VEOLIA
WATER

March 10, 2014

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

Re: **February 2014 Monthly Operating Report**

Dear Mr. Merancy:

Enclosed please find Veolia Water's Monthly Operating Report for the month of February 2014.

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

Sincerely,
Veolia Water North America – Northeast, LLC

John Batorski
Plant Manager
Veolia Water Naugatuck

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

(enclosure)

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

Borough of Naugatuck
Monthly WPCF Report February 2014

This report summarizes the activities at the Borough POTW for February 2014:

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.	-	184
Effluent Avg.	30	5
Removal Efficiency	85%	97%
Plant Process Data*	**Limit**	**Actual**
Carbonaceous BOD		
Influent Avg.	-	125
Effluent Avg.	30	4
Removal Efficiency	85%	97%

Discharge Permit Exceedance: None

	Naugatuck	Middlebury	Oxford	OTR
Feb Flow Avg. (MGD)	5.0	0.531	*	N/A
Sludge Liquid Total (MGal)				3678.0
Sludge Cake Total (Wet Tons)				5361.7
Septage Total (MGal)	8,250	11,000	36,000	132,950

Discharge Permit Exceedance: None

**Flow unavailable at time or report*

Safety Incidents and Odor Complaints

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

1. **Compliance & Regulatory Issues**
   - **a.** There was one recorded Odor Complaint for February 2014.
   - **b.** No update regarding the proposed NPDES permit.
   - **c.** An NOV was received from the state Boiler inspector. The NOV was for some high temperature shutoff controls. These boilers have been previously inspected and have never been cited before. Repairs will be scheduled.
2. **Personnel**
   - **a.** Suzanne Benoit was hired as Asst Admin and started Feb 17, 2014.
   - **b.** Arnold Bentley (licensed electrician) was hired effective Feb 3, 2014.
3. **.Health & Safety**
   - **a.** Annual Respirator fit testing/ training was held on Feb 24, 2014.
4. **Operational Information**
   - **a.** New packing and a new support grating was installed for the primary tank odor scrubber.

b. A lease vehicle requisition was approved for a truck to be used for sanding and plowing. The truck should arrive in March 2014.

c. Two new RAS pumps were installed replacing original RAS pumps that have operated since 1976.

d. Incinerator fuel consumption was high again this month. Frozen cake loads and wet merchant cake were the major reasons. Abnormal cold weather (building heating costs) caused an increase in fuel oil consumption as well.

5. Collections

a. Collections personnel will have their own work area now that the maintenance shop has been organized.

b. The natural gas pressure regulator was replaced for the emergency generator at the Inwood pump station.

c. The transfer switch failed at the Platts Mill pump station. The issue was attributed to a low voltage issue with the incoming power. CL&P was contacted as there was a phase issue with the incoming power.

d. There was a sewer backup in the Beacon Falls section of the sewer. A crack in the sewer caused a backup. The road will be excavated for repairs as soon as possible. The sewer was cleaned however the crack must be repaired.

6. Maintenance

a. Maintenance Shop organization is about 98% complete. All of the staff has relocated to the shop.

b. Parts for the #3 raw sewage pump installation are onsite. The pump is expected to arrive in early March 2014. Installation will follow.

c. Critical spare Abel pump parts have been ordered (cake feed side).

d. The hot oil duct spray actuator was replaced.

e. The soda ash feeder was rebuilt.

f. Additional insulation was installed on the discharge piping from the new aeration blowers.

g. The pressure regulator was replaced on the fluidizing blower control valve.

h. An oiler was installed on the thermal dryer main bearing.

6. **Capital Projects**

No report.

Borough of Naugatuck
Collections Systems Report
February 2014

VEOLIA WATER

	Calls for Service
1	07 Lincoln st 02/04/14
2	15 stanley st 02/06/14
3	59 Auburn st 02/07/14 main line was clear
4	41 Summerfield st 02/11/14
5	92 Phyllis dr 02/25/14 main line was clear
6	

This Month	Year to Date
5	18

	Calls Caused By Collection System	Reason
1	07 Lincoln st 02/04/14	broken M/H ring in invert obstructing flow
2	15 Stanley st 02/06/14	root ball clogged invert outlet of M/H 7-267
3	41 Summerfield st 02/11/14	seperated pipe and grease build up
4		

High Velocity Cleaning

	Street Name	Date	Footage
1	Auburn st. 10-163 to 10-164	2/4/2014	400
2	Woodbine st. 7-267 to 7-266	2/6/2014	250
3	Auburn st. 10-163 to 10-164	2/7/2014	400
4	Golden Hill st. 7-259 to 7-93	2/10/2014	400
5	Woodbine st. 7-270 to 7-267	2/10/2014	450
6	Stanley st. 7-272 to 7-266	2/10/2014	400
7	Summerfield st. 15-40 to 15-39	2/11/2014	125
8	Pleasant st. 12-15 to 12-14	2/19/2014	200
9	Pleasant st. 12-14 to 12-13	2/19/2014	440
10	Sharon st. End to 12-11	2/19/2014	350
11	Sharon st. 9-221 to 12-11	2/19/2014	275
12	Lewis st. 9-238 to 9-222	2/20/2014	130
13	Lewis st. 9-236 to 9-222	2/20/2014	375
14	Spencer st. 9-222 to 9-223	2/20/2014	260
15	Spencer st. 9-221 to 9-222	2/20/2014	550
16	Spencer st. 12-17 to 12-4	2/20/2014	400
17	Phyllis dr. 6-142 to 6-140	2/25/2014	525
18	Manner. 9-39 to 9-82A	2/26/2014	695
19	Russel. 9-83 to 9-80	2/26/2014	175
20	Nixxon. 9-38 to 9-77	2/26/2014	535
21	Lewis st. 9-38 to 9-39	2/26/2014	185
22	Lewis st. 9-39 to 9-40	2/26/2014	225
23			
24			
25			
26			
27			
28			
29			
30			
51			1

6 month list
Call for service

This Month		Year to Date	
7746	Feet	106209	Feet

Root Treatment

	Street Name	Type	Footage
1			
2			
3			1

This Month		Year to Date	
1	Feet	4685	Feet

Video Inspections

	Street Name	Type	Footage
1	2/7/14 auburn st 10-163 to 10-164	cctv	200
2	2/12/14 summerfield st 15-39 to 15-40	cctv	50
3			
4			
5			1

This Month		Year to Date	
251	Feet	4484	Feet

Pump Station Services

	Work performed	Location	Date	Notes
1	pump Station Services	all 5	2/7/2014	
2	Pump Station Services	all 5	2/14/2014	
3	Pump Station Services	all 5	2/24/2014	draw down test all 5
4	Pump Station Services	all 5	2/28/2014	repaired inwood generator,repair pump discharge
5				
6				
7				

PUMP RUN TIMES		HOURS		
STATION		Pump 1	Pump 2	Pump 3
Inwood	End Reading	529.1	2296	2509.2
	Start Reading	518.5	2282.4	2373
	Hrs Run	10.6	13.6	136.2

PUMP RUN TIMES		HOURS		
STATION		Pump 1	Pump 2	Pump 3
MAPLE & MAY	End Reading	32223.3	O/S	N/A
	Start Reading	32139.5	O/S	N/A
	Hrs Run	83.8	#VALUE!	

PUMP RUN TIMES		HOURS		
STATION		Pump 1	Pump 2	Pump 3
Platts Mill	End Reading	3280.7	3968.8	N/A
	Start Reading	3169.2	3831.4	N/A
	Hrs Run	111.5	137.4	

PUMP RUN TIMES		HOURS		
STATION		Pump 1	Pump 2	Pump 3
Hopbrook	End Reading	903	627.1	N/A
	Start Reading	890.4	620.9	N/A
	Hrs Run	12.6	6.2	

PUMP RUN TIMES		HOURS		
STATION		Pump 1	Pump 2	Pump 3
HORTON HILL	End Reading	6844.1	8890.2	N/A
	Start Reading	6727.6	8739.8	N/A
	Hrs Run	116.5	150.4	

Vac Truck Information

Days out of the plant working		
This Month	YTD	Remaining
10	112	38

Fuel Information	Fuel Cost	Fuel Used			
	$317.83	70.0	Gallons	YTD Gallons	
	$181.70	40.0	Gallons	859.9	Gallons
			Gallons		
			Gallons	YTD Fuel Cost	
This Months Total	$499.53	110.1	Gallons	$3,806.29	

	Mileage		Engine Hours
Month Start	171336.5	Month Start	4810.8
Month End	171810.5	Month End	4840
Total	474	Total	29.2

Utility Truck Information	Fuel Cost	Fuel Used		
	$96.10	21.17	Gallons	YTD Gallons
	$132.51	29.19	Gallons	481.54
	$130.20	28.68	Gallons	
	$135.09	29.76	Gallons	YTD Fuel Cost
	$493.90	**108.8**	Gallons	$2,078.53

Other tasks and notes

1	02/03/14 snow removal from plant
2	02/04/14 snow removal from al 5 pumpstations
3	02/05/14 snow removal from plant and stations
4	02/07/14 alarm at Inwood pumpstation for loss of power
5	02/10/14 cleaned floats at Hopbrook and Inwood, also dye tested stanley st
6	02/11/14 maintenance on vac truck
7	02/12/14 Vac out and clean Maple/May station
8	02/13/14 - 02/14/14 snow removal plant and stations
9	02/17/14 G&L jack hammered floor at Inwood - frost heeve
10	02/17/14 Platts Mill draw down
11	02/18/14 snow removal from plant and stations
12	02/19/14 G&L repair M/H on Maple Hill
13	02/19/14 call in to Inwood / Vac & clean station
14	02/21/14 Inwood station pump pedistle repair / mounted new panel
15	02/25/14 Fixed water pump fitting on vac truck
16	02/27/14 Platts Mill transfer switch repair and Inwood generator repair
17	
18	
19	
20	

VEOLIA
WATER

Sent Certified R.R.R. mail #7009 2820 0004 1018 0873 on March 7, 2014

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

March 7, 2014

Re: February 2014 Reports for Naugatuck, CT WPCF, NPDES # CT0100641

Dear Sir/Madam:

Enclosed please find the *Monthly Operating Report, and Nutrients Analysis Report* for the month of February 2014. The *Nutrients Analysis Report for Compliance with General Permit for Nitrogen Discharges and Discharge Monitoring Report* were submitted electronically. There were no exceptions to the reports.

Also enclosed is a summary of sludge sources received at this facility during the month of February 2014.

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: Feb,2014
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)

	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	7.1	3.1	5.1						2.80	0.70	166		4,619	175,152	7,500										
02	6.5	3.0	4.4						2.30	0.70	172		5,389	182,244	0										
03	6.4	2.8	5.5				5,360	90	2.40	0.60	181	0.92	4,048	196,944	2,250		170	85	<4	260	88	<5	0.0	2.9	
04	6.1	1.0	4.3				5,994	93	2.30	0.70	196	0.81	6,546	85,900	13,500								0.0	3.2	
05	6.9	3.3	5.3				6,548	91	2.50	0.70	179	0.91	6,159	173,376	0		140	110	<4	250	64	<5	0.0	3.6	
06	6.0	2.9	4.6				5,422	92	2.90	0.70	194	1.03	6,133	116,333	5,500		120	87	<4	150	64	<5	0.0	6.2	
07	5.8	2.8	4.6				5,308	94	3.90	0.50	191	1.07	8,154	161,952	9,000								0.0	13.2	
08	6.2	2.9	4.7						2.20	0.50	195		4,983	165,852	1,250										
09	8.4	2.6	4.8						2.20	0.60	195		7,701	190,800	0										
10	5.7	2.7	4.2				4,670	103	2.20	0.50	190	0.81	2,397	180,108	13,500		86	77	<4	54	48	<5	0.0	2.7	
11	5.7	2.8	4.6				5,092	101	2.50	0.60	198	0.88	2,791	169,416	17,000		100	96	<4	140	63	<5	0.0	2.1	
12	5.7	2.8	4.5				4,702	100	2.00	0.60	202	0.82	2,773	165,852	22,700		140	96	<4	210	68	<5	0.0	4.1	
13	6.5	1.0	4.9				4,792	103	2.60	0.60	193	0.79	3,696	165,852	0								0.0	3.1	
14	6.7	3.2	4.9				5,356	95	2.90	0.80	190	0.93	7,120	146,630	0								0.0	3.1	
15	6.3	2.9	4.7						2.30	0.70	198		3,560	161,472	0										
16	6.0	2.9	4.5						2.70	0.70	198		3,956	167,124	1,000										
17	6.1	2.9	5.0				4,342	101	4.10	0.60	202	0.75	2,852	173,004	12,000		190	130	<4	270	130	<5	0.0	3.3	
18	5.8	3.0	4.6				5,162	97	2.70	0.70	196	0.91	3,484	163,680	0		120	150	<4	240	110	<5	0.0	2.7	
19	6.1	3.0	4.8				5,422	92	2.70	0.60	185	0.85	5,423	170,568	7,750		150	93	<4	210	98	<5	0.0	10.1	
20	6.4	3.1	4.9				4,636	106	2.50	0.60	193	0.88	2,994	139,810	4,750								0.0	2.5	
21	6.5	3.4	5.5				4,974	112	5.00	0.70	167	0.84	2,858	172,968	13,750								0.0	3.2	
22	7.2	4.0	5.8						2.40	0.80	157		3,573	180,108	6,000										
23	7.7	4.2	5.9						2.40	0.60	147		3,751	176,532	0										
24	7.1	4.4	6.0				5,058	87	2.50	0.60	149	0.96	4,874	187,236	5,700		120	84	<4	190	110	<5	0.0	2.2	
25	6.8	4.1	5.8				4,724	86	2.40	0.70	151	1.01	3,975	180,108	10,750		100	78	<4	150	98	<5	0.0	2.2	
26	6.7	4.0	5.8				5,044	90	2.50	0.70	157	0.88	4,604	162,357	13,000		65		<4	79		<5	0.0	2.1	
27	6.7	3.8	5.2				4,580	92	5.00	0.70	155	0.94	4,772	170,568	16,300								0.0	2.2	
28	6.4	3.5	5.2				5,082	90	2.60	0.70	165	0.93	3,165	172,968	5,000								0.0	2.8	
TOT			140.1										126,351	4,654,914	188,200										
AVG	6.5	3.1	5.0				5,113	96	1.7	1.4	181	0.9	4,513	166,247	6,721		125	99	4	184	86	5	0.0	3.9	

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: 3-7-14

	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																										
03	0.00	0.00				22.8	20.8	0.13	1.07	0.67	3.5	0.140	0.1	0.02	38.7	31.2	1.87	7.4	7.4	6.7	9.5	5.3	9.8	57	69	1.65	0.25	
04	0.00	0.00																7.0	7.4	6.7				53	67			
05	0.00	0.00				22.0	22.6	0.15			3.1			<0.01			1.56	7.2	7.3	6.7	10.1		10.6	54	65			
06	0.00	0.00				21.8	19.2	0.15			4.2			<0.01			1.95	8.2	7.4	6.8				54	64			
07	0.00	0.00																8.0	7.4	6.8				54	63			
08	0.00	0.00																										
09	0.00	0.00																										
10	0.00	0.00				22.6	21.4	0.15			4.3			<0.01			1.76	7.9	7.5	6.6	11.2		11.5	56	68	1.56	0.19	
11	0.00	0.00				22.6	23.6	0.19			4.6			<0.01			2.00	7.8	7.6	6.6	11.8		11.8	53	66			
12	0.00	0.00				23.8	24.4	0.12			4.4			<0.01			2.31	8.2	7.5	6.6				53	67			
13	0.00	0.00																7.9	7.2	6.8				51	67			
14	0.00	0.00																7.6	7.3	6.7				52	66			
15	0.00	0.00																										
16	0.00	0.00																										
17	0.00	0.00				22.4	24.6	0.12			3.8			<0.01			1.83	8.1	7.5	6.8	10.8		11.3	54	64	1.35	0.28	
18	0.00	0.00				23.4	28.0	0.23			3.3			<0.01			1.71	6.9	7.4	6.5	11.1		11.8	56	65			
19	0.00	0.00				21.0	25.4	0.16			4.8			<0.01			1.99	8.5	7.4	6.7				52	64			
20	0.00	0.00																7.3	7.3	6.6				56	67			
21	0.00	0.00																7.6	7.4	6.6				55	67			
22	0.00	0.00																										
23	0.00	0.00																										
24	0.00	0.00				15.9	18.6	0.15			4.1			0.04			1.84	6.4	7.3	6.6	9.6		9.4	56	69	1.98	0.30	
25	0.00	0.00				16.6	18.6	0.19			4.9			0.02			1.87	7.2	7.2	6.6	10.4		10.6	55	67			
26	0.00	0.00				18.0		0.13			3.6			0.02			2.12	7.8	7.5	6.5				55	65			
27	0.00	0.00																7.6	7.2	6.5				54	64			
28	0.00	0.00																8.1	7.3	6.7				55	63			
TOT																												
AVG						21.1	22.5	0.16	1.1	0.7	4.0	0.1	0.1	0.02	38.7	31.2	1.90	7.6	7.4	6.6	10.6	5.3	10.8	54	66	1.63	0.26	

Nutrient Analysis Report

Town/Facility: Naugatuck WWTF Flow Rate: 5.5 MGD Sampling Date: 02/03/14

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	22.8		20.8		0.1				
Nitrites	0.14		0.14		0.02				
Nitrates	1.1		0.7		3.5				
TKN	38.7		31.2		1.9				
Total Nitrogen	39.9	1,831	32.0	1,468	5.4	248			86
Orthophosphates	2.4	111			9.5	436			
Total Phosphorus	5.3	243			9.8	448			

Permit # CT0100641

VEOLIA WATER

Naugatuck Plant Samples by Intake Forecast Summary

Sample Date Range 2/1/2014 - 2/28/2014
Forecast Date Range 3/1/2014 - 2/28/2014
Number of Forecast Days: 0

Beacon Falls Treatment	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 123,500	0	123,500
Total Samples for Beacon Falls Treatment: 19		

Bennett Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 76,500	0	76,500
Total Samples for Bennett Septic: 20		

Bill Dunn Sanitation	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 5,800	0	5,800
Total Samples for Bill Dunn Sanitation: 3		

Bill Marek Excavating & Septic Systems	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 30,000	0	30,000
Total Samples for Bill Marek Excavating & Septic Systems: 10		

Bristol	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 553.89	0	554
Total Samples for Bristol: 29		

Casella Chicopee	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 433.33	0	433
Total Samples for Casella Chicopee: 17		

Casella Glen Cove	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 251.87	0	252
Total Samples for Casella Glen Cove: 10		

Casella Suffolk NY	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 1,541.37	0	1,541
Total Samples for Casella Suffolk NY: 54		

Casella Westfield MA	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 431.76	0	432
Total Samples for Casella Westfield MA: 17		

Casella Yorktown Heights	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 59.59	0	60
Total Samples for Casella Yorktown Heights: 6		

Chatfield	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 2,400	0	2,400
Total Samples for Chatfield: 3		

Country Septic	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 13,000	0	13,000
Total Samples for Country Septic: 2		

East Coast Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 40,000	0	40,000
Total Samples for East Coast Septic: 10		

Grieger Excavating	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 7,500	0	7,500
Total Samples for Grieger Excavating: 3		

Heritage Village Water	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 30,000	0	30,000
Total Samples for Heritage Village Water: 5		

HI Stone Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 6,500	0	6,500
Total Samples for HI Stone Septic: 1		

Koseski Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 35,250	0	35,200
Total Samples for Koseski Septic: 12		

Litchfield	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 26,000	0	26,000
Total Samples for Litchfield: 4		

Lynnwood Place	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 32,500	0	32,500
Total Samples for Lynnwood Place: 5		

Mahopac Septic	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 510,000	0	510,000
Total Samples for Mahopac Septic: 85		

New England Septic	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 18,000	0	18,000
Total Samples for New England Septic: 6		

New Hartford	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 32,500	0	32,500
Total Samples for New Hartford : 5		

New Rochelle	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 1,740.72	0	1,741
Total Samples for New Rochelle: 77		

North Canaan	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 32,500	0	32,500
Total Samples for North Canaan: 5		

Pawling	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 26,000	0	26,000
Total Samples for Pawling: 4		

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

Prospect Sanitation	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 5,000	0	5,000
Total Samples for Prospect Sanitation: 2		

Rhinebeck	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 19.13	0	19
Total Samples for Rhinebeck: 2		

Stratford	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 845,000	0	845,000
Total Samples for Stratford: 130		

Superior Sanitation	Forecasted New Intake	Forecasted Total

Septage
Total Gallons: 5,500 | 0 | 5,500
Total Samples for Superior Sanitation: 3

Synagro

	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 780,000	0	780,000
Total Samples for Synagro: 120		

Talarico Septic

	Forecasted New Intake	Forecasted Total
Septage		
Total Gallons: 49,000	0	49,000
Total Samples for Talarico Septic: 13		

Thomaston

	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 39,000	0	39,000
Total Samples for Thomaston: 6		

Torrington

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

Veolia Bedford Hills

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

Veolia Danbury

	Forecasted New Intake	Forecasted Total
Cake Sludge		
Total Tons: 53.58	0	54
Total Samples for Veolia Danbury: 2		

Veolia North Haven

	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 97,500	0	97,500
Total Samples for Veolia North Haven: 15		

Veolia Poughkeepsie

	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 351,000	0	351,000
Total Samples for Veolia Poughkeepsie: 54		

Veolia Redding

	Forecasted New Intake	Forecasted Total
Liquid Sludge		
Total Gallons: 13,000	0	13,000
Total Samples for Veolia Redding: 2		

Veolia Seymour

	Forecasted New Intake	Forecasted Total
Cake Sludge		

Total Tons: 105.99	0	106
Total Samples for Veolia Seymour: 12		

VES Americas Styrenics	**Forecasted New Intake**	**Forecasted Total**
Industrial Waste Water		
Total Gallons: 11,158	0	11,200
Total Samples for VES Americas Styrenics : 2		

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

WeCare Organics	**Forecasted New Intake**	**Forecasted Total**
Cake Sludge		
Total Tons: 170.46	0	170
Total Samples for WeCare Organics: 9		

Westport	**Forecasted New Intake**	**Forecasted Total**
Liquid Sludge		
Total Gallons: 130,000	0	130,000
Total Samples for Westport: 20		

Windham	**Forecasted New Intake**	**Forecasted Total**
Liquid Sludge		
Total Gallons: 214,500	0	214,500
Total Samples for Windham: 33		

Total Gallons for all Customers 2/1/2014 - 2/28/2014: 4,043,108	0	4,043,100
Total Tons for all Customers 2/1/2014 - 2/28/2014: 5,361.69	0	5,362
Total Samples for all Customers 2/1/2014 - 2/28/2014: 908		

Nutrient Analysis Report

For compliance with General Permit for Nitrogen Discharges

Facility Name: NAUGATUCK TREATMENT Co.
Permit Number: CT0100641

Month: Feb-14
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	2/3/2014	5.5	1.87	3.53	5.4	248
NAUGATUCK TRE	2/5/2014	5.3	1.56	3.13	4.7	208
NAUGATUCK TRE	2/6/2014	4.6	1.95	4.23	6.2	238
NAUGATUCK TRE	2/10/2014	4.2	1.76	4.27	6	210
NAUGATUCK TRE	2/11/2014	4.6	2	4.59	6.6	253
NAUGATUCK TRE	2/12/2014	4.5	2.31	4.38	6.7	251
NAUGATUCK TRE	2/17/2014	5	1.83	3.76	5.6	234
NAUGATUCK TRE	2/18/2014	4.6	1.71	3.33	5	192
NAUGATUCK TRE	2/19/2014	4.8	1.99	4.76	6.8	272
NAUGATUCK TRE	2/24/2014	6	1.84	4.11	6	300
NAUGATUCK TRE	2/25/2014	5.8	1.87	4.93	6.8	329
NAUGATUCK TRE	2/26/2014	5.8	2.12	3.66	5.8	281
					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
					0	0
				Total Pounds		3016
				Average Pounds		251.3333333

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 3-7-14