



June 3, 2016

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

Re: **May 2016 Monthly Operating Report**

Dear Mr. Merancy:

Enclosed please find Veolia Water's Monthly Operating Report for the month of May 2016.

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

Sincerely,
Veolia Water North America – Northeast, LLC

A handwritten signature in cursive script that reads "John Batorski".

John Batorski
Plant Manager
Veolia Water Naugatuck

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

(enclosure)

**Borough of Naugatuck
Monthly WPCF Report May 2016**

This report summarizes the activities at the Borough POTW for May 2016:

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.	-	484
Effluent Avg.	30	5
Removal Efficiency	85%	99%
Plant Process Data*	Limit	Actual
Carbonaceous BOD (mg/l)		
Influent Avg.	-	186
Eff Avg(Nov 1 – May 31)	25	
Eff Avg(June – Oct 31)	15	5
Removal Efficiency	85%	97%

Discharge Permit Exceedance: None

	Naugatuck	Middlebury	Oxford	OTR
May Flow Avg. (MGD)	4.8	0.511	0.048	N/A
Sludge Liquid Total (MGal)				3312.2
Sludge Cake Total (Wet Tons)				234.4
Septage Total (MGal)	51,610	53,000	174,000	663,300
Discharge Permit Exceedance: None				

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. Meetings continued with Borough and Veolia officials regarding the incinerator MACT upgrade and the Naugatuck project.
- b. EPA visited the facility on May 18, 2016 at 10 AM to review the draft compliance plan submitted by TRC.
- c. Lou Santos, CTDEEP odor inspector was on site May 24 regarding a May 20 odor complaint that occurred when cake trucks were staging and leaving the facility.

2. Odor Complaints

- a. There was one odor complaint in May as cake trucks were staging/leaving the site. To date, there has been one odor complaint this year.
- b. There were 3 odor complaints from the Gunn Town Road area not related to plant operations.

3. Personnel

- a. An operator was hired to replace the person that transferred to the Redding facility. He will start July 5, 2016.

b. The plumber position remains open and recruiting is in progress.

4. Health & Safety

a. Fire extinguisher training was presented in May.

5. Operational Information

a. The disinfection/dechlorination equipment was placed in service for the 2016 chlorination season.

b. Plant cleanup continues in areas staff was previously unable to get to as a result of the incinerator not operating.

c. Fecal and E Coli sampling continues.

6. Collections

a. No report.

7. Maintenance

a. A Spirac conveyor to load cake sludge directly from the silo should arrive June 1 and installation will take place immediately.

b. The internal recycle pump for the aeration system was rebuilt at a cost of \$38,500. This 80 HP pump was sent for repairs over 4 months ago.

8. Capital Projects

a. No report.

Borough of Naugatuck
Collections Systems Report
May 2016



Calls for Service	
1	05/03 - 528 Horton Hill Rd - Lateral problem
2	05/04 - 68 Pleasant Ave - Broken m/h ring and lid
3	05/05 - Buckingham St - Line hit during gas line dig
4	05/11 - 95 Wooster St - Back up while jetting road
5	05/12 - 320 N.Main St - Lateral problem
6	05/16 - Avenue Bar & Grill - Lateral problem
7	05/20 - 232 Millville Ave - Lateral problem
8	05/24 - 232 Millville Ave - Lateral problem
9	

This Month
8

Year to Date
48

Calls Caused By Collection System	
1	
2	
3	
4	

Reason

High Velocity Cleaning			
	Street Name	Date	Footage
1	Bowman Dr 16-14 to 16-55	5/2/2016	300
2	Gen Patton Dr 13-102 to 13-149	5/2/2016	550
3	Tawny Thrush 14-47 to 14-49	5/4/2016	600
4	Gen Patton easement 15-32 to 15-7	5/2/2016	340
5	Little River Dr 16-41 to 16-39	5/2/2016	400
6	Moonlight Cir 11-79 to no #	5/5/2016	370
7	Moonlight Cir No #s	5/5/2016	400
8	Morning Mist Rd 11-75 to no #	5/5/2016	350
9	Morning Mist easement 11-77 to 11-76	5/5/2016	300
10	Rustling Reed Rd 11-75 to 11-73	5/5/2016	625
11	Locust St 7-108A to 7-129	5/9/2016	875
12	Locust St 7-136 to 7-128	5/10/2016	200
13	Locust St 7-129 to 7-128	5/10/2016	285
14	Locust St easement 7-130 to 7-128	5/10/2016	330
15	Fairview Ln 7-138 to 7-137	5/10/2016	440
16	Sheffield Ln 7-128 to 7-137	5/10/2016	320
17	Sheffield Ln 7-137 to 7-143	5/10/2016	450
18	Sheffield Ln easement 7-140 to 7-144	5/10/2016	300
19	High St 10-150 to End	5/11/2016	440
20	Mulberry St 11-2 to 11-3	5/11/2016	300
21	Brook St 7-152 to 7-144	5/11/2016	285
22	Wooster St 7-145 to 7-138	5/11/2016	430
23	Endogen 7-254 to 7-256	5/16/2016	400
24	Mulberry St 11-16 to 11-17	5/17/2016	370
25	David St 3-126 to 3-127	5/17/2016	800
26	Eagle St 7-255 to 7-254	5/18/2016	375
27	Eagle St 7-254 downstream	5/18/2016	280
28	Golden Hill St 7-274 to 7-273	5/18/2016	120
29	Stanley St 7-272 to 7-271	5/18/2016	280
30	Stanley St 7-271 to 7-266	5/19/2016	230
31	Golden Hill St 7-273 to 7-265	5/19/2016	260
32	Albert Ave 3-51 to 7-266	5/19/2016	300
33	Woodbine 7-267 to 7-266	5/19/2016	100
34	Golden Hill St 7-265 to End	5/19/2016	400

6 month list
Call for service

35	Woodbine 7-266 to 7-263	5/19/2016	440
36	Prospect Syphon 7-99 to 7-140	5/23/2016	345
37	Woodcrest Cir 10-76 to 10-77	5/23/2016	240
38	Golden Court 7-260 to End	5/24/2016	160
39	N. Main St 7-87 to 7-260	5/24/2016	420
40	N. Main St 7-85 to 7-81	5/24/2016	705
41	High St 10-137 to 10-139	5/24/2016	275
42	N. Main St no #s	5/24/2016	260
43	N. Main St 7-286 to 7-289	5/24/2016	580
44	N. Main St 7-70A to 7-286	5/24/2016	725
45	City Hill School 7-207A to 7-207	5/25/2016	250
46	City Hill School 10-101 to 7-208	5/25/2016	440
47	City Hill School 7-208 to 7-184	5/25/2016	535
48	Coen St 10-180 to 7-245	5/25/2016	410
49	Central Ave 10-244 to 10-240	5/25/2016	200
50	Central Ave 10-244 to 10-242	5/25/2016	300
51	Central Ave 10-242 to 10-28	5/25/2016	380
52	Central Ave 10-242 to 10-28	5/26/2016	380
53	Maple St 10-29 to 10-28	5/26/2016	230
54	Spring St 2-14 to 2-14A	5/26/2016	225
55	Spring St 2-14A downstream, m/hs with no #s	5/26/2016	885
56	Spring St 2-20 to 2-14	5/26/2016	880
57	Gus St 2-22B to End	5/26/2016	300
58			
59			

This Month	Year to Date
22370 Feet	176349 Feet*

Root Treatment		
Street Name	Type	Footage
1		
2		

This Month	Year to Date
0 Feet	6742 Feet

Video Inspections		
Street Name	Type	Footage
1	Buckingham St between 6-274 and 6-202	cctv 15
2	Locust St 7-125 towards 7-108A	cctv 130
3	Locust St 7-108A towards 7-125	cctv 200
4	Lateral line Avenue Bar & Grill	cctv 50
5	Eagle St 7-252 to 7-96	cctv 75
6	Eagle St 7-254 to 7-253	cctv 150
7	Millville Ave 7-165 upstream	cctv 150
8	Central Ave 10-242 downstream	cctv 160
9		
10		

This Month	Year to Date
930 Feet	10110 Feet

Pump Station Services			
Work performed	Location	Date	Notes
1	Weekly pumpstation checks	All 5 5/6/2016	Cleaned floats
2	Weekly pumpstation checks	All 5 5/12/2016	Cleaned floats
3	Weekly pumpstation checks	All 5 5/20/2016	Cleaned floats
4	Weekly pumpstation checks	All 5 5/27/2016	Cleaned floats
5			

PUMP RUN TIMES		HOURS		
STATION		Pump 1	Pump 2	Pump 3
Inwood	End Reading	896.9	1125.1	665.2
	Start Reading	839.1	1069.9	498.4
	Hrs Run	57.8	55.2	166.8

PUMP RUN TIMES		HOURS	
STATION		Pump 1	Pump 2
MAPLE & MAY	End Reading	3968.2	3160.6
	Start Reading	3929.1	3126.6
	Hrs Run	39.1	34

PUMP RUN TIMES		HOURS		
STATION		Pump 1	Pump 2	Flow Meter
Platts Mill	End Reading	4857.9	8199.4	4767715
	Start Reading	4857.8	7999.1	4481648
	Hrs Run	0.1	200.3	286067 gal

#2 pump is lead pump
Lag pump inadequate pipe length for accurate flow readings.

PUMP RUN TIMES		HOURS	
STATION		Pump 1	Pump 2
Hopbrook	End Reading	1507.4	1034.2
	Start Reading	1489.3	1016.3
	Hrs Run	18.1	17.9

PUMP RUN TIMES		HOURS	
STATION		Pump 1	Pump 2
HORTON HILL	End Reading	9045.1	10691.9
	Start Reading	8974	10627.5
	Hrs Run	71.1	64.4

Vac Truck Information

Days out of the plant working		
This Month	YTD	Remaining
16	157	-7

Fuel Information		Fuel Cost	Fuel Used		
		\$141.89	55.0	Gallons	YTD Gallons
		\$160.00	62.0	Gallons	1645.1
				Gallons	
				Gallons	YTD Fuel Cost
This Months Total		\$301.89	117.1	Gallons	\$4,435.32

		Mileage			Engine Hours
Month Start		198026.7	Month Start		6350.6
Month End		198957.9	Month End		6412.4
Total		931.2	Total		61.8

Utility Truck information		Fuel Cost	Fuel Used		
		\$80.91	31.37	Gallons	YTD Gallons
				Gallons	555.4
				Gallons	
				Gallons	YTD Fuel Cost
Monthly Totals:		\$80.91	31.37	Gallons	\$1,279.36

Other tasks and notes	
1	5/2 - Vacuumed out and cleaned Hopbrook pumpstation - draw downs on both pumps.
2	5/3 - Inspected and fixed m/h on Rt 68 line at syphon 7-104. Picked up 2 pallets of horse bedding for cake truck water control.
3	5/4 - Picked up 2 more pallets of horse bedding.
4	5/5 - Buckingham St line repair. Line was hit during a gas line install. G&L came in and repaired line. Vac Truck was on site to
5	bypass line. Pave over was also located and excavated.
6	5/9 - Confined space entry was used to retrieve a rock out of m/h 7-104.
7	5/11 - Met with G&L and cold patched 3 lids on Rt 68, 7-99A, 7-105, and 7-106.
8	5/12 - Confined space entry in m/h 7-125 to patch hole in invert of pipe coming into m/h. Entered and applied a second coat.
9	5/13 - Maintenance went to Horton Hill pumpstation and fixed a gas leak on the generator. Brought scaffolding back to Superior.
10	5/16 - Landscaped Platts Mill and Maple Hill pumpstations. Hosed down Ash Lagoons.
11	5/17 - Hosed down Ash Lagoons.
12	5/18 - Hosed down Ash Lagoons - 2 times.
13	5/19 - Camera work done on Eagle St. Multiple roots found in line causing a surcharge.
14	5/23 - Hosed down Ash Lagoons. PM on Vac Truck was performed. Roof above ID Fan was tarred.
15	5/24 - Measured out distances at multiple areas for root control.
16	5/25 - M/h 10-242 on Central Ave was found surcharging. Jetted multiple times and camera work was done. Roots were cleared.
17	5/26 - Hosed down Ash Lagoons.
18	5/27 - Hosed down Ash Lagoons twice. Vacuumed out and cleaned Hopbrook and Inwood pumpstations wetwells.
19	
20	
21	
22	
23	
24	
25	
Non-Contractual Work	
1	5/16 - Camera work on lateral line at the Avenue Bar & Grill, 50 feet. Investigated blockage and bypassing line.
2	5/27 - Vacuumed out and cleaned Jessie Camiles grease trap.
3	



June 10, 2016

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

Re: May 2016 Reports for Naugatuck, CT WPCF, NPDES # CT0100641

Dear Mr. Merancy:

Enclosed please find the draft *Monthly Operating Report* for May 2016. Only a draft copy of the analytical report for May 30th was received at the time of this report. The *Nutrients Analysis Report for Compliance with General Permit for Nitrogen Discharges* and the *Discharge Monitoring Report* are therefore also drafts and will be submitted electronically upon receipt of the final analytical report.

If there are differences between the draft reports and final reports, the final copies will be enclosed in next month's WPCA report.

Also enclosed is a summary of sludge sources received at this facility during the Month of May 2016.

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

Sincerely,
Veolia Water North America – Northeast, LLC

A handwritten signature in black ink, appearing to read "Chris Makuch", written over a horizontal line.

Christopher Makuch
Assistant Plant Manager

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

Units	Daily Flow		Primary Sludge		Aeration Tank #1		Return Sludge		Aeration Tank #2		Return Sludge		Waste Sludge		Dry Solids to Incineration		Waste Accepted		CBOD (5-Day)					
	Max.	Min.	Vol.	% solid	MLSS	SVI	High D.O.	Low D.O.	MLSS	SVI	High D.O.	Low D.O.	% Flow	% Solids	lbs	Wk Day	lbs	Wk Day	Septic	Indust	Inf.	Prim	Final eff.	
mgd	mgd	MG	lbs.	Work Day	Work Day	Work Day	mg/l	mg/l	Work Day	Work Day	mg/l	mg/l	Work Day	Work Day	gal	Wk Day	gal	gal	gal	mg/l	mg/l	mg/l	mg/l	
1	5.9	3.1	4.7	0.532			3.0	1.0			2.3	1.3	202		0	3,937	0	0	0	150	130	<4	<4	
2	6.6	3.2	5.0	0.531	4,652	157	2.5	0.9	0.80	5,696	140	2.3	1.2	190	0.85	4,954	0	50,550	0	230			<4	<4
3	6.3	3.3	5.2	0.516	5,392	106	2.9	0.8	0.82	6,328	112	2.4	1.3	182	0.88	6,125	0	34,500	0	140			<4	<4
4	6.2	3.6	5.2	0.515	5,440	105	3.0	0.8	0.80	5,252	139	2.2	1.4	180	0.94	6,269	0	45,000	0					
5	6.0	3.4	5.0	0.515	5,324	122	5.0	0.7	0.83	5,828	134	5.0	1.1	185	0.75	5,503	0	39,890	0					
6	6.4	3.3	5.1	0.515	5,184	125	5.0	0.7	0.74	6,304	127	5.0	1.1	174	0.77	5,440	0	48,500	0					
7	7.5	3.6	5.4	0.503			5.0	0.9				5.0	1.3	169		7,934	0	13,600	0					
8	7.2	3.6	5.3	0.514			5.0	0.9				5.0	1.3	182		3,627	0	0	0	150	130	14	14	
9	6.6	3.8	5.4	0.534	4,668	141	2.7	0.8	0.68	4,944	154	2.4	1.4	174	0.73	4,233	0	45,950	0	140			<4	<4
10	6.7	3.6	5.2	0.522	4,720	150	2.7	0.8	0.67	4,848	161	2.4	1.4	183	0.75	4,690	0	43,250	0	140			<4	<4
11	6.5	3.6	5.1	0.518	4,336	150	5.0	0.2	0.73	5,144	146	5.0	1.1	185	0.80	5,512	0	31,400	0					
12	6.3	3.6	5.0	0.504	4,720	133	2.8	0.8	0.73	6,188	121	2.5	1.2	180	0.76	5,368	0	42,750	0					
13	6.0	3.5	5.0	0.409	5,200	119	2.9	1.1	0.76	5,752	129	2.5	1.2	204	0.84	5,765	0	41,750	0					
14	6.7	3.5	5.0	0.516			2.8	0.8				2.4	1.5	193		5,765	0	3,500	0					
15	6.2	3.2	4.9	0.460			5.0	0.9				5.0	1.4	197		5,765	0	0	0	99	120	<4	<4	
16	6.2	3.4	4.9	0.513	5,216	134	5.0	0.9	0.66	4,752	124	5.0	1.4	178	0.74	5,044	0	55,050	0	290			<4	<4
17	6.1	3.4	4.8	0.512	4,348	152	3.0	0.8	0.80	5,904	136	2.4	1.4	165	0.82	5,837	0	59,000	0	300			<4	<4
18	5.8	3.0	4.7	0.510	4,904	122	3.0	0.8	0.73	5,264	139	2.4	1.4	217	0.73	5,260	0	48,550	0					
19	5.9	3.2	4.7	0.479	4,236	153	3.2	0.8	0.73	5,120	117	2.5	1.2	175	0.71	5,188	0	19,500	0					
20	5.9	2.9	4.5	0.515	4,800	142	4.3	0.8	0.70	5,724	131	2.4	1.2	237	0.68	4,972	0	46,170	0					
21	5.9	3.1	4.5	0.512			5.0	0.9				5.0	1.2	171		4,972	0	7,500	0					
22	5.5	2.9	4.4	0.513			2.8	1.1				2.3	1.5	218		4,972	0	2,250	0	180	150	<4	<4	
23	6.0	3.1	4.6	0.511	4,192	146	3.6	0.9	0.69	4,808	137	2.5	1.3	231	0.65	4,828	0	42,750	0	270			<4	<4
24	6.0	3.1	4.7	0.513	4,636	138	2.7	1.0	0.60	5,448	134	2.6	1.4	191	0.78	4,972	0	37,200	0	190			<4	<4
25	6.3	2.9	4.5	0.676	4,996	112	2.8	1.0	0.60	5,256	126	2.3	1.4	205	0.79	5,008	0	47,800	0					
26	5.6	2.8	4.4	0.472	3,044	99	3.4	1.2	0.65	4,764	105	2.3	1.3	220	0.62	3,966	0	44,750	0					
27	5.4	2.9	4.4	0.513	3,700	108	2.8	0.7	0.61	5,220	115	2.4	1.3	204	0.65	3,367	0	42,000	0					
28	6.1	3.0	4.3	0.527			5.0	0.1				5.0	0.0	219		3,367	0	2,500	0					
29	2.8	5.4	4.1	0.220			5.0	0.1				3.8	0.0	216		3,367	0	0	0					
30	6.1	3.4	4.7	0.530			2.6	1.3				2.2	1.5	232		3,367	0	1,000	0	160	110	<4	<4	
31	5.9	2.8	4.6	0.530	4,964	111	2.6	1.1	0.62	4,152	123	2.4	1.2	228	0.59	3,233	0	45,250	0	170			<4	<4
Total	188.6	103.2	149.32		4,964											152,606	0	941,910	0					
Ave.	6.1	3.3	4.82	0.505	4,699	130	3.6	0.8	0.73	5,366	131	3.2	1.2	0.71	0.75	4,923	0	30,384	0	186	128	5	5	5

DRAFT *et al*

Page 3 of 4 of MOR for Naugatuck WPCF

Units	Total N		Total N D.O.	pH		Total P		Total P		Temp.	Arsenic		Copper	Nickel		Selenium			
	Inf. Eff.	Final Eff.		Inf. Eff.	Final Eff.	Inf. Eff.	Prim. Eff.	Final Eff.	Inf. Eff.		Final Eff.	Inf. Eff.		Final Eff.	Inf. Eff.	Final Eff.	Inf. Eff.	Final Eff.	
mg/l	mg/l	mg/l	mg/l	S.U.	mg/l	mg/l	lb/d	lb/d	F	mg/l	mg/l	mg/l	kg/day	kg/day	kg/day	kg/day			
Monthly	Monthly	Monthly	4/wk day	Work Day	Nov-March (Monthly) (April-October) 2/week	Nov-March (Monthly) (April-October) 2/week	Apr - Oct	Nov-March (Monthly) (April - October) 2/week	Work day	Weekly	Weekly	Mthly	Weekly	Weekly	Weekly	Weekly			
1	38.2	38.0	3.5	137		4.93	2.20	86	1.81	2.16	<0.0040	<0.004	0.007	0.09	0.16	0.09	0.02		
2	40.7		4.3	179	8.6	7.4	6.8	3.20	133	60	61								
3	30.6		4.1	178	8.4	8.6	7.0			61	62								
4					8.5	7.4	7.1			61	62								
5					8.7	7.4	7.1			61	62								
6					7.8	7.4	6.8			61	62								
7										61									
8	30.6		4.0	177				3.71	163	3.38	<0.0040	<0.004		0.08	0.18	0.10	0.02		
9	32.6		4.1	185	8.4	7.3	6.9	3.75	169	60	62								
10	32.8		4.7	204	8.5	7.4	6.9			60	63								
11					8.4	7.3	6.9			61	62								
12					8.4	6.8	6.9			61	63								
13					8.5	7.2	6.9			62	64								
14																			
15	27.7		3.2	131				3.13	128	2.94	<0.0040	<0.004		0.02	0.13	0.09	0.02		
16	45.6		4.2	172	8.5	7.7	7.1	4.81	198	4.80	61	62							
17	46.9		4.0	160	8.4	7.7	7.2			61	64								
18					8.3	7.8	7.2			62	66								
19					8.6	6.7	6.9			61	63								
20					8.6	7.3	7.0			61	64								
21																			
22	32.9		3.6	132				2.60	96	2.60	<0.0040	<0.004		0.05	0.08	0.08	0.02		
23	44.9		3.9	150	8.6	7.3	7.0	3.82	148	3.82	62	65							
24	40.2		3.4	133	8.2	7.5	7.0			62	65								
25					8.3	7.4	7.0			62	66								
26					8.3	7.3	7.0			65	67								
27					8.2	6.9	6.9			64	67								
28																			
29																			
30	30.9		3.8	149				4.30	168	4.20									
31	34.6		3.9	150	8.2	7.3	6.9	5.09	196	4.84	65	69							
Total																			
Ave.	36.4	38.0	3.9	160	8.4	7.4	7.0	4.93	3.66	148	1.81		0.0040	0.0040	0.007	0.06	0.13	0.09	0.02

DRAFT 6/10/16

Page 4 of 4 of MOR for Naugatuck WPCF

Sludge Disposal Location:
 Please return forms to:
 DEEP - Water Bureau
 ATTN: Municipal Wastewater Monitoring Coordinator

Units	Zinc		Alkalinity	
	Inf.	Eff.	Pri. Eff.	Eff.
kg/day				mg/l
Weekly				Monthly
1	3.67	1.293		
2		200	80	
3		180	70	
4		180	80	
5		180	80	
6		150	80	
7				
8	2.72	1.304		
9		160	80	
10		200	80	
11		180	70	
12		150	90	
13		160	70	
14				
15	1.65	1.160		
16		180	70	
17		200	80	
18		210	80	
19		230	80	
20		190	80	
21				
22	3.43	1.126		
23		200	70	
24		190	90	
25		200	90	
26		180	80	
27		180	70	
28				
29				
30	2.74	1.076		
31		200	80	
Total				
Ave.	2.84	1.192	186	79

Municipal Facilities
 79 Elm Street
 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:
 Christopher Makuch
 Title:
 Assistant Plant Manager
 Signature: _____
 Date: _____

DRAFT 8/10/16

May 2016 Sludge Data

Source	Gallons	Wet Tons
Americas Styrenics	6,500	
Beacon Falls	130,000	
Bedford Hills	6,500	
Bristol		62.97
Heritage Village Water	52,000	
Litchfield	65,000	
Lynwood Place	19,500	
Mahopac Sludge & Septic	96,000	
New Hartford	26,000	
North Canaan	39,000	
North Haven	117,000	
Pawling	6,500	
Plymouth	84,500	
Port Chester	143,000	
Poughkeepsie	39,000	
Redding	6,500	
Rhinebeck WPCF		19.44
Seymour Cake		151.95
Southbury	130,000	
Southbury Car Wash	6,500	
Southern CT Gas	28,000	
Southington	468,000	
Stratford	617,500	
Thomaston Treatment	71,500	
Torrington	461,500	
Westport	139,690	
Windham	552,500	
Total	3,312,190	234.36

DMR Copy of Record

Permit: CT0100641
Permit #: Yes
Major: 001 External Outfall
Permitted Feature: From 04/01/16 to 04/30/16
Report Dates & Status:
Monitoring Period:
Considerations for Form Completion

Permittee: NAUGATUCK WPCF
Permittee Address: 500 CHERRY STREET
 NAUGATUCK, CT 06770
Discharge: 001-1 SANITARY SEWAGE
DMR Due Date: 05/15/16

Facility: NAUGATUCK, BOROUGH OF
Facility Location: 500 CHERRY STREET
 NAUGATUCK, CT 06770
Status: NetDMR Validated
Telephone: 203-723-1433

Principal Executive Officer
First Name: John
Last Name: Batroski
Title: Plant Manager

Code	Parameter Name	Monitoring Location	Season #	Parent NOD	Sample	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00058	Flow rate	1 - Effluent Gross	0	-	Permit Req.	4.9	Req Mon MO AVG								9899 - Continuous	TM - TOTALZ
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample	8.2		5 INST MIN		19 - mg/L					0101 - Daily	GR - GRAB
00310	BOD, 5-day, 20 deg. C	T - See Comments	0	-	Permit Req.					4					0100 - Quarterly	CP - COMPOS
00400	pH	1 - Effluent Gross	0	-	Sample	0.8		6 INST MIN		12 - SU					0101 - Daily	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Permit Req.	5.5	30 MO AVG			11					0307 - Three Per Week	CP - COMPOS
00500	Solids, total suspended	G - Raw Sewage Influent	0	-	Permit Req.	528	Req Mon MO AVG			45 DAILY MAX					0307 - Three Per Week	CP - COMPOS
00500	Solids, total suspended	T - See Comments	0	-	Sample					5					0100 - Quarterly	CP - COMPOS
00010	Nitrogen, ammonia total [as N]	1 - Effluent Gross	4	-	Permit Req.	0.13	25 MO AVG			18 - mg/L					0307 - Three Per Week	CP - COMPOS
00010	Nitrogen, ammonia total [as N]	T - See Comments	0	-	Sample					0.08					0100 - Quarterly	CP - COMPOS
00010	Nitrogen, nitrite total [as N]	T - See Comments	0	-	Permit Req.					0.01					0100 - Quarterly	CP - COMPOS
00020	Nitrogen, nitrate total [as N]	T - See Comments	0	-	Sample					4.28					0100 - Quarterly	CP - COMPOS
00065	Phosphorus, total [as P]	T - See Comments	0	-	Permit Req.					0.01					0100 - Quarterly	CP - COMPOS
00720	Cyanide, total [as CN]	T - See Comments	0	-	Permit Req.					0.01					0100 - Quarterly	CP - COMPOS
00722	Cyanide, free [as free, to chlorination]	T - See Comments	0	-	Permit Req.					0.04					0107 - Weekly	CP - COMPOS
01002	Arsenic, total [as As]	1 - Effluent Gross	0	-	Sample					0.04					0107 - Weekly	CP - COMPOS
01002	Arsenic, total [as As]	G - Raw Sewage Influent	0	-	Permit Req.					0.04					0107 - Weekly	CP - COMPOS

DRAFT 6/10/16

Contaminant	Unit	Req	Permit	Sample	Frequency	Method	Notes	Compliance
01002 Arsenic, total [as As]	mg/L	0.004	0.004	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01002 Arsenic, total [as As]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01002 Arsenic, total [as As]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01012 Barium, total [as Ba]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01012 Barium, total [as Ba]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01027 Cadmium, total [as Cd]	mg/L	0.001	0.001	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01027 Cadmium, total [as Cd]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01032 Chromium, hexavalent [as Cr]	mg/L	0.01	0.01	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01032 Chromium, total [as Cr]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01032 Chromium, total [as Cr]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01042 Copper, total [as Cu]	mg/L	0.01	0.01	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01042 Copper, total [as Cu]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01042 Copper, total [as Cu]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01046 Iron, total [as Fe]	mg/L	0.05	0.05	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01051 Lead, total [as Pb]	mg/L	0.001	0.001	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01051 Lead, total [as Pb]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01051 Lead, total [as Pb]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01059 Thallium, total [as Tl]	mg/L	0.001	0.001	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01059 Thallium, total [as Tl]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01059 Thallium, total [as Tl]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01067 Nickel, total [as Ni]	mg/L	0.03	0.03	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01067 Nickel, total [as Ni]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01067 Nickel, total [as Ni]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01067 Nickel, total [as Ni]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01067 Nickel, total [as Ni]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01077 Silver, total [as Ag]	mg/L	0.001	0.001	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01077 Silver, total [as Ag]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01077 Silver, total [as Ag]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01082 Zinc, total [as Zn]	mg/L	0.001	0.001	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01082 Zinc, total [as Zn]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01082 Zinc, total [as Zn]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01082 Zinc, total [as Zn]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01082 Zinc, total [as Zn]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01087 Antimony, total [as Sb]	mg/L	0.01	0.01	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01087 Antimony, total [as Sb]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01087 Antimony, total [as Sb]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01106 Aluminum, total [as Al]	mg/L	0.02	0.02	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01106 Aluminum, total [as Al]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01106 Aluminum, total [as Al]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
01147 Selenium, total [as Se]	mg/L	0	0	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
01147 Selenium, total [as Se]	mg/L			Sample	01 - Quarterly		CP - COMPOS	
01147 Selenium, total [as Se]	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	
46005 Phenols	mg/L	0.02	0.02	Permit Req. Value NOD	01 - Quarterly	19 - mg/L	CP - COMPOS	
46005 Phenols	mg/L			Sample	01 - Quarterly		CP - COMPOS	
46005 Phenols	mg/L			Permit Req. Value NOD	01 - Quarterly		CP - COMPOS	



Clean Water Fund Memorandum (2016-002)

Disadvantaged Business Enterprise (DBE) Subcontractor Participation on Clean Water Fund (CWF) Projects for Engineering Services

I. PURPOSE

The municipality, through its Engineering Consultant must make specified good faith efforts to attain the DBE goals as specified in this document in Section III. This is an administrative condition of the U.S. Environmental Protection Agency (EPA) Grant which funds Clean Water Fund Projects.

This memorandum supersedes the Clean Water Fund Memorandum dated June 24, 2014

II. GOVERNING STATUTE OR REGULATION

General Compliance (Federal), 40 CFR, Part 33: The municipality, through its Engineering Consultant must comply with the requirements of EPA's Program for Utilization of Small, Minority, and Women's Business Enterprises (MBE/WBE).

III. EPA REQUIREMENTS

The following clause shall be included in all Engineering Services contracts and contract amendments to be funded under the CWF:

The requirement for DBE subcontractor participation, expressed as a percentage of the total eligible contract amount, shall be a minimum of 8.0 percent with the following makeup:

MBE 3.0 percent WBE 5.0 percent

This requirement shall apply to all Engineering Services contracts that originate with a value over \$100,000. Within any phase of a project where the total of the original contract price plus all contract amendments is less than \$100,000, then no MBE/WBE participation will be required.

IV. CERTIFICATION

A DBE must be certified at the time that the subcontract for their services is executed. A business that is pending new certification, recertification, or whose certification has expired cannot be counted toward the goals.

In the case where a subcontractor DBE is certified as both a MBE and a WBE:

1. The prime contractor may count the entire value of the subcontract as either a MBE or a WBE.
2. The prime contractor may choose to split the subcontract between the MBE and the WBE categories to fulfill both goals. If the prime contractor chooses this route:
 - a. They must indicate the dollars to be apportioned to the categories either on the face of the copy of the fully executed subcontract submitted to the DEEP or by some other written method.
 - b. The certification submitted to DEEP must indicate that the principal of the subcontractor is both a woman and a minority.
 - c. For a certification that only identifies the subcontractor as a DBE, additional documentation is required as proof of dual status. In the case of ComDOT, the detailed information page within their online database suffices as proof.

V. THE SIX GOOD FAITH EFFORTS AS SPECIFICALLY DEFINED BY EPA

The Six Good Faith Efforts are required methods employed by all DEEP Clean Water Fund recipients to ensure that all DBEs have the opportunity to compete for procurements funded by DEEP financial assistance dollars.

1. Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.
3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.
4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.
5. Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce.
6. If the prime engineering consultant awards subcontracts, require the prime engineering consultant to take the above steps.

The prime engineering consultant's certification as a DBE has no effect on this requirement. Therefore, if the prime engineering consultant is a DBE, the Six Good Faith Efforts defined above must be employed in the procurement of subcontracts to be secured to achieve the MBE 3.0% and WBE 5.0% participation.

In the case where a DBE is certified as both a MBE and a WBE (a woman minority owed business), the DBE may be split between the MBE and the WBE Categories to fulfill both goals.

VI. ACCEPTABLE CERTIFICATION OPTIONS

1. **Connecticut Department of Administrative Services (DAS)** - DEEP will continue to accept DAS certification until such time as other State entities are identified whose certification processes meet the EPA criteria. DAS will only certify Connecticut based firms that meet the criteria under CGS 4a-60g. It is sometimes considered an acceptable practice to count a WBE as a MBE; however, it is at the DEEP Municipal Facilities Unit's discretion in cooperation with the DEEP Clean Water Fund Administration Unit as to whether or not this will be permitted. Requests concerning all such cases must be requested in writing through the DEEP Municipal Facilities Engineer assigned to the project for a determination.
2. **Connecticut Department of Transportation (ConnDOT)** - Companies that desire to do business with ConnDOT as well as the DEEP should seek ConnDOT certification which will be accepted by the DEEP. DBE firms are advised that the certification process can take 90 days to complete. ConnDOT will certify both in state as well as out of state firms.
3. **The Environmental Protection Agency (EPA)** - In the event an entity cannot be certified by ConnDOT as a DBE, that entity should seek certification with EPA. Such entities must provide EPA with evidence from ConnDOT denying certification.
4. **Small Business Administration (SBA-Federal)**-SBA certification is available to companies under the Woman Owned Small Business (WOSB) program and the SBA 8(a) Business Development Program (www.sba.gov/8abd/) which has a net worth ceiling of \$250,000 for initial applicants.
5. **Other states certification**- Prime contractors and prime engineering consultants may utilize certification from other states. Such certification must specify the DBE designation. Where there is no DBE certification option within a state, the instance must be presented to the DEEP Financial Administrator assigned to the project for consideration on a per case basis.

VII. DBE COMPLIANCE PROCESS

The Engineering Consultant must submit DBE certification for each subcontractor. Two executed copies of the DBE subcontracts must be submitted to the municipality, who must then submit one copy to the DEEP Financial Administrator as demonstration of compliance with this memorandum.

No payment requests will be processed by DEEP until the executed copies of the subcontracts are on file in the DEEP office.

It is understood that the Engineering Consultant must make and document the good faith efforts as defined above. Should the Consultant not meet the goals, documentation of good faith efforts will be required to be submitted to the DEEP Municipal Facilities Engineer for consideration that the good faith effort was extensive enough to warrant the acceptance of a lower goal for the specific contract in question.

I hereby verify that I have read and understand the DBE requirements in this memorandum and will procure subcontracts whose percentages will meet or exceed the minimums listed above.

Contract Name _____

Name of Engineering Firm _____

Name and Title of Authorized Officer _____

Authorized Signature _____ Date _____

Town Official and Title _____

Authorized Signature _____ Date _____

VIII. DEFINITIONS

CGS: Connecticut General Statutes

ConnDOT: Connecticut Department of Transportation

CWF: Clean Water Fund

DAS: Connecticut Department of Administrative Services

DBE: Disadvantaged Business Enterprise

DEEP: Department of Energy and Environmental Protection

EPA: Environmental Protection Agency (Federal)

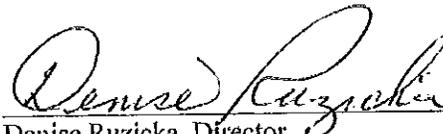
MBE: Minority Business Enterprise

SBA: Small Business Administration (Federal)

WBE: Woman Business Enterprise

WOSB: Woman Owned Small Business (Federal program - SBA)

May 25, 2016
Date


Denise Ruzicka, Director
Planning and Standards Division
Bureau of Water and Protection and Land Reuse



Clean Water Fund Memorandum (2016-003)

Disadvantaged Business Enterprise (DBE) Subcontractor Participation on Clean Water Fund (CWF) Construction Projects

I. PURPOSE

The municipality, through its Prime Contractor must make specified good faith efforts to attain the DBE goals as specified in this document in Section III. This is an administrative condition of the U.S. Environmental Protection Agency (EPA) Grant which funds Clean Water Fund Projects.

This memorandum supersedes the Clean Water Fund Memorandum Dated June 24, 2014

II. GOVERNING STATUTE OR REGULATION

General Compliance (Federal), 40 CFR, Part 33: The municipality, through its Prime Contractor must comply with the requirements of EPA's Program for Utilization of Small, Minority, and Women's Business Enterprises (MBE/WBE).

III. EPA REQUIREMENTS

The following clause shall be included in all construction contract documents for goods and services to be funded under the CWF:

The requirement for DBE subcontractor participation, expressed as a percentage of the total eligible contract amount, shall be a minimum of 8.0 percent with the following makeup:

MBE 3.0 percent WBE 5.0 percent

Failure to meet or exceed the required percentage or submit acceptable documentation of the six good faith efforts may render a bid non-responsive and may cause the bid to be rejected.

IV. CERTIFICATION

A DBE must be certified at the time that the subcontract for their services is executed. A business that is pending new certification, recertification, or whose certification has expired cannot be counted toward the goals.

In the case where a subcontractor DBE is certified as both a MBE and a WBE:

1. The prime contractor may count the entire value of the subcontract as either a MBE or a WBE.
2. The prime contractor may choose to split the subcontract between the MBE and the WBE categories to fulfill both goals. If the prime contractor chooses this route:
 - a. They must indicate the dollars to be apportioned to the categories either on the face of the copy of the fully executed subcontract submitted to the DEEP or by some other written method.

- b. The certification submitted to DEEP must indicate that the principal of the subcontractor is both a woman and a minority.
- c. For a certification that only identifies the subcontractor as a DBE, additional documentation is required as proof of dual status. In the case of ConnDOT, the detailed information page within their online database suffices as proof.

V. THE SIX GOOD FAITH EFFORTS AS SPECIFICALLY DEFINED BY EPA

The Six Good Faith Efforts are required methods employed by all DEEP Clean Water Fund recipients to ensure that all DBEs have the opportunity to compete for procurements funded by DEEP financial assistance dollars.

1. Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.
3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.
4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.
5. Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce.
6. If the Prime Contractor awards subcontracts, require the Prime Contractor to take the above steps.

The Prime Contractor's certification as a DBE has no effect on this requirement. Therefore, if the Prime Contractor is a DBE, the Six Good Faith Efforts defined above must be employed in the procurement of subcontracts to be secured to achieve the MBE 3.0% and WBE 5.0% participation. Also, for subcontracts for material suppliers, only 25% of the dollar value of their contracts may be applied toward the required percentage listed above unless that supplier manufactures those supplies and/or adds specialized input to the process.

VI. ACCEPTABLE CERTIFICATION OPTIONS

1. **Connecticut Department of Administrative Services (DAS)** - DEEP will continue to accept DAS certification until such time as other State entities are identified whose certification processes meet the EPA criteria. DAS will only certify Connecticut based firms that meet the criteria under CGS 4a-60g.
2. **Connecticut Department of Transportation (ConnDOT)** - Companies that desire to do business with ConnDOT as well as the DEEP should seek ConnDOT certification which will be accepted by the DEEP. DBE firms are advised that the certification process can take 90 days to complete. ConnDOT will certify both in state as well as out of state firms.

3. **The Environmental Protection Agency (EPA)** – In the event an entity cannot be certified by ConnDOT as a DBE, that entity should seek certification with EPA. Such entities must provide EPA with evidence from ConnDOT denying certification.
4. **Small Business Administration (SBA-Federal)**-SBA certification is available to companies under the Woman Owned Small Business (WOSB) program and the SBA 8(a) Business Development Program (www.sba.gov/8abd/) which has a net worth ceiling of \$250,000 for initial applicants.
5. **Other states certification**- Prime Contractors and Engineering Consultants may utilize certification from other states. Such certification must specify the DBE designation. Where there is no DBE certification option within a state, the instance must be presented to the DEEP Financial Administrator assigned to the project for consideration on a per case basis.

VII. DBE COMPLIANCE PROCESS

Within fourteen (14) calendar days after bid opening the apparent low bidder shall complete and submit to the municipality the Subcontractor Verification Form provided in the contract documents along with corresponding DBE certification for each subcontractor. The municipality must then submit copies as part of the bid application to DEEP as demonstration of compliance with this memorandum. **Failure to submit these documents by the close of business of the fourteenth calendar day after bid opening may result in the bid being deemed non-responsive and may cause the bid to be rejected.** Two executed copies of the DBE subcontracts must be submitted to the municipality, who must then submit one copy to the DEEP Financial Administrator as demonstration of compliance with this memorandum.

No payment requests will be processed by DEEP until the executed copies of the subcontracts are on file in the DEEP office.

It is understood that the Prime Contractor must make and document the good faith efforts as defined above. Should the contractor not meet the goals, documentation of good faith efforts will be required to be submitted to the DEEP Municipal Facilities Engineer for consideration that the good faith effort was extensive enough to warrant the acceptance of a lower goal for the specific contract in question.

The prime contractor is required to employ the six good faith efforts in that the DBE percentages shall be maintained or exceeded in the event of one subcontractor being substituted for another.

I hereby verify that I have read and understand the DBE requirements in this memorandum and will procure subcontracts whose percentages will meet or exceed the minimums listed above.

Contract Name _____

Prime Contractor Company Name _____

Prime Contractor Authorized Signature _____ Date _____

VIII. DEFINITIONS

CGS: Connecticut General Statutes

ConnDOT: Connecticut Department of Transportation

CWF: Clean Water Fund

DAS: Connecticut Department of Administrative Services

DBE: Disadvantaged Business Enterprise

DEEP: Department of Energy and Environmental Protection

EPA: Environmental Protection Agency (Federal)

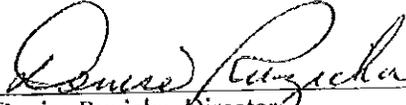
MBE: Minority Business Enterprise

SBA: Small Business Administration (Federal)

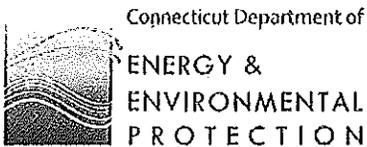
WBE: Woman Business Enterprise

WOSB: Woman Owned Small Business (Federal program - SBA)

May 25, 2016
Date



Denise Ruzicka, Director
Planning and Standards Division
Bureau of Water Protection and Land Reuse



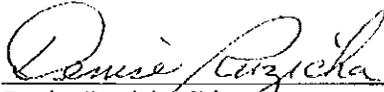
Clean Water Fund Memorandum (2016 – 004)

New Administrative Requirements on Clean Water Fund Agreements for Construction Project Loans exceeding \$40 million

In order to enhance the cash flow position of the Clean Water Fund (CWF) program and continue to fund construction projects when municipalities are ready to proceed, several changes to the Clean Water Fund program as outlined below have been implemented.

1. Projects with loans exceeding \$40 million shall be subject to annual Permanent Loan Obligation (PLO) closings. Instead of waiting one year after construction is completed to begin repayment of the loan, the municipality shall be required to begin repayment one month after each annual PLO closing.
2. The CWF shall no longer grant extensions to the Schedule Completion Date in the CWF agreement if it results in extending the loan payment schedule.
3. In order for any CWF construction application to be deemed complete, the municipality shall have opened bids for all projects listed in the application. If a municipality desires to minimize the number of CWF agreements, the Department is willing to make a commitment to fund projects as they are bid and then aggregate those commitments into a single funding agreement, provided there are sufficient funds.

5/25/2016
Date


Denise Ruzicka, Director
Planning & Standards Division
Bureau of Water Protection & Land Reuse

**Supplier is defined as follows: A supplier is a business which acts as a distributor of materials or equipment and which provides a commercially useful function when such activity is traditional in the industry manufacturing the material or equipment supplied. Suppliers will receive 25% credit for providing supplies and receive 100% for manufacturing or fabrication of supply items. Haulers will receive 100% credit if they provide the material that is hauled. Commercially useful function will normally include:*

- 1. Providing Technical Assistance to the purchaser prior to the purchase, during installation and after the supplies or equipment are placed in service;*
- 2. Manufacturing or being first tier below manufacturer of the supplies or equipment supplied;*
- 3. Providing Functions other than just accepting and referring request for supplies or equipment to another party for direct shipment to a contractor.*

The completion and submission of this form does not constitute a contractual agreement between the general contractor and the named subcontractor, but is solely for documenting proposed compliance with DBE participation under the Department of Energy and Environmental Protection's (DEEP) Clean Water Fund (CWF). Should another subcontractor be substituted in place of any firm named above, both the municipality and the DEEP (Clean Water Fund Unit, 79 Elm Street, Hartford 06106-5127) should be notified in writing within three (3) business days of the change. This form must be updated for each instance in which a subcontractor is replaced or added. The DBE percentages shall be maintained or exceeded in the event of one subcontractor being substituted for another.

Prime Contractor Authorized Signature: _____ Date: _____



Disadvantage Business Enterprise (DBE) Subcontractor Verification Form

Prime Contractor Company Name: _____

Contract Name/Number: _____

Contract Award Amount: \$ _____

Note to general contractor: You are required to complete this form listing each DBE (MBE or WBE) subcontractor to be employed in work eligible for the Clean Water Fund within the table below. Please submit an original of this completed form, along with each subcontractor's current, valid DBE certificate, to the municipality within 14 days of bid opening. In the event that this form is not submitted with the bid application, the bid could be rendered nonresponsive and rejected.

Subcontractor Name	Address/Phone/E-mail	Name of Contact	Dollar Amount* (25% for Suppliers)	MBE %	WBE %
Totals:					

Sunday
May 22, 16

Local news ...

4A

Borough offered fuel cells

Energy savings for sewage treatment plant

BY PAUL SINGLEY
REPUBLICAN-AMERICAN

NAUGATUCK — The borough is working on a plan to help solve some of its issues at the local wastewater treatment plant by installing fuel cells to help drive down energy costs there.

Last week, a South Windsor-based company called

Doosan Fuel Cell America, Inc., presented a plan to the Board of Mayor and Burgess that would include adding fuel cells onto the old Uniroyal Chemical Co. property off Cherry Street Extension alongside the Naugatuck River. The energy generated from the project could be pumped into the wastewater treatment plant, which May-

or N. Warren "Pete" Hess said is one of the largest energy users in New Haven County.

Doosan is talking about installing three of its large fuel cells on the property at no cost to the borough because the company will get money from selling its energy to Eversource. Doosan has guaranteed Naugatuck a

first-year electricity savings of \$150,000. Once the fuel cells are installed, the company estimates it will save an additional \$440,000 a year by replacing 71,000 gallons of oil for natural gas, a number local officials say is not guaranteed and might be high.

"The savings will be significant, that is guaranteed, but I'm not sure that number is 100 percent accurate," Hess

See **PLAN**, Page 9A

PLAN: Doosan will pay for installation

said. "It may end up being accurate; I remains to be seen."

The borough will also get free heat for the incinerator at the treatment plant, the savings for which has not yet been calculated. And Naugatuck will pay below the average yearly grid price for electricity to power the plant even if the prices go down.

The company pays for all upfront costs, including equipment, installation, natural gas and service.

Doosan says it is a \$17 billion corporation, a figure that includes its other major U.S. brand, Bobcat Equipment and Attachments, which makes farm and construction equipment.

The fuel cell model it wants to install in Naugatuck works by converting natural gas into hydrogen. The hydrogen goes through a fuel cell stack to generate direct current power. An inverter generates high quality alternating currents of power. And an internal heat recovery system generates hot water.

Hess said the borough will use the savings from the fuel cells in its negotiating strategy with Veolia Water North America, the private company that operates Naugatuck's wastewater treatment plant through a complex revenue

sharing agreement. The company, which pays the electrical bill at the plant, has shut down its incinerator because it says Naugatuck is out of compliance with federal Environmental Protection Agency requirements that say the borough must put about \$86 million worth of upgrades to mitigate pollution. Naugatuck has not done that and EPA had threatened to shut down the incinerator before Veolia shut it down for fear of being out of compliance with a federal mandate.

The incinerator shut-down means Veolia will make less money on private contracts this year and will therefore have less revenue to share with Naugatuck.

The fuel cell project will not solve Naugatuck's problems EPA. However, it will help in an ongoing legal battle that Naugatuck is facing with Veolia over revenue sharing and other issues.

"This fuel cell proposal is an additional item that we're bringing up in negotiations so we can try to resolve all of our issues with Veolia, and there are many," Hess said.

He believes the project will go forward and said it does not require any state approval. He said Naugatuck has been promised a grant from Eversource to pay for a gas line extension at the project.

Monday
May 23, 16

News

Boston's David Ortiz has big day in win over Indians

SECTION B



SPORTS STARTS ON THE BACK OF THIS SECTION

Budget critics confident

Petition organizers claim enough signatures for a referendum

BY PAUL SINGLEY
REPUBLICAN-AMERICAN

NAUGATUCK — It appears residents will have a vote on how much money the borough will spend next year.

Residents who organized a petition drive to send the budget to referendum believe they have collected enough signatures. They submitted lists with about 2,000 signatures to Borough

Clerk Nancy DiMeo last week, DiMeo said.

To force the referendum, they needed to collect 1,350 signatures for both the town and school budget proposals for the 2016-17 fiscal year, which begins July 1. Petitioners always get more than necessary to ensure they have enough.

DiMeo will spend the next week or so verifying the signatures. In the likely case that there are enough signa-

tures to force the vote, borough officials will set a referendum date.

Though petitioners submitted petitions to send the school budget to a vote, there is not much, if anything, that is likely to be gained from voting on the proposal. That proposed budget of \$61.6 million shows no increase over the current budget, and therefore, state law says the

BUDGET WATCH

NAUGATUCK

Combined town and school
2015-16 approved: \$115.2 million
2016-17 proposed: \$119.9 million
Proposed Increase: \$4.67 million, or 4 percent
Current tax rate: 45.57 mills
Proposed tax rate: 49.74 mills
Increase: 4.17 mills, or 9.1 percent
Next: Town officials will verify whether there are enough signatures to force a referendum on the budget.

See **BUDGET**, Page 3B

WALKING TO BEAT HUNGER



ICE: Southbury selectmen seek details

would cut down on the time and cost for doing small paving jobs.

On Thursday night, Selectman Jason Buchsbaum moved to take the use agreement with Middlebury off the meeting's consent agenda, so selectmen could discuss it.

Buchsbaum said he did so, because there are no details on a buyout, should one town decide to back out of the agreement. He also wanted to

see more details on who would use the equipment and when.

"I'm confident they will work it out," assistant to the First Selectman Cindy Harrison said of the two public works directors. "They don't know when they will need it," she added of the reason why there is not a specific use schedule.

"Essentially, we have to learn to get along to get these

projects done," Manville said.

After five years, the towns could back out of the contract with either a split over the sale of the equipment or a buyout from one of the towns. Buchsbaum wants to redraft the agreement with an amendment to section 6 to cover this issue.

Buchsbaum also noted how the agreement expires in 20 years and wondered what would happen to the equip-

ment.

Aside from some of the agreement's details, selectmen also want to clean up some of the writing. For instance, Board of Finance Chairman John Michaels, who attended the meeting, pointed out that one sentence did not make sense as written.

Contact Bill Bittar at bbittar@rep-am.com.

BUDGET: Enough signatures claimed

town cannot take anything out of that budget request.

"I believe we have to have a referendum (on the school budget) even though we are powerless to decrease it," Mayor N. Warren "Pete" Hess said.

The proposed town budget, however, can be reduced, and even Hess said he hopes it will.

The proposal calls for \$58.2 million in town spending next year, which is \$4.5 million, or

8.55 percent, over the current.

Overall, the combined budgets of \$119.9 million is an increase of 4 percent over the current budget. The proposed tax rate would increase 4.17 mills, or 9.1 percent, from 45.57 mills this year to 49.74 mills in 2016-17.

Based upon the tax rate, the owner of a house worth \$200,000 would pay \$581 more in taxes next year than this year. The tax bill on that house would increase from

\$6,379 to \$6,963.

The major cost drivers in the budget are that the borough has to put aside \$1.3 million to pay bonding bills for the \$81 million renovate to new high school project. And the borough anticipates losing \$3 million from a shutdown at the incinerator at the wastewater treatment plant.

Hess, who pushed for a referendum this year to give him more time to work out cost-saving solutions, said he be-

lieves that plan just might work.

On Sunday night, he said he will not make guarantees that he can find significant savings between now and the time the budget needs to be adopted, but he said he believes he can.

Contact Paul Singley at psingley@rep-am.com, on Facebook at RA Naugatuck or on Twitter @RANaugatuck.

DUMP: Abuse of donation bins spurs new law

Festa said he sometimes sees families trying on clothes from the bins in the mornings. People often donate nice clothes, he said. Once, he helped a woman place 12 The North Face jackets in the bin because her children grew out of them.

"If they need it, they should take it," Festa said.

But he said, another group was caught raiding the bins for their own business and dumping junk next to the boxes. The people would crawl into the boxes to take the donations. The boxes had to be redesigned to prevent theft, Festa said.

The annual permit to take

items to the Watertown transfer station is \$20 and furniture costs \$15 per item to dump. In Naugatuck, couches are \$15 to dump, but love seats are only \$10 and chairs are \$5 each.

However, some items regularly dumped outside clothing bins, like box springs, paint, computer monitors, printers, hard drives, and televisions, can be taken to the dump at no charge and without an annual permit.

Although there are several other donation bins in town, Watertown Town Manager Robert Scannell said that the bins in the Kmart parking lot are the only ones he's ever

heard complaints about.

One way to get rid of the illegal dumping is to get rid of the bins.

Last year, Waterbury passed an ordinance requiring the bins' owners to get a city permit to place a bin on private property. The operators now must provide contact information and obtain permission from the property owner where the bin is located.

In Waterbury, property owners complained that for-profit bins were placed on their land without permission and they didn't know who to contact to get them removed.

The ordinance requires bins to be under a certain

size, in good condition, and be emptied at least once a month. Violators could face fines and the removal of a bin and disposal of its contents.

State Rep. Selim G. Noujaim, R-74th District said the bins he was concerned about, along state property on I-84, were removed after the ordinance passed, taking their accumulated trash with them.

"In my opinion whatever we did as a city was effective," Noujaim said.

Contact Laraine Weschler at lveschler@rep-am.com, on Facebook at RA Water-town or on Twitter @RA_Laraine.

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MAY 15, 2016

Sunday Republican

AWARDED THE PULITZER PRIZES
for the most disinterested and meritorious public service in 1939

WILLIAM J. PAPE
Publisher 1901-1961

WILLIAM B. PAPE
Editor and Publisher 1961-1972

WILLIAM J. PAPE II
Editor and Publisher

WILLIAM B. PAPE II
Assistant Publisher

ANNE KAROLYI
Managing Editor

Published every Sunday by American-Republican Inc.
389 Meadow St., Waterbury, Conn. 06722. 203-574-3636.
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of the author and not necessarily the publisher.

EPA VS. NAUGATUCK

Buck passed to the towns

Naugatuck residents and business people face a staggering 9.1 percent tax increase for 2016-17. Who's to blame? It's convenient to blame the usual suspects — the public-employee unions; grasping, incompetent politicians; citizens who insist on extravagant service levels — but this year, the lion's share of the blame lies elsewhere.

Naugatuck can trace its fiscal troubles to the fact the U.S. Environmental Protection Agency has declared war on the borough. It's a war Naugatuck probably can't win.

In November 2014, borough voters refused to authorize borrowing \$21.2 million to launch the first stage of an \$86 million renovation of the sewage-treatment plant and incinerator. The work, once completed, won't benefit Naugatuck in any tangible way. It may result in a slight improvement in water quality in Long Island Sound, since the project would reduce the amount of phosphorus in the water released to the environment from the sewage-treatment plant. Or it may have no beneficial effect on the Sound, since phosphorus comes from nature, golf courses, farms, lawns and many other sources — and no one knows how much each contributes to the problem. But quite unlike a new school, streetscape work or park improvements, this \$86 million "investment" would provide no direct benefit to Naugatuck taxpayers.

The EPA called Naugatuck voters' bluff, shutting down the incinerator and depriving the borough of \$3 million in revenues from the facility. The borough also will have to spend at least \$1.5 million in the next fiscal year to continue operations at the sewage-treatment plant — all in addition to making the first round of payments on the \$81 million renovation project at Naugatuck High School. As a result, the owner of a home valued at \$200,000 would pay an additional \$581 per year.

The impending tax increase reignited a long-running dispute between former Mayor Robert A. Mezzo and activist Matt Katra, who blame each other for the consequences of the defeat of the November 2014 referendum. In reality, Congress and the EPA are mainly responsible.

At the time the sewage plant and incinerator were built, they were in compliance with state and federal environmental regulations. In the fullness of time, environmental regulators changed their standards. Basic fairness dictates that the agency insisting on lower emissions bear part of the cost — assuming the facilities are continuing to meet the standards in effect when they were built.

According to a 2012 report by the Congressional Research Service, "(L)ocal communities now are responsible for 100 percent of projects' costs, rather than 45 percent." If the EPA, an agency of the federal government, is the one changing the rules, the feds — and not the municipalities that have been playing by the rules — should pay most or even all of the costs. Where is Connecticut's congressional delegation on this question?

Other communities are grappling with similar problems. Torrington faces an \$18 million bill to guard against a 100-year flood, which could wash untreated effluent into the Naugatuck River. (Environmental officials seem unaware that the vast quantities of water associated with such a flood would dilute contaminants nearly to the vanishing point.) Torrington taxpayers already are on the hook for a \$52 million project to reduce the amount of phosphorus and nitrogen the city's plant releases into the river.

Bottom line: If the federal government can't afford to pay for the extremes of purity its rogue environmental zealots demand, it has no moral grounds to pass the bill down to struggling communities like Naugatuck and Torrington. This is the principle Connecticut's congressional delegation should be promoting in Washington, D.C., to provide meaningful help to their embattled constituents.

QUOTABLE

"Nobody appreciates this country, the United States, like we do, because of the freedom."

— Holocaust survivor Judith Altmann, during Holocaust Remembrance Day presentation in Southbury, May 5



Please visit www.rep-am.com/opinion to comment.



BOROUGH OF NAUGATUCK

WATER POLLUTION CONTROL BOARD

7014 2120 0003 8275 6570

229 CHURCH STREET
NAUGATUCK, CT 06770
203 / 720-7060
FAX 203 / 720-7099

May 27, 2016

Mr. Fred D'Amico
Chairman, WPCA
Oxford Town Hall
486 Oxford Road
Oxford, CT 06478-1298

Re: Gunntown Road Odor Complaint

Dear Mr. D'Amico:

The residents at 42 and 54 Gunntown Road have called Veolia regarding a significant sewer odor on Wednesday, May 26, 2016.

The Oxford WPCA requested copies of documentation of all odor complaints. Enclosed are copies of the odor complaints.

Please contact me at 203-720-7072 or email jstewart@naugatuck-ct.gov to discuss your detailed plan of action to correct the problem and a time frame to carry out the plan.

Sincerely,

James Stewart

James Stewart
Director of Public Works

Cc: First Selectman, George R. Temple, Naugatuck WPCA, Veolia Water

ODOR COMPLAINT REPORT

CALLER INFORMATION: DATE: 5/20/16 TIME: 12:00 PM

CALL TAKEN BY: LT DEEP

NAME OF COMPLAINANT: Marlene Sandel PHONE NUMBER: 203-729-2116

ADDRESS/LOCATION WHERE ODOR IS BEING DETECTED: 135 Beacon Valley Rd, Beacon Falls

STRENGTH OF ODOR: FAINT NOTICABLE DEFINITE STRONG OVERWHELMING

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

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

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

ODOR INVESTIGATION:

(FROM CONTROL ROOM WEATHER STATION)

WIND DIRECTION: WNW WIND SPEED: 5.0 WEATHER: TEMP 67 RAIN HUMID 55 DRY UNSEASONABLY WARM/COLD

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

Incinerator down / loading cake trailers

ODOR CONTROL EQUIPMENT STATUS:

PRIMARY SCRUBBER: ON OFF PH 8.21 ORP 872 MAKE UP WATER: 0.5-1 GPM SPRAYS

FILTER BLDG SCRUBBER: ON OFF PH 8.17 ORP 855 MAKE UP WATER: 1-3 GPM SPRAYS

PERMANGANATE FEEDERS:

AERATION: ON OFF VERIFIED OPERATIONAL: YES NO

SLUDGE STORAGE: ON OFF VERIFIED OPERATIONAL: YES NO

ODOR COUNTERACTANT SYSTEM: ON OFF VERIFIED OPERATIONAL: YES SPRAYS

COMPLAINT REVIEWED BY: DATE: TIME:

RETURN CALL MADE BY: DATE: TIME:

RETURN CALL RESULTS:

AIR QUALITY
LOG NUMBER: 2016-0318

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT
COMPLIANCE & FIELD OPERATIONS
79 ELM STREET, HARTFORD, CT 06106

REVISED 09/03/2003
 FORM AE - 501

Alleged Source:	NAUGATUCK WASTE WATER TREATMENT BY A/N/T	Complaint Date:	5/20/2016
Source Address:	CHERRY STREET	Complaint Time Received:	12:00:00 PM
Town Name:	NAUGATUCK, CT	Priority:	<input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C

<input type="checkbox"/> Smoke	This event occurs mostly on what DAY of the week?	<input type="checkbox"/> Monday	<input type="checkbox"/> Friday
<input type="checkbox"/> Fugitive Dust	This event occurs mostly at what TIME of day?	<input type="checkbox"/> Tuesday	<input type="checkbox"/> Saturday
<input checked="" type="checkbox"/> Odor	When First Noticed? _____ When Last Noticed? _____	<input type="checkbox"/> Wednesday	<input type="checkbox"/> Sunday
<input type="checkbox"/> M.V. Exhaust	Other pertinent details:	<input type="checkbox"/> Thursday	<input checked="" type="checkbox"/> Every Day
<input type="checkbox"/> Spray Paint	VERY STRONG URINE ODOR COMING FROM THE NAUGATUCK TREATMENT PLANT. ALWAYS IN THE MORNING NEAR RT 8 AND EXIT 24. ITS GOTTEN WORSE OVER THE PAST FEW MONTHS. ALWAYS A FOG OVER THE RIVER.		
<input type="checkbox"/> Other			
<input type="checkbox"/> Soot			
<input type="checkbox"/> Open Burning			

COMPLAINANT INFORMATION:		COMPLAINANT TELEPHONE NUMBER:	COMPLAINT RECEIVED BY:
Complainant:	MARLENE SANDEL	Home Phone: (203) 729-2116	C. Wilson
Address:	135 BEACON VALLEY ROAD	Work Phone:	SUMMITTED BY
City:	BEACON FALLS	Extension No.	<input checked="" type="checkbox"/> By phone
EPA 100-Ton Perm?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Mobile Phone: (203) 848-9685	<input type="checkbox"/> By letter
Assigned Date	Eng. ID:	<input type="checkbox"/> In person	<input type="checkbox"/> Other

REMARKS: _____ Scheduled: _____

CLIENT	SEQUENCE	TOWN	0	PREMISE	<input type="checkbox"/> A <input type="checkbox"/> B
<input type="checkbox"/> LOG IN	Date: 0	<input type="checkbox"/> LOG OUT	Date: 0		

ACTION:	<input type="checkbox"/> Reg. Section Violation:	Correct Name & Address of Company:
<input type="checkbox"/> No Violation noted	<input type="checkbox"/> Keep under surveillance	
<input type="checkbox"/> On the spot correction	<input type="checkbox"/> Other	Violation Source:
<input type="checkbox"/> Order Referral _____	Investigation Conducted by:	
<input type="checkbox"/> NV issued No. _____	Report Returned:	

Contact made with the Complainant: TELEPHONE LETTER OTHER

Referral to: LOCAL HEALTH EXTERNAL OTHER (Specify) Date: _____

FILE OTHER (SPECIFY) _____

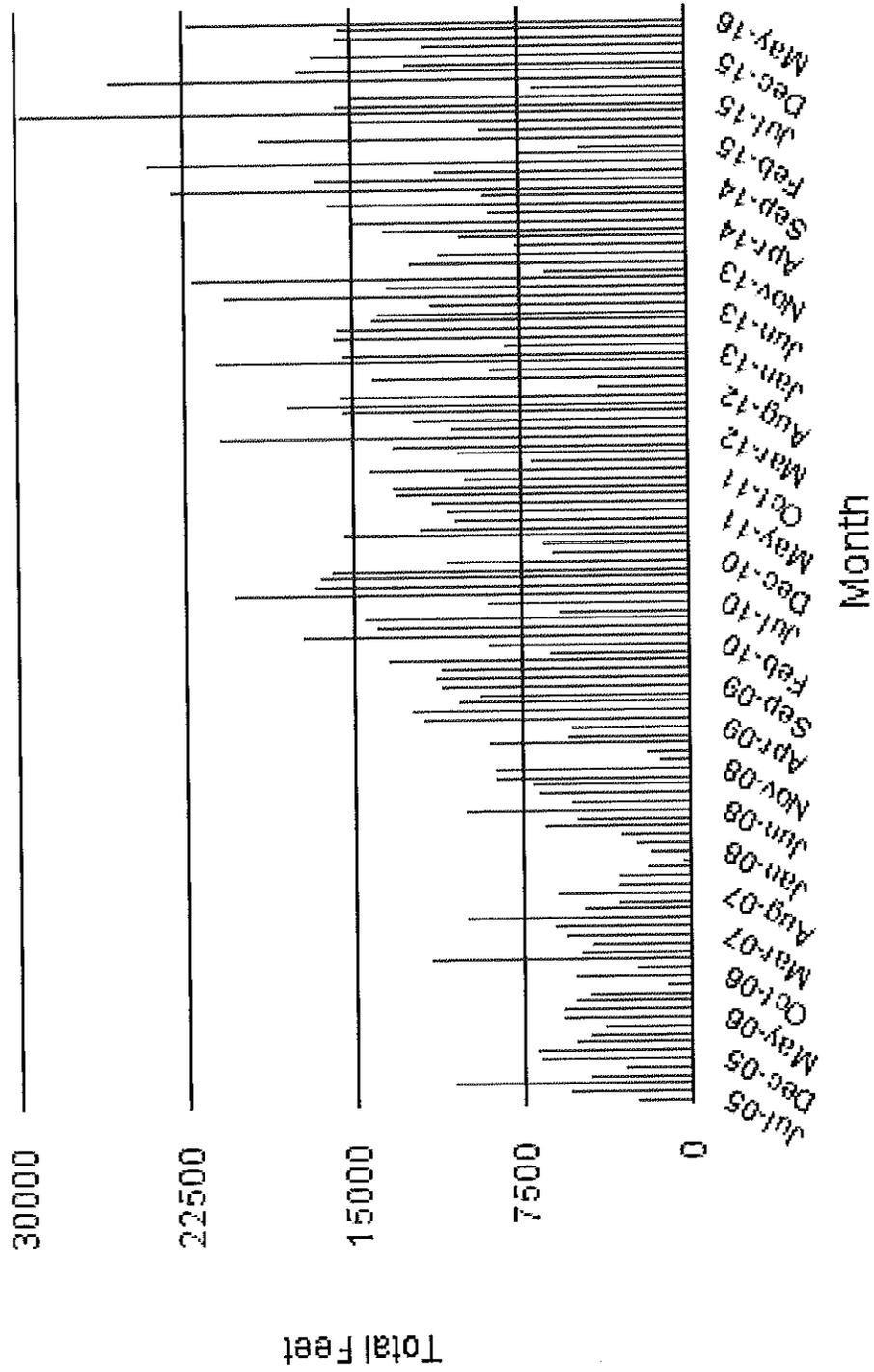
Supervisor Initials:	Date:
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OFFICE

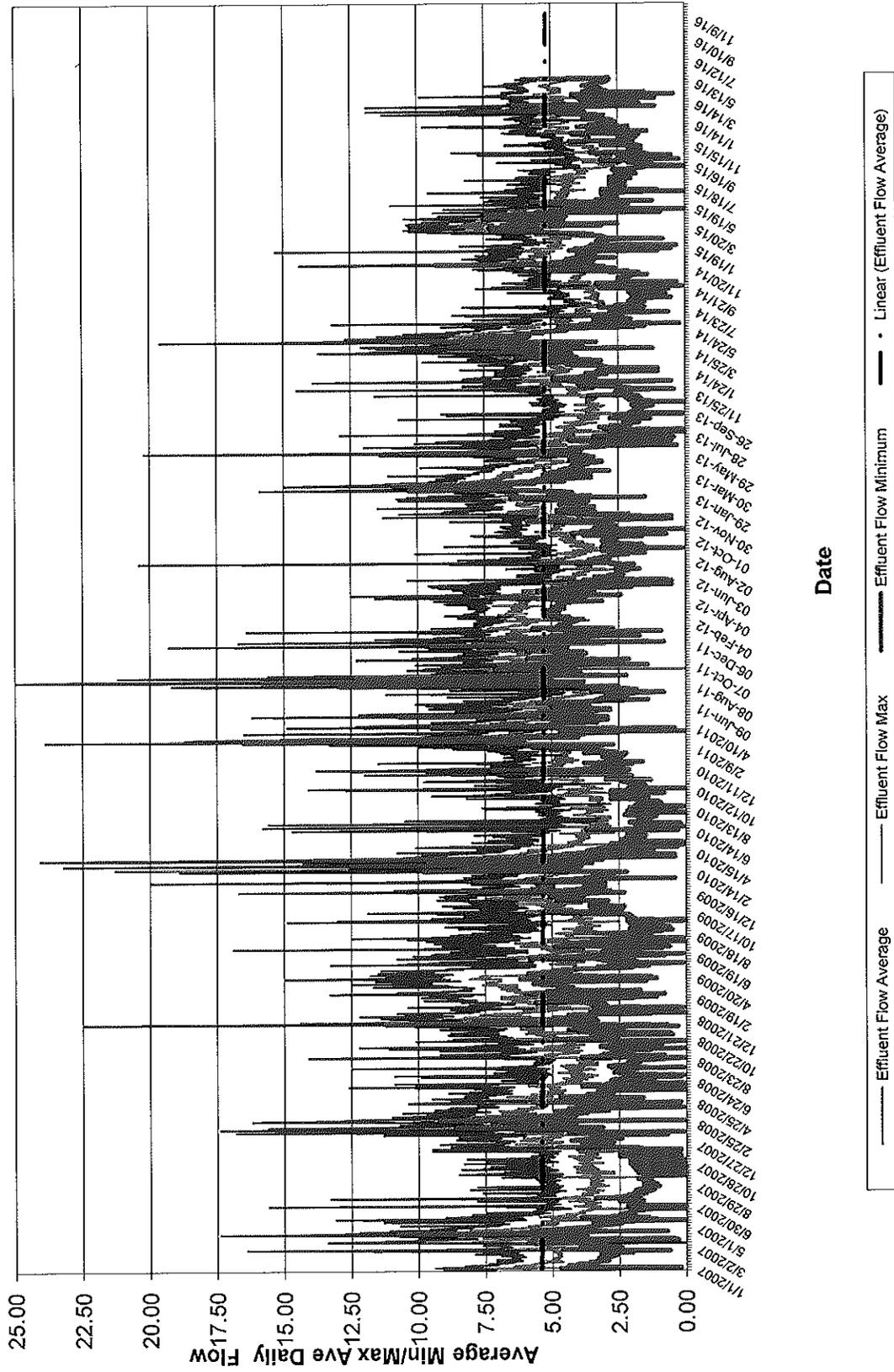
INVESTIGATOR

SUPERVISOR

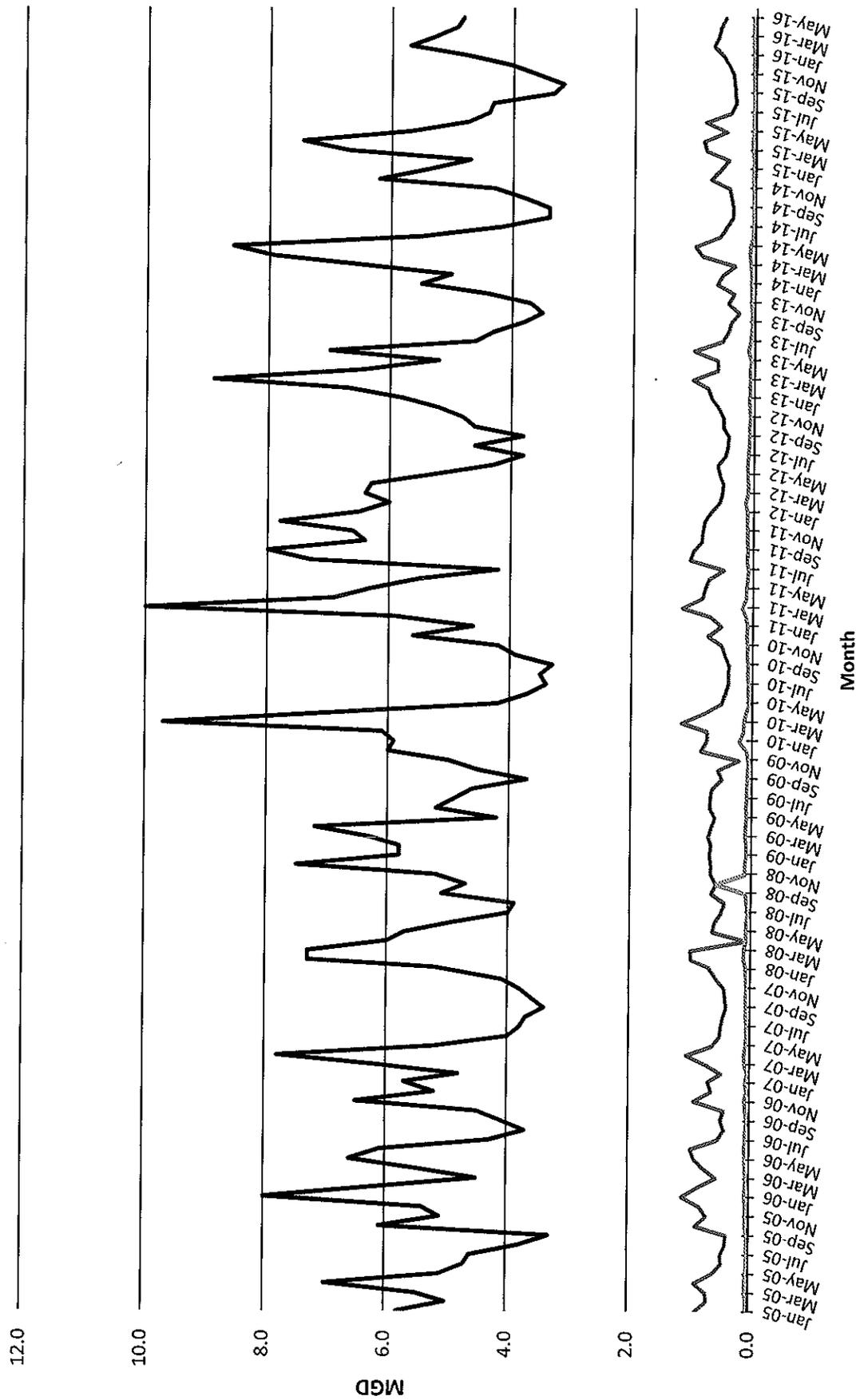
Borough of Naugatuck Total Feet of Sewers Cleaned July 2005 to Present



Naugatuck WPCF Daily Min/Max/Total Flow Data 2007 to Present MGD



**Naugatuck, Middlebury and Oxford
2005 to Present Monthly Average Flows**



— Naugatuck — Middlebury — Oxford