzanine Amount: 6000 gallons
Container Type: Tank inside building Pressure: Ambient pressure Temp: Ambient temperature Location: press building mezzanine Amount: 6000 pounds
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:
Mode of Shipment:
[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

CHEM NAME: POTASSIUM PERMANGANATE
CAS: 7722-64-7
[ ] Identical to previous year
[ ] TRADE SECRET
[x] Pure [ ] Mix [x] Solid [ ] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[x] Fire [ ] Sudden Release of Pressure [x] Reactivity [x] Immediate (acute) [x] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds
Max Amt: 1500 pounds Max Daily Amt code: 04 (1,000 - 4,999 pounds)
Avg Amt: 750 pounds Avg Daily Amt code: 03 (500 - 999 pounds)
Max quantity in largest container: 50 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Aeration Building Amount: 2000 pounds
Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Aeration Chemical feeder building Amount: 500 pounds
Container Type: Steel Drum Pressure: Ambient pressure Temp: Ambient temperature Location: Sludge Storage chemical feder Amount: 500 pounds
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:
Mode of Shipment:

Facility Name: Naugatuck POTW

[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

CHEM NAME: soda ash
CAS: 497-19-8
[ ] Identical to previous year
[ ] TRADE SECRET
[ ] Pure [x] Mix [x] Solid [ ] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [x] Immediate (acute) [ ] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds
Max Amt: 34000 pounds Max Daily Amt code: 07 (25,000 - 49,999 pounds)
Avg Amt: 5000 pounds Avg Daily Amt code: 05 (5,000 - 9,999 pounds)
Max quantity in largest container: 2500 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Bag Pressure: Ambient pressure Temp: Ambient temperature Location: garage at SE corner of plant Amount: 10000 pounds
Container Type: Bag Pressure: Ambient pressure Temp: Ambient temperature Location: Abel pump room soda ash feeder Amount: 600 pounds
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:
Mode of Shipment:
[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

CHEM NAME: SODIUM BISULFITE
CAS: 7631-90-5
[ ] Identical to previous year
[ ] TRADE SECRET
[ ] Pure [x] Mix [ ] Solid [x] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[ ] Fire [ ] Sudden Release of Pressure [x] Reactivity [x] Immediate (acute) [ ] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds

Max Amt: 30000 pounds Max Daily Amt code: 07 (25,000 - 49,999 pounds)
Avg Amt: 15000 pounds Avg Daily Amt code: 06 (10,000 - 24,999 pounds)
Max quantity in largest container: 30000 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Tank inside building Pressure: Ambient pressure Temp: Ambient temperature Location: garage east side of plant Amount: 4000 gallons
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:
Mode of Shipment:
[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

CHEM NAME: SODIUM HYPOCHLORITE
CAS: 7681-52-9
[ ] Identical to previous year
[ ] TRADE SECRET
[ ] Pure [x] Mix [ ] Solid [x] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[ ] Fire [ ] Sudden Release of Pressure [x] Reactivity [x] Immediate (acute) [ ] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds
Max Amt: 60000 pounds Max Daily Amt code: 08 (50,000 - 74,999 pounds)
Avg Amt: 30000 pounds Avg Daily Amt code: 07 (25,000 - 49,999 pounds)
Max quantity in largest container: 60000 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Tank inside building Pressure: Ambient pressure Temp: Ambient temperature Location: in a garage in the middle of the plant Amount: 8000 gallons
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:
Mode of Shipment:
[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

Facility Name: Naugatuck POTW

CHEM NAME: Ultra Low Sulfur Diesel
CAS: 68476-30-2
[ ] Identical to previous year
[ ] TRADE SECRET
[ ] Pure [x] Mix [ ] Solid [x] Liquid [ ] Gas [ ] EHS
PHYSICAL & HEALTH HAZARDS:
[x] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)
INVENTORY:
[ ] Below Reporting Thresholds
Max Amt: 15,000 pounds Max Daily Amt code: 06 (10,000 - 24,999 pounds)
Avg Amt: 15000 pounds Avg Daily Amt code: 06 (10,000 - 24,999 pounds)
Max quantity in largest container: 15000 pounds
No. of days on-site: 365
STORAGE CODES & STORAGE LOCATIONS:
[ ] Confidential
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Southwest of Incinerator Building Amount: 2000 gallons
Container Type: Above ground tank Pressure: Ambient pressure Temp: Ambient temperature Location: Generator room Amount: 275 gallons
CHEMICALS IN INVENTORY STATE FIELDS:
Connecticut requests the following:
Mode of Shipment:
[ ] Trucks [ ] Tank Trucks [ ] Rail Car [ ] Tank Car [ ] Pipeline [ ] Barge [ ] Other (Specify)
Specify other:
Frequency of Shipment: per
Maximum capacity per single vessel:
Max Shipment Qty (lbs):
Ave Qty (lbs):
Physical State in Transit:
Comments (please provide both the primary and alternate routes of travel):
Carrier:

FACILITY STATE FIELDS:
No additional information is required by Connecticut

STATE / LOCAL FEES: None.

[x] I have attached a site plan
[ ] I have attached a list of site coordinate abbreviations
[ ] I have attached a description of dikes and other safeguard measures

ATTACHMENTS
Tier 2 2009 Site Plan.pdf

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 7, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

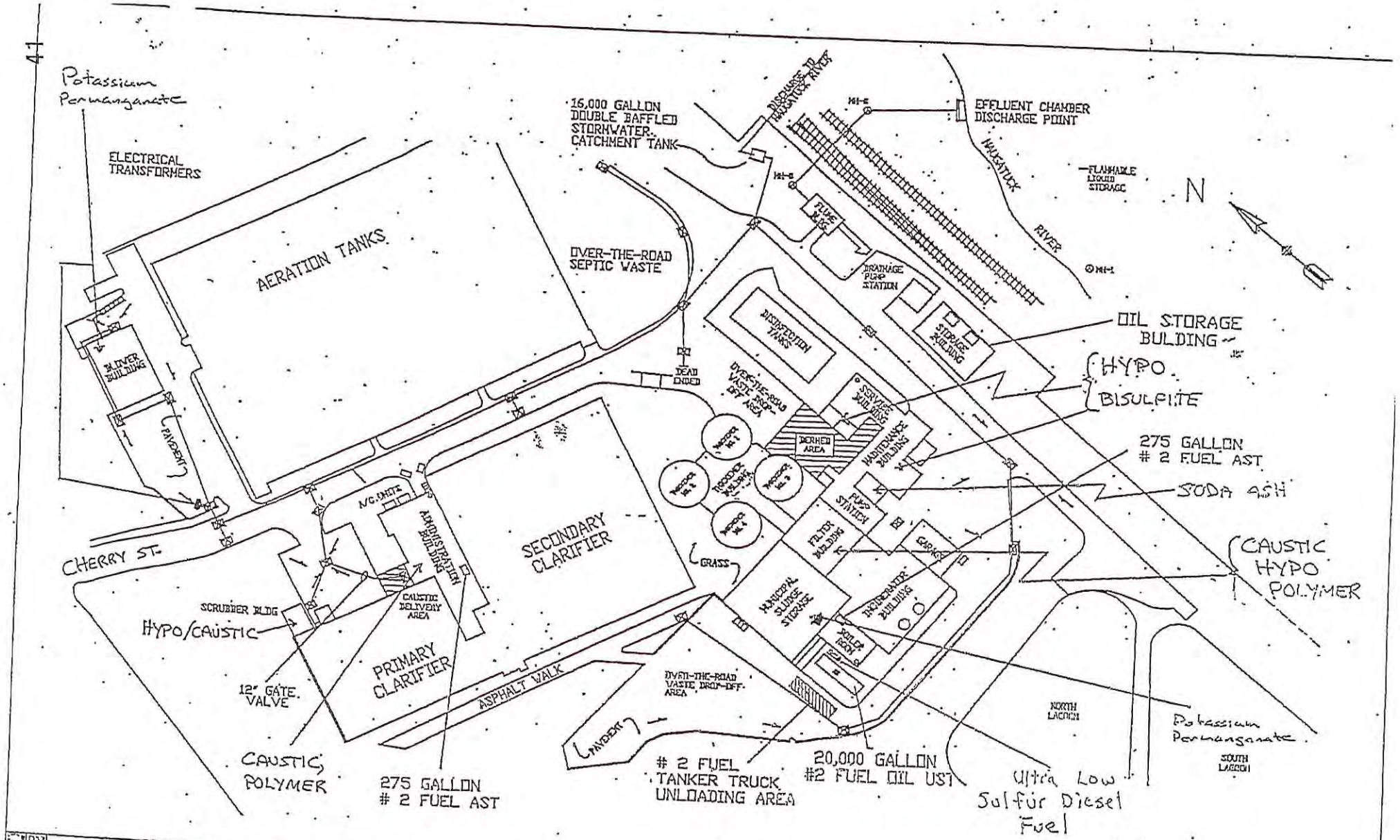
John Batorski
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

1/3/2014
Date signed

P36

------END OF VALIDATION REPORT------
-------ALL FACILITIES PASS VALIDATION CHECK.------



2021	VEOLIA WATER NAUGATUCK POTW 500 CHERRY STREET NAUGATUCK, CONNECTICUT	SPCC SITE PLAN	LEGEND PROPERTY BOUNDARY BUILDING LINE STORMWATER CATCHMENT BASIN LAGOON BOUNDARY DRAINAGE PATH DUE TO SITE TOPOGRAPHY STORMWATER FLOW PATH
	CHECKED BY: RPM REVISED BY: PJR DRAWN BY: VSN SCALE: AS SHOWN DATE: 5/1/02 REVISED: 7/22/02 REVISED: 9/13/02	ALL LOCATIONS ARE APPROXIMATE	AARON 237 SOUTH MAIN STREET PLAINVILLE, CONNECTICUT

P38

VEOLIA
WATER

Sent via certified mail on January 8, 2014 receipt # 7009 2820 0004 1018 0811

January 8, 2014

Ms. Iliana Raffa
Connecticut Department of Energy and Environmental Protection
Bureau of Water Protection
79 Elm Street
Hartford, CT 06106-5127

RE: Nitrogen Analyzer 2013 Annual Report

Dear Ms. Raffa:

The ammonia probe is operating at the Borough of Naugatuck WWTP operated by Veolia Water. The analyzers per DEEP's request are maintained by Hach through an annual service contract. The analyzers are programmed via the plant SCADA system to provide a trimming function to the existing Hach dissolved oxygen probes. Depending upon the concentrations of ammonia, the dissolved oxygen setpoints are automatically adjusted up or down by the plant SCADA system.

The system has performed relatively well during this year of operation. We continue to experience minor issues with the analyzer cell which have been addressed by Hach.

If you require additional information, please contact me.

Sincerely,
Veolia Water North America – Northeast, LLC

John Batorski
Plant Manager

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

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

VEOLIA
WATER

Sent via Certified R.R.R. Mail 7009 2820 0004 1018 0507 on December 18, 2013

December 18, 2013

Connecticut Department of Energy and Environmental Protection
Mr. John Degirolamo
Bureau of Air Management
Engineering and Enforcement Division
79 Elm Street
Hartford, CT 06106-5127

Subject: CEMS Cylinder Gas and Opacity Audit, Oct 1, 2013 to Dec 31, 2013.

Dear Mr. John Degirolamo:

Enclosed you will find a copy 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

P40

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

CEMS/COMS - 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. 4328

December 17, 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: Mike Unterweger

Michael Unterweger / Project Manager

P42

CK Environmental

TEST SUMMARY

Facility Name:	**Veolia Water North America – Northeast, LLC** 500 Cherry Street Naugatuck, Connecticut
Facility Contact:	**Veolia Water NA – Northeast, LLC** Mr. John Batorski / Plant Manager Tel. No. 203-723-1433 Email: john.batorski@veoliawaterna.com
Regulatory Agency: Contact:	**State of Connecticut** **Department of Energy and Environmental Protection** Mr. John Degirolamo / Air Pollution Control Engineer Tel. No. 203-424-3562
Testing Organization:	**CK Environmental, Inc.** 1020 Turnpike Street, Suite 8 Canton, Massachusetts 02021
Project Manager:	Mr. Michael Unterweger Tel. No. 781-828-5200 Email: munterweger@cke.us
Test Personnel:	Mr. Michael Unterweger
Unit Tested:	Sludge Incinerator Exhaust Stack
Test Date:	December 13, 2013
Report Date:	December 17, 2013

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) / Continuous Opacity Monitoring System (COMS) 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 CEMS/COMS was conducted on December 13, 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 Mr. John Batorski. Michael Unterweger of CK 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

P44

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

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 COMS 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
O_2, 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

All testing was conducted in accordance with the current regulations listed in Section 3.1 of this report. No field changes were necessary for this test program.

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 fourth quarter 2013. The CEMS oxygen and carbon monoxide CGA and opacity audit was conducted on December 13, 2013.

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.

Table 3.1 Summary of Results
Cylinder Gas Audit
FB Incinerator
Veolia Water NA - Naugatuck, CT
Naugatuck, Connecticut
4th 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	12/13/13	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	12/13/13	TECO	0-300 ppm	73.40	68.07	7.27	5.33	15.0% or 5 ppm
				169.10	165.00	2.42	4.10	15.0% or 5 ppm

Table 3.2 Summary of Results

OPACITY AUDIT CALCULATION SHEET

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

DATE: 6/21/13
AUDITOR: Mike Unterweger

Run #	Zero	Low	Mid	High
1	0.08	7.23	15.31	25.59
2	0.05	7.24	15.28	25.61
3	0.08	7.24	15.16	25.61
4	0.09	7.26	15.20	25.58
5	0.09	7.34	15.38	25.61
6 Min Avg	0.08	7.27	15.40	25.62

N	Low	Value	Delta L	Del L^2
1	**7.2**	**7.1**	**0.4**	**0.1**
2	**7.2**	**7.1**	**0.1**	**0.0**
3	**7.2**	**7.1**	**0.1**	**0.0**
4	**7.3**	**7.1**	**0.1**	**0.0**
5	**7.3**	**7.1**	**0.2**	**0.0**
Sum =			1.0	0.2
A = Sum (Delta L) ^ 2 =			0.9	
B = Sum (Delta L ^ 2) =			0.2	
N =			5.0	
(N * B) - A =			0.2	

Mean Error (ME) = (Sum Delta L / N)
ME = **0.2**

Confidence Interval (CI) = SQRT((N*B)-A)*0.2776
CI = **0.1**

Calibration Error = ABS (ME) + CI
Calibration Error (1) = **0.3**

6 Minute Average Mean Error = **0.1**

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

PATH LENGTH CORRECTION FACTOR (PLCF) =

	Actual Filter Values		Corrected Filter Values (2)
LOW CALIBRATION FILTER VALUE =	0.714	-	N/A
MID CALIBRATION FILTER VALUE =	9.83	-	7.12
HIGH CALIBRATION FILTER VALUE =	20.23	-	14.90
	32.44	-	24.42

N	Mid	Value	Delta L	Del L^2
1	**15.3**	**14.9**	**0.4**	**0.2**
2	**15.3**	**14.9**	**0.4**	**0.1**
3	**15.2**	**14.9**	**0.3**	**0.1**
4	**15.2**	**14.9**	**0.3**	**0.1**
5	**15.4**	**14.9**	**0.5**	**0.2**
Sum =			1.8	0.7
A = Sum (Delta L) ^ 2 =			3.3	
B = Sum (Delta L ^ 2) =			0.7	
N =			5.0	
(N * B) - A =			0.2	

Mean Error (ME) = (Sum Delta L / N)
ME = **0.4**

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	**25.6**	**24.4**	**1.2**	**1.4**
2	**25.6**	**24.4**	**1.2**	**1.4**
3	**25.6**	**24.4**	**1.2**	**1.4**
4	**25.6**	**24.4**	**1.2**	**1.3**
5	**25.6**	**24.4**	**1.2**	**1.4**
Sum =			5.9	6.9
A = Sum (Delta L) ^ 2 =			34.7	
B = Sum (Delta L ^ 2) =			6.9	
N =			5.0	
(N * B) - A =			0.0	

Mean Error (ME) = (Sum Delta L / N)
ME = **1.2**

Confidence Interval(CI)=SQRT((N*B)-A)*0.2776
CI = **0.0**

Calibration Error = ABS (ME) + CI
Calibration Error (1) = **1.2**

6 Minute Average Mean Error = **1.2**

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

CYLINDER GAS AUDIT DATA SHEET

Client:	Veolia Water NA - Naugatuck, CT	Test Area:	FB Incinerator
Instrument:	Siemans	Diluent:	Oxygen
Model:	Oxymat 6E	Range:	0-25%
Serial #:	7MB20211-EA000AA 1	Auditor:	Mike Unterweger
Date:	12/13/13	Quarter:	4th Qtr - 2013

LOW-RANGE AUDIT

	Audit Response 1	Audit Response 2	Audit Response 3	AVERAGE RESPONSE	CYLINDER VALUE
RESPONSE	5.4	5.4	5.4	5.4	5.46
TIME	14:55	14:59	15:04	**ACCURACY =**	**1.10**

PGVP ID# = N/A
Gas Code = N/A
Cylinder # = CC18696
Exp. Date = 3/31/2014

MID-RANGE AUDIT

	Audit Response 1	Audit Response 2	Audit Response 3	AVERAGE RESPONSE	CYLINDER VALUE
RESPONSE	10.0	10.0	10.0	10.0	10.00
TIME	14:57	15:01	15:06	**ACCURACY =**	**0.00**

PGVP ID# = N/A
Gas Code = N/A
Cylinder # = CC65870
Exp. Date = 3/31/2014

ACCURACY CALCULATION

ACCURACY = ((Cm - Ca) / Ca) * 100

where: Cm = Analyzer Response during audit (units of standard or concentration)
Ca = Average Audit Value (the calibration gas cylinder concentration)

P50

CYLINDER GAS AUDIT DATA SHEET

Client:	Veolia Water NA - Naugatuck, CT	Test Area:	FB Incinerator
Instrument:	TECO	Pollutant:	Carbon Monoxide
Model:	48C	Range:	0-300 ppm
Serial #:	480-74304-376	Auditor:	Mike Unterweger
Date:	12/13/13	Quarter:	4th Qtr - 2013

LOW-RANGE AUDIT

	Audit Response 1	Audit Response 2	Audit Response 3	AVERAGE RESPONSE	CYLINDER VALUE
RESPONSE	67.4	63.9	72.9	68.1	73.40
TIME	14:55	15:00	15:04	**ACCURACY =**	**7.27**

PGVP ID# = N/A
Gas Code = N/A
Cylinder # = CC18696
Exp. Date = 3/31/2014

MID-RANGE AUDIT

	Audit Response 1	Audit Response 2	Audit Response 3	AVERAGE RESPONSE	CYLINDER VALUE
RESPONSE	166.6	167.4	161.0	165.0	169.10
TIME	14:57	15:02	15:06	**ACCURACY =**	**2.42**

PGVP ID# = N/A
Gas Code = N/A
Cylinder # = CC65870
Exp. Date = 3/31/2014

ACCURACY CALCULATION

ACCURACY = ((Cm - Ca) / Ca) * 100

where: Cm = Analyzer Response during audit (units of standard or concentration)
Ca = Average Audit Value (the calibration gas cylinder concentration)

VEOLIA
WATER

Sent via Certified R.R.R. Mail # 7009 2820 0004 1018 0538 on Jan. 6, 2014

January 6, 2014

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

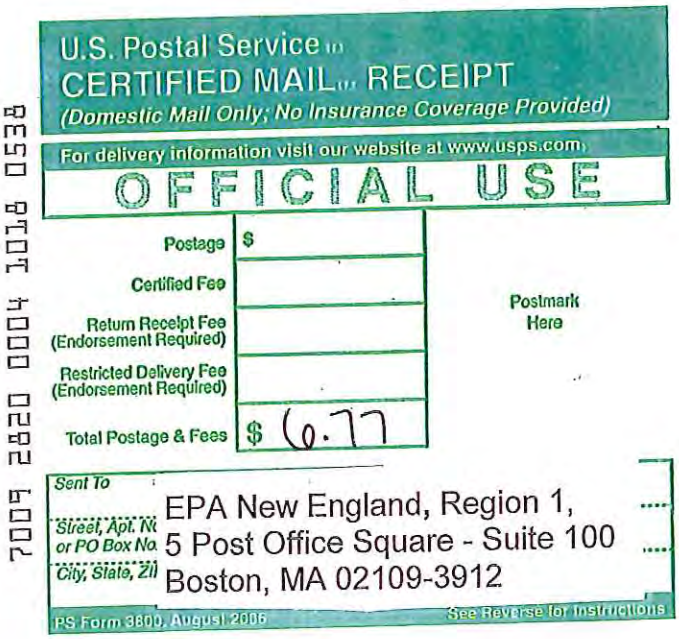
Dear Sir/Madam:

Enclosed please find the Title V Semi-Annual EPA Summary Report for the second half of calendar year 2013.

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

Sincerely,

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

P52

EPA SUMMARY REPORT

POLLUTANT: O2-D
SOURCE: FB Incinerator

DATE CREATED: 01/06/2014 @ 10:57
PERIOD: 07/01/13 - 12/31/13

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

EMISSION LIMITATION: 13.5 (%) LIMIT

MONITOR MANUF / MODEL #: Rosemount

LATEST CMS AUDIT: 6/15/2012

PROCESS UNIT(S) DESC: EMU 52

Total source operating time in reporting period: 4157.00hours

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	3.10	a. Monitor equipment malfunctions	2.00
b. Control equipment problems	0.00	b. Non-monitor equipment malfunctions	0.00
c. Process problems	0.00	c. Quality assurance calibration	17.00
d. Other known causes	0.00	d. Other known causes	80.12
e. Unknown causes	5.28	e. Unknown causes	0.00
2. Total duration of excess emissions	8.38	2. Total CMS Downtime	99.12
3. % of source operating time (2)	0.2%	3. % of source operating time (2)	2.4%

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: 1-6-14

P53

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 01/06/2014 @ 10:59
PERIOD: 07/01/13 - 12/31/13
SOURCE: FB Incinerator

CMS DOWNTIME: O2-D

DATE	HOUR	DURATION	CODE	EXPLANATION
07/01/13	08	0.12	13	PROCESS DOWN
07/01/13	09	0.63	13	PROCESS DOWN
07/01/13	16	1.00	20	CORRECTIVE MAINTENANCE
07/01/13	17	1.00	20	CORRECTIVE MAINTENANCE
07/07/13	16	0.67	13	PROCESS DOWN
07/07/13	17	0.72	13	PROCESS DOWN
07/09/13	07	0.72	13	PROCESS DOWN
07/09/13	12	0.13	13	PROCESS DOWN
07/12/13	07	1.00	20	CORRECTIVE MAINTENANCE
07/12/13	08	1.00	20	CORRECTIVE MAINTENANCE
07/26/13	07	1.00	20	CORRECTIVE MAINTENANCE
07/26/13	08	1.00	20	CORRECTIVE MAINTENANCE
07/29/13	13	0.38	13	PROCESS DOWN
08/04/13	02	0.38	13	PROCESS DOWN
08/04/13	07	0.62	13	PROCESS DOWN
08/04/13	10	0.13	13	PROCESS DOWN
08/06/13	06	0.37	13	PROCESS DOWN
08/08/13	06	1.00	14	RECALIBRATION
08/09/13	06	1.00	20	CORRECTIVE MAINTENANCE
08/09/13	07	1.00	20	CORRECTIVE MAINTENANCE
08/10/13	11	0.37	13	PROCESS DOWN
08/10/13	16	0.13	13	PROCESS DOWN
08/10/13	18	0.50	13	PROCESS DOWN
08/13/13	04	0.62	13	PROCESS DOWN
08/15/13	06	0.13	13	PROCESS DOWN
08/17/13	10	0.12	13	PROCESS DOWN
08/17/13	11	0.63	13	PROCESS DOWN
08/19/13	05	0.12	13	PROCESS DOWN
08/19/13	15	0.63	13	PROCESS DOWN
08/20/13	11	0.62	13	PROCESS DOWN
08/20/13	13	0.38	13	PROCESS DOWN
08/22/13	07	0.13	13	PROCESS DOWN
08/23/13	06	1.00	20	CORRECTIVE MAINTENANCE
08/23/13	07	1.00	20	CORRECTIVE MAINTENANCE
08/24/13	13	0.12	13	PROCESS DOWN
08/24/13	18	0.13	13	PROCESS DOWN
08/28/13	07	0.55	13	PROCESS DOWN
08/31/13	13	0.40	13	PROCESS DOWN
09/01/13	07	0.70	13	PROCESS DOWN
09/03/13	11	0.40	13	PROCESS DOWN
09/05/13	09	0.17	13	PROCESS DOWN
09/05/13	22	0.08	13	PROCESS DOWN
09/06/13	06	0.75	13	PROCESS DOWN
09/09/13	07	1.00	20	CORRECTIVE MAINTENANCE
09/09/13	08	1.00	20	CORRECTIVE MAINTENANCE
09/09/13	10	0.67	13	PROCESS DOWN
09/10/13	00	0.65	13	PROCESS DOWN
09/13/13	09	0.60	13	PROCESS DOWN
09/13/13	12	0.15	13	PROCESS DOWN
09/16/13	06	0.85	13	PROCESS DOWN
09/16/13	16	0.12	13	PROCESS DOWN
09/19/13	08	0.53	13	PROCESS DOWN
09/19/13	19	0.67	13	PROCESS DOWN
09/20/13	06	1.00	20	CORRECTIVE MAINTENANCE
09/20/13	07	1.00	20	CORRECTIVE MAINTENANCE
09/23/13	11	0.37	13	PROCESS DOWN
09/28/13	11	0.72	13	PROCESS DOWN
10/04/13	05	0.73	13	PROCESS DOWN
10/04/13	06	0.97	20	CORRECTIVE MAINTENANCE
10/04/13	07	1.00	20	CORRECTIVE MAINTENANCE

DRA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 01/06/2014 @ 10:59
PERIOD: 07/01/13 - 12/31/13
SOURCE: FB Incinerator

CMS DOWNTIME: O2-D

DATE	HOUR	DURATION	CODE	EXPLANATION
12/04/13	15	0.68	13	PROCESS DOWN
12/10/13	06	1.00	14	RECALIBRATION
12/10/13	09	0.63	13	PROCESS DOWN
12/12/13	23	0.35	13	PROCESS DOWN
12/13/13	09	1.00	20	CORRECTIVE MAINTENANCE
12/13/13	10	1.00	20	CORRECTIVE MAINTENANCE
12/13/13	11	1.00	20	CORRECTIVE MAINTENANCE
12/13/13	12	1.00	20	CORRECTIVE MAINTENANCE
12/13/13	13	1.00	20	CORRECTIVE MAINTENANCE
12/13/13	14	1.00	20	CORRECTIVE MAINTENANCE
12/14/13	16	0.52	13	PROCESS DOWN
12/14/13	22	0.68	13	PROCESS DOWN
12/15/13	04	0.52	13	PROCESS DOWN
12/15/13	06	0.07	13	PROCESS DOWN
12/15/13	10	0.20	13	PROCESS DOWN
12/15/13	12	0.33	13	PROCESS DOWN
12/15/13	13	0.12	13	PROCESS DOWN
12/15/13	16	0.07	13	PROCESS DOWN
12/16/13	20	0.57	13	PROCESS DOWN
12/16/13	22	0.68	13	PROCESS DOWN
12/18/13	06	1.00	14	RECALIBRATION
12/19/13	08	0.13	13	PROCESS DOWN
12/20/13	07	1.00	20	CORRECTIVE MAINTENANCE
12/20/13	08	1.00	20	CORRECTIVE MAINTENANCE
12/20/13	09	1.00	20	CORRECTIVE MAINTENANCE
12/20/13	12	0.75	13	PROCESS DOWN
12/23/13	06	1.00	14	RECALIBRATION
12/23/13	07	1.00	12	EXCESS DRIFT ANCILLARY MONITOR
12/23/13	08	1.00	12	EXCESS DRIFT ANCILLARY MONITOR
12/24/13	07	1.00	20	CORRECTIVE MAINTENANCE
12/24/13	08	1.00	14	RECALIBRATION
12/25/13	07	0.63	13	PROCESS DOWN
12/29/13	18	0.07	13	PROCESS DOWN
12/30/13	06	0.42	13	PROCESS DOWN
12/30/13	12	0.10	13	PROCESS DOWN

P55

EPA SUMMARY REPORT

POLLUTANT: OVERALL DP
SOURCE: FB Incinerator

DATE CREATED: 01/06/2014 @ 11:41
PERIOD: 07/01/13 - 12/31/13

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

EMISSION LIMITATION: 8.0 ("wc) LIMIT

MONITOR MANUF / MODEL #: Rosemount

LATEST CMS AUDIT: 11/04/2013

PROCESS UNIT(S) DESC: EMU 52

Total source operating time in reporting period: 4157.00hours

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	7.63	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	5.18
e. Unknown causes	8.73	e. Unknown causes	0.00
2. Total duration of excess emissions	16.37	2. Total CMS Downtime	5.18
3. % of source operating time (2)	0.4%	3. % of source operating time (2)	0.1%

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: 1-6-14

EPA SUMMARY REPORT

COMPANY NAME: VEOLIA WATER NORTH AMERICA
LOCATION: Naugatuck, CT
DATE CREATED: 01/06/2014 @ 11:43
PERIOD: 07/01/13 - 12/31/13
SOURCE: FB Incinerator

CMS DOWNTIME: OVERALL DP

DATE	HOUR	DURATION	CODE	EXPLANATION
10/18/13	07	1.00	13	PROCESS DOWN
10/18/13	08	1.00	13	PROCESS DOWN
10/18/13	09	0.72	13	PROCESS DOWN
10/18/13	10	0.38	13	PROCESS DOWN
10/18/13	11	1.00	13	PROCESS DOWN
10/18/13	12	1.00	13	PROCESS DOWN
10/18/13	13	0.08	13	PROCESS DOWN

VEOLIA
WATER

Sent Certified R.R.R. mail #7009 2820 0004 1018 0514 on December 31, 2013

Water Technical Unit
US EPA
Marie J. McDonald
Environmental Protection Specialist
Mail-Code SMR-04
5 Post Office Square - Suite 100
Boston, MA 02109-3912

December 31, 2013

Re: 2013 Sludge DMR

Dear: Ms. Marie J. McDonald,

Enclosed please find the 2013 DMR report for the Borough of Naugatuck, CT. 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: 2013 Discharge Monitoring Report

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P58

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2013	01/31/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	3.50	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	51.6	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	35.4	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	45.80	mg/kg			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	1.85	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski, Plant Manager	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.	John Batorski	203-723-1433		12-21-13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

Form Approved
OMB No. 2040-0004

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
02/01/2013	02/28/2013

DMR Mailing ZIP CODE: 06770
MINOR
SLUDGE INCINERATOR
Other
No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	2.60	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Beryllium, sludge, tot. dry wt (as Be)	SAMPLE MEASUREMENT	******	******	******	******	******	< 0.45	mg/kg			
61524 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	44.9	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	20.6	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Mercury, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	0.79	mg/kg			
78471 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	30.10	mg/kg			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batoski Plant Manager	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.	John Batoski	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

EPA Form 3320-1 (Rev.01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P60

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
02/01/2013	02/28/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	1.63	mg kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski, Plant Manager	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.	John Batorski	203-723-1433		12/2/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
03/01/2013	03/31/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Beryllium, total recoverable (as Be)	SAMPLE MEASUREMENT	******	< 0.47	mg/kg	******	******	******	******			
	PERMIT REQUIREMENT	******	10 DAILY MX	g/d	******	******	******	******		Quarterly	CALCTD
00998 SL 0 Sludge											
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
39942 SL 0 Sludge											
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	2.30	mg/kg			
	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
61521 SL 0 Sludge											
Mercury, total recoverable	SAMPLE MEASUREMENT	******	0.60	mg/kg	******	******	******	******			
	PERMIT REQUIREMENT	******	3200 DAILY MX	g/d	******	******	******	******		Quarterly	CALCTD
71901 SL 0 Sludge											
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	45.3	mg/kg			
	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
78468 SL 0 Sludge											
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	24.3	mg/kg			
	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
78469 SL 0 Sludge											
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	35.70	mg/kg			
	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB
78473 SL 0 Sludge											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski, Plant Manager	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.	John Batorski	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

06

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P62

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
03/01/2013	03/31/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	1.47	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski, Plant Manager	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.	John Batorski	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
04/01/2013	04/30/2013

DMR Mailing ZIP CODE: 06770
MINOR
SLUDGE INCINERATOR
Other
No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	3.00	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Beryllium, sludge, tot. dry wt (as Be)	SAMPLE MEASUREMENT	******	******	******	******	******	<0.35	mg/kg			
61524 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	44.7	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	31.8	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Mercury, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	0.57	mg/kg			
78471 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	61.10	mg/kg			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski, Plant Manager	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.	John Batorski	203-723-1433		12/1/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

EPA Form 3320-1 (Rev.01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P64

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

PERMIT NUMBER	DISCHARGE NUMBER
CTL000002	SL1-A

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
04/01/2013	04/30/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	1.85	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski, Plant Manager	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.	John Batorski	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
05/01/2013	05/31/2013

DMR Mailing ZIP CODE: 06770
MINOR
SLUDGE INCINERATOR
Other
No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	2.50	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	43.8	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	30.2	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	65.50	mg/kg			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	1.87	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Bartorski Plant Manager	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.	John Bartorski	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

DSS

EPA Form 3320-1 (Rev.01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P66

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-B
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
06/01/2013	06/30/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR # 2
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Beryllium, total recoverable (as Be)	SAMPLE MEASUREMENT	******	< 0.40	mg/kg	******	******	******	******			
00998 SL 0 Sludge	PERMIT REQUIREMENT	******	10 DAILY MX	g/d	******	******	******	******		Quarterly	CALCTD
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	2.50	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Beryllium, sludge, tot. dry wt (as Be)	SAMPLE MEASUREMENT	******	******	******	******	******	< 0.40	mg/kg			
61524 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Mercury, total recoverable	SAMPLE MEASUREMENT	******	0.18	mg/kg	******	******	******	******			
71901 SL 0 Sludge	PERMIT REQUIREMENT	******	3200 DAILY MX	g/d	******	******	******	******		Quarterly	CALCTD
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	43.3	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	19.0	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorcle, Plant Manager	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.	John B	203-723-1433		12/4/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

PERMIT NUMBER	DISCHARGE NUMBER
CTL000002	SL1-A

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2013	07/31/2013

DMR Mailing ZIP CODE: 06770
MINOR
SLUDGE INCINERATOR
Other
No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	4.2	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	65.9	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	27.3	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	55.9	mg/kg			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	2.75	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Bartarski, Plant Manager	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.	John Bartarski	203-723-1433		12/21/12
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

PSZ

EPA Form 3320-1 (Rev.01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P68

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
08/01/2013	08/31/2013

DMR Mailing ZIP CODE: 06770
MINOR
SLUDGE INCINERATOR
Other
No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	5.0	MG/KG			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Beryllium, sludge, tot. dry wt (as Be)	SAMPLE MEASUREMENT	******	******	******	******	******	< 0.39	MG/KG			
61524 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	51.4	MG/KG			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	17.6	MG/KG			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Mercury, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	0.76	MG/KG			
78471 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	41.6	MG/KG			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batarski Plant Manager	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.	John Batarski	203	723-1433	12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
08/01/2013	08/31/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	1.67	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Barteski, Plant Manager	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.	John Barteski SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	203-723-1433		12/21/13
TYPED OR PRINTED			AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

P69

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P70

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

PERMIT NUMBER	DISCHARGE NUMBER
CTL000002	SL1-A

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
09/01/2013	09/30/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Beryllium, total recoverable (as Be)	SAMPLE MEASUREMENT	******	20.45	mg/kg	******	******	******	******			
00998 SL 0 Sludge	PERMIT REQUIREMENT	******	10 DAILY MX	g/d	******	******	******	******		Quarterly	CALCTD
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	3.0	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Mercury, total recoverable	SAMPLE MEASUREMENT	******	1.12	mg/kg	******	******	******	******			
71901 SL 0 Sludge	PERMIT REQUIREMENT	******	3200 DAILY MX	g/d	******	******	******	******		Quarterly	CALCTD
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	59.5	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	24.1	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	39.7	mg/kg			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batarski, Plant Manager	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.	John Batarski	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
09/01/2013	09/30/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	1.94	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Barborski Plant Manager	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.	John Barborski	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

P71

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P72

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/01/2013	10/31/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	3.6	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Beryllium, sludge, tot. dry wt (as Be)	SAMPLE MEASUREMENT	******	******	******	******	******	<0.42	mg/kg			
61524 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	49.6	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	23.7	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Mercury, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	1.06	mg/kg			
78471 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	40.9	mg/kg			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski: Plant Manager	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.	John Batorski	203-723-1433		12/2/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/01/2013	10/31/2013

DMR Mailing ZIP CODE: 06770
MINOR
SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	2.24	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski, Plant Manager	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.	John Batorski	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

P73

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P74

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
11/01/2013	11/30/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	4.4	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	31.5	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	21.1	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	32.6	mg/kg			
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	1.69	mg/kg			
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	172 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski Plant Manager	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.	John Batorski	203-723-1437		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
12/01/2013	12/31/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Beryllium, total recoverable (as Be)	SAMPLE MEASUREMENT	******	<0.42	mg/kg	******	******	******	******			
00998 SL 0 Sludge	PERMIT REQUIREMENT	******	10 DAILY MX	g/d	******	******	******	******		Quarterly	CALCTD
Hydrocarbons, aromatic	SAMPLE MEASUREMENT	******	******	******	******		******				
39942 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	100 MO AVG	******	ppm		Continuous	RCORDR
Arsenic, sludge tot. dry wt (as As)	SAMPLE MEASUREMENT	******	******	******	******	******	1.1	mg/kg			
61521 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	38 DAILY MX	mg/kg		Monthly	GRAB
Beryllium, sludge, tot. dry wt (as Be)	SAMPLE MEASUREMENT	******	******	******	******	******	<0.42	mg/kg			
61524 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
Mercury, total recoverable	SAMPLE MEASUREMENT	******	0.68	mg/kg	******	******	******	******			
71901 SL 0 Sludge	PERMIT REQUIREMENT	******	3200 DAILY MX	g/d	******	******	******	******		Quarterly	CALCTD
Lead, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	40.3	mg/kg			
78468 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1539 DAILY MX	mg/kg		Monthly	GRAB
Nickel, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	20.2	mg/kg			
78469 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	83934 DAILY MX	mg/kg		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batarelai, Plant Manager	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.	John Batarelai	203-723-1433		12/21/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

P75

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

P76

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: NAUGATUCK TREATMENT CO
ADDRESS: 500 CHERRY ST
NAUGATUCK, CT 06770
FACILITY: NAUGATUCK TREATMENT CO
LOCATION: 500 CHERRY ST
NAUGATUCK, CT 06770
ATTN: ROBERT LAMBALOT, PLANT ENGR

CTL000002	SL1-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
12/01/2013	12/31/2013

DMR Mailing ZIP CODE: 06770
MINOR

SLUDGE INCINERATOR
Other

No Discharge ☐

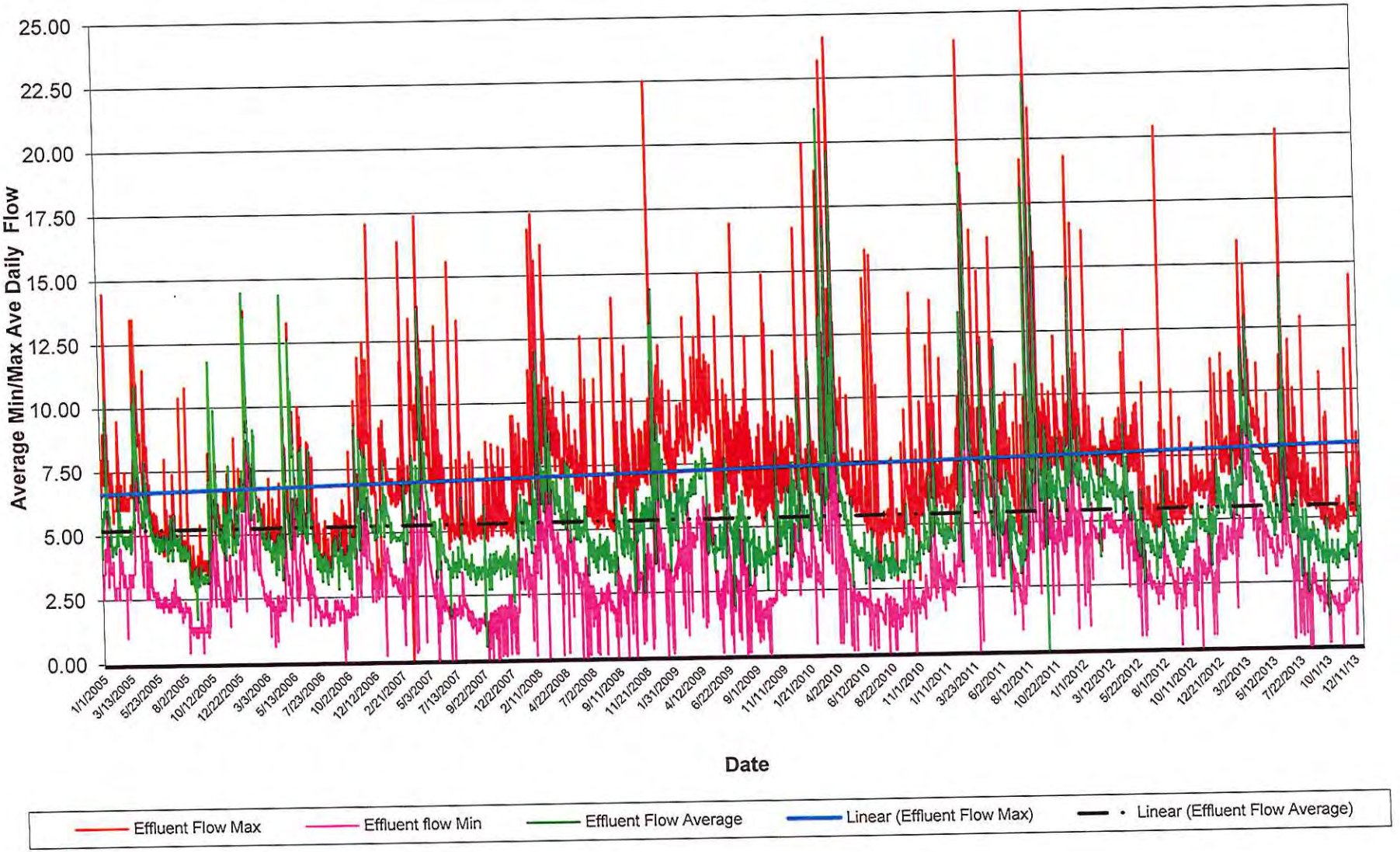
PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Mercury, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******					
78471 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	0.68	mg/kg			
Chromium, dry weight	SAMPLE MEASUREMENT	******	******	******	******	******	Req. Mon. DAILY MX	mg/kg		Once Every 2 Months	GRAB
78473 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	36.4	mg/kg			
Cadmium, sludge, tot dry weight (as Cd)	SAMPLE MEASUREMENT	******	******	******	******	******	387 DAILY MX	mg/kg		Monthly	GRAB
78476 SL 0 Sludge	PERMIT REQUIREMENT	******	******	******	******	******	1.50	mg/kg			
							172 DAILY MX	mg/kg		Monthly	GRAB

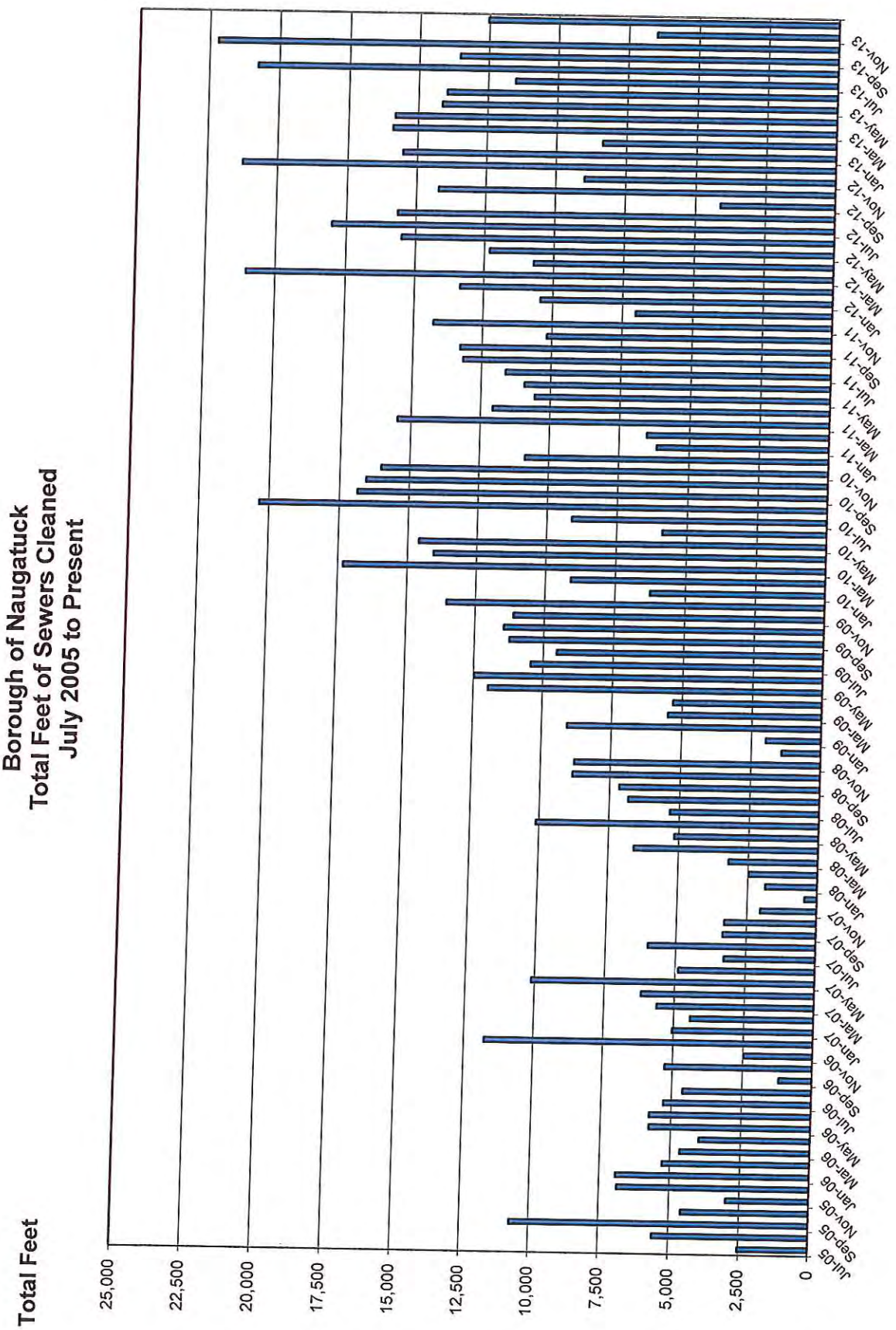
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
John Batorski, Plant Manager	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate 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.	John Batorski	203-723-1433		12/27/13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING FOR ARSENIC, CADMIUM, CHROMIUM, LEAD AND NICKEL REQUIRED ONCE PER MONTH. MONITORING FORBERYLLIUM AND MERCURY REQUIRED DURING FEBRUARY, APRIL, JUNE AUGUST, OCTOBER AND DECEMBER. REFER TO PERMITISSUED OCTOBER 14, 1994 FOR FURTHER REQUIREMENTS.

Naugatuck WPCF Daily Min/Max/Total Flow Data
2005 to Present




Borough of Naugatuck
Total Feet of Sewers Cleaned
July 2005 to Present
Total Feet
25,000
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
May-06
Jul-06
Sep-06
Nov-06
Jan-07
Mar-07
May-07
Jul-07
Sep-07
Nov-07
Jan-08
Mar-08
May-08
Jul-08
Sep-08
Nov-08
Jan-09
Mar-09
May-09
Jul-09
Sep-09
Nov-09
Jan-10
Mar-10
May-10
Jul-10
Sep-10
Nov-10
Jan-11
Mar-11
May-11
Jul-11
Sep-11
Nov-11
Jan-12
Mar-12
May-12
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13