



Town of Simsbury

WATER POLLUTION CONTROL
36 Drake Hill Road Simsbury, Connecticut 06070

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Simsbury Water Pollution Control Authority Regular Meeting

Thursday
September 10, 2020
7:00 p.m.

A G E N D A

- 1) Safety Brief
- 2) Request Waiver – 98 County Road
- 3) Discussion - Solar Power Virtual Net Metering
- 4) Discussion – FEMA Hazard Mitigation Assistance
- 5) Initial Discussion – FY 2021/22 Budget
- 6) Status Report on Sewer Extension Projects, etc.
- 7) Treatment Facility Report
- 8) Correspondence
- 9) June Meeting Minutes – Possible Approval
- 10) Adjourn

July 8, 2020

To: W P C A
Attn: Mr. Paul Gilmore

Subject: Request Wavier of Town Charge to change from Septic to Sewer system

Dear Mr Gilmore:

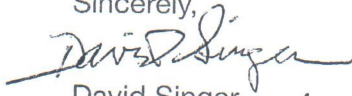
My Name is David Singer, my wife Terri and me reside at 98 County Road. I am requesting a waiver of the town charge of \$4,095.00 to change from Septic System to Simsbury Sewer System.

My wife and me are both disabled. My wife is collecting Social Security disability. I had a knee surgery that went bad when I got MRSA in the Operating room. I had to have my left leg fused which left me with a Knee that cannot bend. I have two torn rotator cuff shoulders. I cannot Walk without a walker, nor can I walk far. For Doctor appointments or Other outdoor needs, I use a power wheelchair. I have fallen numerous Times both in my home and outside. I have become far more familiar With the town EMT,s and Firemen then I wish.

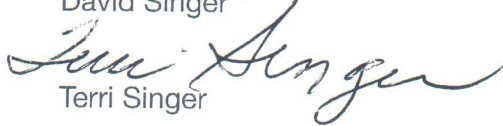
We have been receiving food from the town on a monthly basis for which We are both thankful for.

My Septic System has had to have water pumped out twice in the last Six months. We realize it is time to move to sewer water, but with the Town assessment and the cost to the Septic Company it is to great a Cost that we can afford. We both live off of a fixed pension and Social Security. We both hope you will give our request serious consideration Or any counter proposal you may have.

Sincerely,



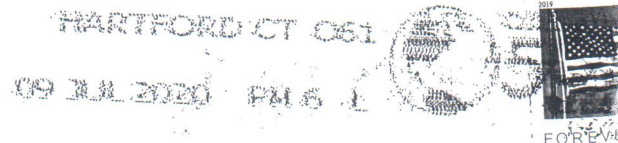
David Singer



Terri Singer



Ms. Terri Singer
98 County Road
Simsbury, CT 06070-1245



W P C A
36 DRAKE HILL RD.
SIMSBURY, CT 06070

Appendix D: Actual Expenditure History

	15-16 Actual	16-17 Actual	17-18 Actual	18-19 Actual	19-20 Actual	5 Year Average
51010 - Full Time	691,211	710,916	743,746	713,563	749,345	703,610
51020 - Part Time				49		49
51030 - Overtime	46,198	47,383	51,164	53,898	52,561	48,992
51040 - Seasonal	3,360	3,040	0	1,623	4,185	2,938
51110 - Major Med. Insurance	150,311	134,410	188,722	185,650	203,713	154,657
51120 - Life Insurance	3,441	3,700	3,643	3,549	3,667	3,515
51130 - Disability Insurance	2,401	3,568	2,611	2,541	2,566	2,687
51200 - Social Security	56,689	58,342	60,915	58,990	61,679	57,875
51320 - Town Pension Plan	94,403	98,974	103,923	107,317	116,514	102,280
51600 - Workmens Compensat.	18,060	20,460	21,483	22,662	22,662	19,620
52110 - Consultant	47,788	3,471	47,819	1,887	16,906	23,335
52200 - Contract Services	35,549	47,066	55,665	53,372	52,200	46,691
52210 - Comp. Prop. & Cas	15,882	16,517	17,343	18,210	20,031	17,417
52220 - Fleet Insurance	2,701	2,809	2,950	3,098	3,408	2,962
52230 - Boiler Insurance	490	515	541	568	624	521
52400 - Advertisements	1,390	0	1,027	305	385	544
52510 - Copy & Printing Serv.	581	508	423	868	666	625
52550 - Postage	1,445	1,569	1,329	1,119	841	1,332
52620 - Equipment Rental	758	1,007	749	832	827	850
53100 - Office Supplies	997	1,553	963	1,161	1,496	1,261
53105 - Tech. & Program Sup	1,999	1,745	0	774	1,668	1,300
53200 - Building Supplies	0	80	85	0	172	289
53210 - Cleaning Supplies	1,378	582	1,214	756	1,025	1,002
53300 - Agricultural Supplies	0	0	125	0	0	25
53410 - Road & Drainage Sup	7,424	4,676	3,169	795	3,124	4,690
53505 - Chem. & Lab Supplies	48,339	45,894	47,241	44,429	43,919	45,115
53600 - Equipment Parts	45,400	48,128	52,490	48,913	45,080	45,757
53700 - Clothing, Safety Sup	5,569	4,962	7,627	7,788	7,195	6,354
53800 - Lubricants	1,012	0	2,117	1,468	0	967
54310 - Equipmnt Maintenance	524	16,789	17,266	6,057	11,343	11,976
54320 - Vehicle Maintenance	4,025	7,981	7,312	6,230	5,639	6,446
54330 - Facil. Maintenance	22,794	16,952	14,968	17,413	14,863	23,822
55110 - Water Charge	5,089	6,282	6,825	7,911	7,529	6,299
55210 - Natural Gas/Propane	22,598	26,243	28,340	34,924	24,179	28,923
55220 - Electricity	258,381	289,271	263,296	311,023	221,380	274,087
55260 - Gasoline	19,975	13,868	10,837	8,760	9,488	14,763
55310 - Telephone	6,349	2,352	3,438	3,138	1,840	3,441
55350 - Refuse Disposal	143,649	139,745	132,780	148,220	212,688	142,284
57400 - Conferences & Ed.	2,133	1,268	2,589	2,441	1,139	2,274
57800 - Travel	321	410	398	419	318	322
57910 - Dues & Subscriptions	824	505	517	1,790	430	996
58430 - Sewer Extensions	30,447	20,407	21,048	10,751	26,442	18,331
58560 - Technical Equipment			349			174
58570 - Machinery / Equipment	54,672	33,455	118,092	66,934	60,344	59,722
Bldg. Improvements						
58913 - Capital Non-recurring						
56910-Public agency support	101446	104094	108989	110917	114483	105,071
ANNUAL TOTAL	1,958,001	1,941,495	2,156,127	2,073,112	2,128,565	2,056,912
% Increase	2.9	-0.9	10.0	-4.0	2.6	0

DEVELOPER INSTALLED SEWER PROJECTS - PROGRESS

Development / Address	Capacity Review				Developer's Agreement		TR-16 DEEP Approval	Permitting/Inspections				WPCA Acceptance	Comments
	Application Sent	Application Rec'd	Results Mailed	FCC Calculation	Public	Private	Date Rec'd	Initial Permit	Video Review	Air Test	Manhole Inspection	Date Accepted	
Murphy's Turn				\$20,475	9/2/2015	-			8/11/2015	8/11/2015	8/17/2015		Final Inspections in Progress
Hendrix Cottages Climax Road		9/12/2016	9/19/2016		6/13/2019		5/11/2020		4/3/2020	12/18/2019	4/15/2020		
Cambridge Court Hoskins Road	9/30/2015	9/30/2016	9/30/2016		8/9/2017				10/14/2019	6/5/2019	Phase I 3/4/2020		Approved by Zoning
Highcroft Apts Powder Forest (Parcels 5 & 6)	4/10/2015			\$410,489.00 (8 Apt. Bldgs / Clubhouse)	-	10/1/2015	10/5/2015	2/23/2016	2/17/2016	1/26/2016	2/19/2016		
Highcroft Apts Powder Forest Town Homes	4/10/2015			\$196,560 (48 Townhomes)			10/5/2015		11/8/2019	6/4/2019			Next phase of Development
Meadowood													
Ridge at Talcott Mtn 200 Hopmeadow St		5/26/2016	6/8/2016	\$1,429,810 (estimated)		12/6/2017			Partially Complete	12/20/2019			

TOWN SEWER EXTENSION - PROGRESS

Request and Project Review									Design				Construction							
Initial Request		Included Addresses		Interest Card Sent		Preliminary Design/ Cost estimate	Public Hearing Date	Approved/ Denied	Survey	Design	ROW	Bid	Award	Begin	End	Total Cost	Comments	Bid Value	Linear FT Installed	Cost Per Linear FT
Address	Date			Date	Y	N														
Woodland Street Area	8/22/2019	22-85 Woodland Street 643 Hopmeadow Street	552-	12/19/2019	X		Design In Progress	3/12/2020	Approved											

- Comments:
- 1. Project has been delayed until additional easements have been executed.
 - 2. Project is complete.

s: WPCA / Sewer Extension Spreadsheet

Town of Simsbury

Water Pollution Control

Memorandum

To: Water Pollution Control Authority
From: Tony Piazza
Date: September 10, 2020
Re: June, July, August 2020 Summary Report

Permit Compliance: All permit requirements were met for the months of June, July and August.

Plant Operations: Staff has started the replacement of Programmable Logic Controllers (PLC). Staff is coordinating with the computer integrator from Tighe & Bond for installation. At this time two PLC's still need to be upgraded.

Staff has is continuing work with AECOM for the update of the Water Pollution Control Plan, the Water Pollution Control Facilities Plan, Analysis of the protective berm with the updated flood plain mapping, and an update on the phosphorous removal plan. AECOM engineers visited the site to perform an overall assessment for potential system upgrades.

Plant Water System: Staff has completed the installation of the new system. It has been fully operational since July.

Summary Data from the Monthly Operating Report

			Jul-20	Aug-20	Past 6 Months
PARAMETER		UNITS			
Average Daily Flow		mgd	1.58	1.59	1.87
Peak Daily flow		mgd	6.60	4.20	5.10
Total Septage Received		gallons	564,300	464,750	477,521
Population Equivalent		@0.17 lbBOD/capita/d	21,626	21,529	21,055

BOD	Influent	mg/L	279	276	233
	Final Effluent	mg/L	4	3	4
	Percent Removal	%	99	99	98.09

TSS	Influent	mg/L	343	273	268
	Final Effluent	mg/L	4	3	4
	Percent Removal	%	99	99	98.50

TN	Influent	mg/L	48.0	34.1	37.2
	Final Effluent	mg/L	2.5	1.8	2.7
	Percent Removal	%	95	95	92.60

P	Influent, Ortho P	mg/L	3.68	2.66	2.82
	Effluent, Ortho P	mg/L	1.48	1.54	1.34
	Influent, Total P	mg/L	6.33	4.17	5.17
	Effluent, Total P	mg/L	1.68	1.64	1.63
	Effluent, Total P	lb (46.65 lb/d TMDL)	22.14	21.75	25.15
	Percent Removal	%	73	61	67.37

Aeration					
	MLSS	mg/L	4750	4075	4206
	SVI	ml/g	113	125	139
	DO, Avg. High	mg/L	0.2	0.2	0.2
	DO, Avg. Low	mg/L	0.2	0.2	0.2
	F/M ratio		0.11	0.13	0.14
	Organic loading	lb BOD/700 ft3	33	33	32
	Solids production	lb slgd/lb BOD rem	1.19	1.07	1.12

Total Sludge Trucked		dry ton	67	60	60
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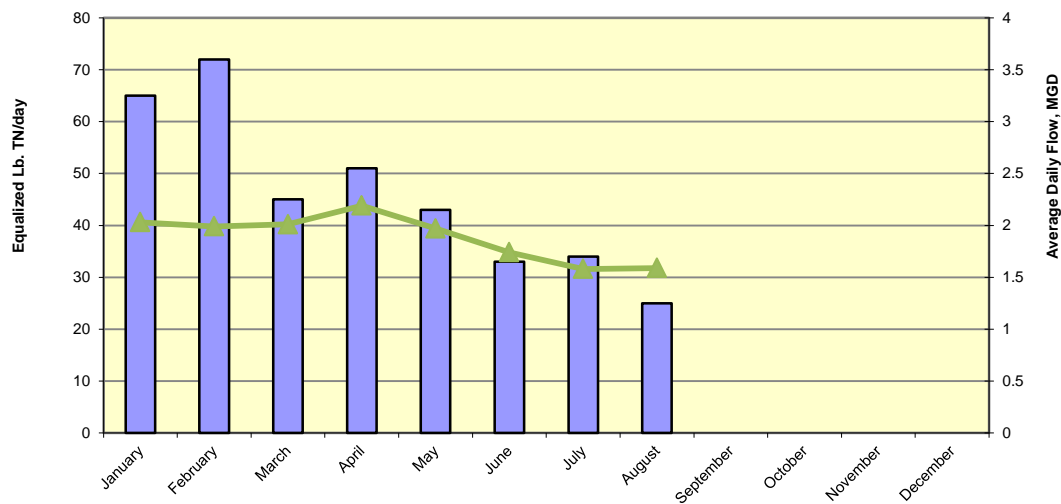
Month	Average Pounds TN/day	Excess Pounds TN/day	TN TMDL	Average Pounds Phos/day	TP TMDL	Monthly Avg Flow
January	65	-42	107	8	46.95	2.03
February	72	-35	107	27	46.95	1.99
March	45	-62	107	16	46.95	2.01
April	51	-56	107	28	46.95	2.19
May	43	-64	107	29	46.95	1.97
June	33	-74	107	33	46.95	1.74
July	34	-73	107	23	46.95	1.58
August	25	-82	107	22	46.95	1.59
September		-107	107		46.95	
October		-107	107		46.95	
November		-107	107		46.95	
December		-107	107		46.95	
Annual Average to date	46	-61		23		

Estimated Annual Cost @	\$ 4.60 per equivalent lb TN/day	
Amount due Simsbury	\$18,435	

TMDL	
Year	TN lb/d
2020	107

Equivalent pounds = excess x 0.18

Simsbury Effluent Total Nitrogen





Town of Simsbury

WATER POLLUTION CONTROL
36 Drake Hill Road Simsbury, Connecticut 06070

June 17, 2020

Nelson Construction
Chris Nelson
75 West Street
Simsbury, CT 06070

Re: Facility Connection Charge (FCC) for Highcroft Townhomes

Dear Mr. Nelson:

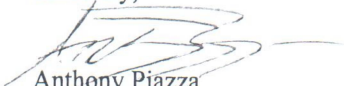
The Water Pollution Control Authority (WPCA) of the Town of Simsbury met on June 11, 2020 and discussed the revisions of the Facility Connection Charge (FCC) policy regarding the FCC for a townhome and a condominium.

After reviewing the minutes from the FCC Revision Subcommittee from 2011 and 2012, and the minutes of the WPCA public hearing held on November 8, 2012 on the FCC revision Policy, the WPCA discussed the issue. Using the information from the meeting minutes and the recollection of the WPCA members from that time, it was determined that a townhome was to be treated as a single family home as the FCC revision is applied. With this information, the FCC for each townhome will be \$4,095.

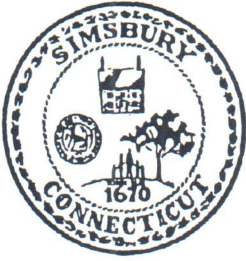
The FCC must be paid in full prior to the Town issuing the permanent CO for the facility. If you choose to finance the FCC, you must submit a request in writing to the Water Pollution Control Authority at 36 Drake Hill Road, Simsbury, CT 06070.

If there are any questions, please call 860-658-3258.

Sincerely,


Anthony Piazza
Superintendent

Cc: P. Gilmore, Chair WPCA
T. Roy, Director of Public Works
M. Glidden, Director of Planning



Town of Simsbury

WATER POLLUTION CONTROL
36 Drake Hill Road Simsbury, Connecticut 06070

August 26, 2020

Michaela Catallozzi
Project Manager
C.E. Floyd Company
19 Tuttle Place, Suite 2
Middletown, CT 06457

Re: Facility Connection Charge (FCC) - 1313 Hopmeadow Street, Big Y

Dear Michaela Catallozzi:

The FCC was established to collect funds from new or expanded sewer users for the additional sewer and treatment infrastructure that their flows require. An FCC is required for all new and expanded sewer service in the Town of Simsbury.

The Water Pollution Control Authority of the Town of Simsbury has completed an FCC review for the new facility based on the building plans and use. The FCC for the new structure at 1313 Hopmeadow Street will be \$79,853.

The FCC must be paid in full prior to the Town issuing the permanent CO for the facility.

If there are any questions, please call 860-658-3258.

Sincerely,

Anthony Piazza
Superintendent

Cc: P. Gilmore, Chair WPCA
T. Roy, Director of Public Works
M. Glidden, Director of Planning
G. Hesketh, F. A. Hesketh & Associates, Inc.

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
JUNE 11, 2020
“Subject to Vote of Approval”**

1. CALL TO ORDER

Paul Gilmore called the regular meeting of the Water Pollution Control Authority to order at 7:33 p.m. via a virtual Zoom meeting. The following members were present: Tom Hickey, Jay Sheehan, Michael Park, Jacques Brignac, and Lucian Dragulski. Also present were Tony Piazza, Superintendent, Thomas Roy, Director of Public Works and Alison Sturgeon, Clerk.

2. SAFETY BRIEF – Mr. Gilmore gave a safety brief noting during this pandemic, social distancing is extremely important in staying healthy.

3. DISCUSSION: FCC POLICY REGARDING CONDOMINIUMS AND TOWNHOUSES

Mr. Sheehan stated that the revision to the FCC policy was set in 2013; he also reviewed the Land Use Regulations for this discussion. He stated that when the FCC was set in 2013, a townhouse was defined as 10 units per acre site in terms of land use; single family was defined as up to 6 units per acre site. Condominiums were not defined in the Land Use Regulations. In terms of water usage, the only guidance is from the Connecticut Department of Public Health. He stated that there is a public health code that talks about residential buildings, which states that design flows for residential buildings are based on the number of bedrooms. The State does not distinguish between condominiums and townhomes; it is all under the heading of residential. Mr. Sheehan stated that he has done some research on what other states do and found a myriad of differences.

Mr. Piazza stated that he looked back at the meeting minutes from the FCC Subcommittee as well as the approval of the FCC policy at the WPCA meeting. At the Subcommittee’s final meeting on August 31, 2012, they made a recommendation to the WPCA, the policy as it is today with the prorated FCC for apartments and condominiums. The minutes also state that a townhome would be treated as a single family dwelling. Mr. Piazza stated that the minutes of the WPCA state that there was discussion regarding what is considered a condo, apartment and townhome and it was recommended that definitions be placed on each of those. He stated that the only definitions that were put into the policy were for condominiums and apartments.

In summary, Mr. Gilmore stated that the Subcommittee considered a townhome to be the same type of dwelling as a single family home. He stated that this shows that there was fair consideration of how a townhome should be treated at a time when they were considering providing a reduced charge for condominiums based upon number of bedrooms and square footage. Based on the research done by Mr. Sheehan and Mr. Piazza, he does not feel that the policy should be changed at this time.

Regarding the minutes from the FCC Subcommittee’s last meeting, Mr. Roy stated that this was a deliberate decision and that, reading from those minutes, “The term condominium was discussed. Mr. DiFata, Powder Forest Homes, stated that there are townhomes structured as condominiums, where an association owns the outside of the buildings. The definition of condominium needs to be very clear. Mr. Gilmore stated that his intent in using the term condominium is that it is a dwelling unit contained within a building of other dwelling units; it is not a freestanding structure or a PUD”.

Mr. Sheehan stated that he does not believe there has been any data presented that the policy should be changed at this time. Mr. Hickey agreed. Mr. Dragulski feels that the policy should treat everything the same, since a townhome would use the same amount of water as a condominium. There was a short discussion regarding water usage.

Mr. Gilmore questioned if the Authority members wanted to study this issue further, which they did not. There was consensus among the members that the policy should remain the same for the time being.

4. STATUS REPORT ON SEWER EXTENSION PROJECTS, ETC.

Mr. Roy stated that the Woodland Street project continues to be in the design phase. Mr. Piazza stated that the survey should be completed within the next day or so. Also, the Town is looking at purchasing the Meadowood property as open space.

5. TREATMENT FACILITY REPORT

Mr. Piazza stated that all permit requirements were met for the month of May. He stated that staff has started the replacement of Programmable Logic Controllers (PLC). Staff is coordinating with the computer integrator from Tighe & Bond for installation. Work is on hold due to travel. Staff is also continuing work with AECOM for the update of the Water Pollution Control Plan, the Water Pollution Control Facilities Plan, Analysis of the protective berm with the updated flood plain mapping, and an update on the phosphorous removal plan. AECOM engineers visited the site to perform an overall assessment for potential system upgrades.

Mr. Piazza stated that Granite Inliner has completed the first year of work for the project. Initial cleaning and video inspection started and the lining installation began the week of May 11, 2020 and was completed on June 2, 2020. A total of 12,711 linear feet of pipe was rehabilitated at a cost of \$508,440. A video inspection of the Tunxis force main was also completed as part of this work in anticipation of lining the force main next year. He stated that the plant water system has been delivered and the final parts will be delivered this week. Installation will be scheduled when staffing allows.

6. CORRESPONDENCE

The members of the Authority reviewed a letter from Mr. Piazza to Tom Daly of Milone & MacBroom regarding the facility connection charge for the McLean retirement community building.

7. MAY MEETING MINUTES – POSSIBLE APPROVAL

Mr. Sheehan made a motion to approve the May 14, 2020 minutes as written. Mr. Brignac seconded the motion, which was unanimously approved.

Mr. Sheehan made a motion to amend the agenda to include a discussion regarding industrial general permits. Mr. Hickey seconded the motion, which was unanimously approved.

Mr. Sheehan stated that a public hearing will soon be set for industrial general permits. The WPCA has an opportunity to write a letter regarding their comments and concerns, although this would need to be done soon. The State DEP used to handle all of the industrial wastewater permits for towns. He stated that all the industry in Town need to have an industrial discharge permit. That process has always been between the business owner and the State, although the State was never very good in including the local towns. Because of this, Simsbury does not have a record of all of the industrial users in Town; most towns do not as well. The State now wants all municipalities to take this over. There will be some additional costs to the Town in terms of looking at, issuing and monitoring these permits.

Mr. Piazza stated that the State is looking for towns to take industrial permitting over in October. It will put the onus on towns, who have no recourse for 6 months to come up with any type of fee structure because votes/approvals on fee structures are voted on in May by the WPCA. A public hearing would need to be held at a special meeting in order to incorporate a new fee schedule.

Mr. Sheehan stated that the WPCA has the following options: a letter could be written on behalf of this Authority; they could file for intervenor status; or they could be present at all of the hearings. He recommended that he and Mr. Piazza go to all of these meetings to represent Simsbury. He also volunteered to draft a letter to be read into the record at the public hearing requesting clear records of all businesses in Town that are industrial users as well as ample time to adjust their fee structures.

Mr. Piazza stated that Avon and Granby will need to give Simsbury their information of industrial users in those towns as well. He stated that although Simsbury will not be able to collect fees from those users, they will be

responsible for the enforcement of those permits. Mr. Roy stated that, with the industrial waste, if there was a high BOD content or another non-uniform waste stream, Simsbury will still be responsible to review it. Avon and Granby's responsibility would only be to convey the flow.

8. ADJOURN

Mr. Sheehan made a motion to adjourn the meeting at 7:45 p.m. Mr. Hickey seconded the motion, which was unanimously approved.

Paul Gilmore, Chairman