

Town of Simsbury

WATER POLLUTION CONTROL
36 DRAKE HILL ROAD
SIMSBURY, CONNECTICUT 06070

OFFICE HOURS
Monday - Friday 7:00 to 3:30
860-658-1380 or 860-658-3258
Fax: 860-658-6809

Watch Simsbury Water Pollution Control meetings LIVE and rebroadcast on Comcast Channels 96, 1090, Frontier Channel 6071 and LIVE streamed or on-demand at www.simsburytv.org

In Person / Virtual Meeting

Simsbury Water Pollution Control Authority
Regular Meeting

Thursday
November 10, 2022
7:00 p.m.

Simsbury WPC Facility
36 Drake Hill Road
Simsbury, CT 06070

A G E N D A

- 1) Safety Brief
- 2) PUBLIC HEARING - Hopmeadow Street/Woodland Street Sewer Upgrade Assessment
- 3) 10 Massaco Street, Apt P / Elderly Relief – Waiting on Information from Town Attorney
- 4) Belden Forest Court Condominiums – Waiting on Information from Town Attorney
- 5) Status Report on Sewer Extension Projects, etc.
- 6) Treatment Facility Report
- 7) Correspondence
- 8) October Meeting Minutes – Possible Approval
- 9) Adjourn

NOV 7 2022 4:25
RISH MURPHY, TOWN CLK

OCT 25 2022 AM 9:56
TRISH MURPHY, TOWN CLK

LEGAL NOTICE
TOWN OF SIMSBURY
WATER POLLUTION CONTROL AUTHORITY

The Simsbury Water Pollution Control Authority will hold a public hearing on Thursday, November 10, 2022 at 7:00 p.m. in the conference room at the Simsbury Water Pollution Control Facility, 36 Drake Hill Road, Simsbury, CT. The purpose of the hearing is to review and possibly vote on the proposed sewer assessments for 660 Hopmeadow St, for the Woodland St / Hopmeadow St sewer upgrade. This will be the one and only hearing of the Authority on this assessment. Any affected property owner may appear and be heard.

WATER POLLUTION CONTROL AUTHORITY
Paul Gilmore, Chairman

TOWN SEWER EXTENSION - PROGRESS

Request and Project Review						Design				Construction												
Initial Request		Included Addresses	Measurement / Interest Card Sent			Preliminary Design/ Cost estimate	Public Hearing Date	Approved/ Denied	Project Manager	Comments	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 552-643 Hopmeadow Street	12/19/2019	X		Design In Progress	3/12/2020	Approved		6/1/2020			7/6/2021	8/2/2021	8/31/2021		\$ 1,656,445.36		\$1,323,990.00			
Pine Hill Homeowner's Association	9/1/2021	1-11 Stebbins Brook Lane 1-12 Middle Lane 1-12 Woods Lane 1-3 South Road 33-39 Pine Hill Drive	5/12/2022	X																		
Sand Hill Road	4/4/2022	19-54 Sand Hill Road	5/25/2022							10/24/22												
Eagle Lane	5/10/2022	3-6 Eagle Lane	5/27/2022	X		8/15/2022	6/29/2022	Approved		8/1/2022	8/15/2022											

s: WPCA / Sewer Extension Spreadsheet

Town of Simsbury

Water Pollution Control

Memorandum

To: Water Pollution Control Authority
From: Tony Piazza
Date: November 10, 2022
Re: October 2022 Summary Report

Permit Compliance: All permit requirements were met for the month of October.

Plant Operations:

UV System has been taken off line for winter season and annual maintenance. Staff has been looking at potential issues that may come up and have been ordering parts as needed to overcome the delays in receiving products.

Sewer Lining

Granite InLiner will be returning in January to complete the lining of several sections of pipe that was unable to be done due to access issues. Staff will be reviewing the completed sections to determine any future needs.

Primary Clarifier Analysis:

Weston and Sampson was awarded the contract for the structural analysis of the clarifiers to determine what actions need to be taken to ensure the tanks can be ready for future use.

Staffing:

The construction inspector position interviews did not produce a fully qualified candidate, the job will be advertised again in January.

Summary Data from the Monthly Operating Report

Oct-22 Sep-22 Past 6
Months

PARAMETER

UNITS

Average Daily Flow		mgd	1.73	1.76	1.96
Peak Daily flow		mgd	4.80	6.50	4.76
Total Septage Received		gallons	687,550	656,500	445,314
Population Equivalent		@0.17 lbBOD/capita/d	22,831	27,457	27,844

BOD	Influent	mg/L	269	318	293
	Final Effluent	mg/L	3	2	3
	Percent Removal	%	99	99	98.88

TSS	Influent	mg/L	473	446	343
	Final Effluent	mg/L	4	4	3
	Percent Removal	%	99	99	99.00

TN	Influent	mg/L	46.0	44.0	43.6
	Final Effluent	mg/L	1.9	2.1	2.0
	Percent Removal	%	96	95	95.35

P	Influent, Ortho P	mg/L	3.18	2.26	3.09
	Effluent, Ortho P	mg/L	0.72	0.89	0.96
	Influent, Total P	mg/L	7.91	6.37	5.15
	Effluent, Total P	mg/L	0.90	1.18	1.29
	Effluent, Total P	lb (46.65 lb/d TMDL)	13.03	17.25	20.60
	Percent Removal	%	89	82	74.61

Aeration					
	MLSS	mg/L	3901	4160	5170
	SVI	ml/g	245	226	172
	DO, Avg. High	mg/L	0.2	0.2	0.2
	DO, Avg. Low	mg/L	0.1	0.1	0.1
	F/M ratio		0.14	0.16	0.13
	Organic loading	lb BOD/700 ft3	35	42	42
	Solids production	lb sludge/lb BOD rem	0.93	0.89	0.75

Total Sludge Trucked		dry ton	55	62	54
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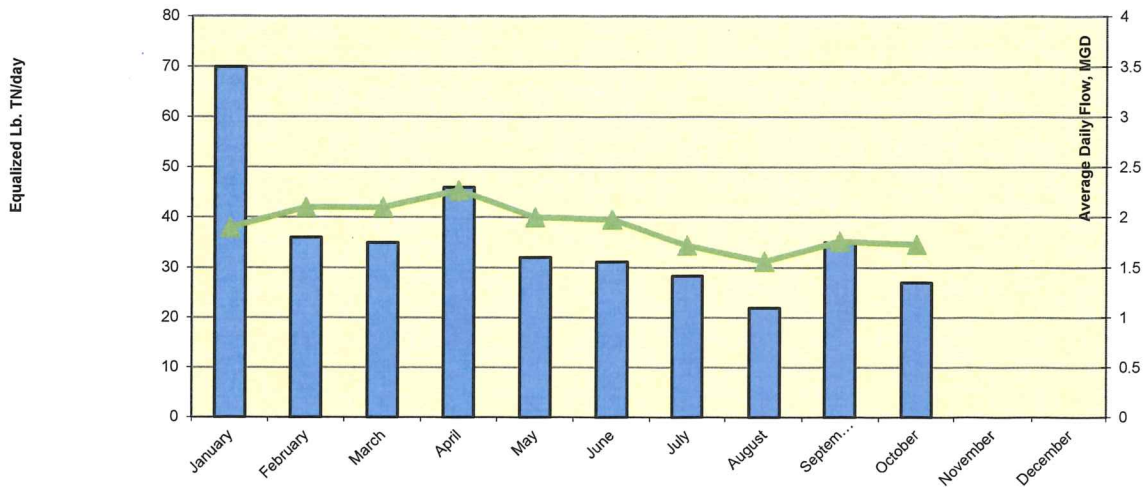
Month	Average Pounds TN/day	Excess Pounds TN/day	TN TMDL	Average Pounds Phos/day	TP TMDL	Monthly Avg Flow
January	69.9	-37	107	3	46.95	1.90
February	36	-71	107	16	46.95	2.10
March	35	-72	107	15	46.95	2.10
April	46	-61	107	19	46.95	2.27
May	32	-75	107	23	46.95	2.00
June	31.1	-76	107	26	46.95	1.98
July	28.3	-79	107	26	46.95	1.72
August	21.9	-85	107	22	46.95	1.56
September	35	-72	107	20	46.95	1.76
October	27	-80	107	13	46.95	1.73
November		-107	107		46.95	
December		-107	107		46.95	
Annual Average to date	36	-71		18		

Estimated Annual Cost @	\$ 1.36	per equivalent lb TN/day
Amount due Simsbury	\$6,324	

TMDL	
Year	TN lb/d
2020	107

Equivalent pounds = excess x 0.18

Simsbury Effluent Total Nitrogen



**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
OCTOBER 13, 2022
“Subject to Vote of Approval”**

1. CALL TO ORDER

Paul Gilmore called the regular meeting of the Water Pollution Control Authority to order at 7:02 p.m. via a Zoom meeting. The following members were present: Michael Park, Ed Kelly, Lucian Dragulski, and Jacques Brignac. Also present were Anthony Piazza, Superintendent, Michael LeClaire, Assistant Superintendent and Ray Harris, Department of Public Works Project Administrator.

2. SAFETY BRIEF – Mr. Gilmore cautioned everyone to be careful during the fall season. Driving can become hazardous when the leaves are wet on the roadway.

3. 10 MASSACO STREET, APT P / ELDERLY RELIEF – UNDER REVIEW BY THE TOWN ATTORNEY

Mr. Piazza stated that the changes to the Elderly Relief Policy are currently being reviewed by the Town Attorney. It will also be determined if the Town Code will need to be changed as well.

4. BELDEN FOREST COURT CONDOMINIUMS – CONTINUED DISCUSSION

Mr. Gilmore stated that this issue was discussed at the last meeting. The Commission decided to review the minutes and notes from the last meeting and discuss further whether or not to require an amendment to the policy of single unit ownership being equated to the assessment of one equivalent dwelling unit with respect to this particular complex and if this Commission has the power to change the policy if they wish to do so.

Mr. Piazza stated that a public hearing would be required if the Commission decided to change the policy. A public hearing would not be required if the WPCA granted a waiver for this one complex.

Mr. Kelly stated that granting a waiver would deviate from their policy. He stated that policies are guidelines that the WPCA adheres to.

Mr. Gilmore stated that this billing issue goes back about a decade when the policy was changed for non-residential customers and single meter apartment complexes. Their billing was changed to be calculated by water use. He noted that when this policy change was being drafted, it was observed that there would be wide variations in the bills that non-residential users would be seeing since the bills would now be based on water usage. There is not much recorded data as to why single meter apartment complexes were included in this policy change. He stated that although apartment buildings and condominiums are mostly constructed the same way, the policy is based upon how the dwelling units are owned.

Mr. Dragulski questioned if a precedent would be set if this waiver was approved. Mr. Kelly stated that this is a unique complex where there is only one water meter for all of the individually owned units. There is nothing similar to this complex in Simsbury. Mr. Piazza stated that he is not aware of any other complexes in Simsbury that have a single water meter for individually owned units. Also, which makes this complex different from others, is that Belden Forest Condominiums rents out several of the units, which are owned by them. Most condominium complexes in Town are 4-5 units per building; Belden Forest is approximately 40 units.

Mr. Piazza stated that, if the WPCA grants this waiver, a stipulation can be put in that if this complex changes from “elderly housing” that the billing would revert back to residential EDU billing.

Dr. Park stated that this is a unique situation. He feels that the billing should be left as it is currently being billed. Mr. Kelly stated that the problem he has is that it deviates from their policy; he feels that this complex falls under single family dwellings. There is also a definition issue in this policy. He suggested possibly changing the policy to state “non-residential customers and single meter apartment and condominium complexes”. Mr. Dragulski stated that this complex is more like an apartment building. He would recommend leaving the billing as it is currently being calculated for Belden Forest Court Condominiums.

Mr. Gilmore suggested considering changing the policy with respect to single metered complexes that are individually owned, such that the policy of one EDU for separately owned dwelling units set forth in multi-unit single metered complexes. Mr. Kelly agreed with the change since the ultimate goal is to have a measure of individual water use.

Mr. Kelly made a motion to revise the current policy such that for separately owned residential dwelling units set forth in multi-unit single metered complexes shall not be billed based upon an EDU but shall be billed upon water usage. Dr. Park seconded the motion.

Mr. Kelly amended the motion to state that this change will be brought before the Town Attorney to see if a public hearing is needed prior to instituting this change. Dr. Park seconded the amended motion.

Mr. Kelly suggested looking and possibly changing some of the definitions in this policy at the same time.

Mr. Gilmore asked that Mr. Piazza check with the Town Attorney regarding these changes to the policy and if a public hearing is needed.

Mr. Kelly withdrew his motion and tabled this discussion until the next meeting. Dr. Park seconded the motion.

5. 434 HOPMEADOW STREET – REQUEST FOR WAIVER

Mr. LeClaire stated that this is a request from the potential home buyer of 434 Hopmeadow Street. Because of the distance from the road, they would like to put in a septic system instead of connecting to the sewer. There is a lateral for this property at the main line. Section 130-6 of the Town Code, states that it is unlawful to construct or maintain any septic tank or other facilities intended or used for the disposal of sewage if sewers are available.

Mr. Gilmore stated that the Code is clear that it is unlawful. Since sewers are available, he would not be inclined to approve a waiver.

Mr. Piazza stated that the request is being made because of the cost to connect to the sewer. The potential buyer is also concerned with disturbing the roots of the mature trees in that area. He stated that he does not believe a waiver can be granted to someone who does not own the property.

Mr. Perry stated that he is in the process of closing on this house. His concern is that the current system has been in place since 1954. Another concern is having to pump the sewage such a long distance to the lateral. There are mature trees in the area of where the lateral would need to be installed.

Mr. Kelly questioned if there was a septic system there now. Mr. Perry stated that he believes there is a leach field in the backyard with a tank in the front. He is unsure of all of the details of the current system. Mr. Kelly stated that there is no obligation to connect to the sewer if the current system is working. Mr. Perry stated that there are issues with the current system. The cost to connect to the sewer would be over \$30,000; the cost of a septic would be \$18,000.

Mr. Gilmore stated that the reason for this policy, from an environmental prospective, is that sanitary sewer systems are better than private sewage disposal systems. This is driven by environmental policies.

Mr. Piazza stated that the only two waivers that the WPCA has granted in the past were for the repair of two different septic tank lids.

Mr. Gilmore stated that he does not see a basis for varying from the law in the Town Code.

Mr. Dragulski made a motion to deny the request for waiver for 434 Hopmeadow Street as presented. Mr. Brignac seconded the motion, which was unanimously approved.

6. PINE HILL HOMEOWNERS ASSOCIATION SEWER UPGRADE – POSSIBLY SET PUBLIC HEARING DATE

Mr. LeClaire recommended setting the public hearing for the December 8th meeting. This will give staff time to get everything in order for the public hearing.

Dr. Park made a motion to set the public hearing for the Pine Hill Homeowner's Association sewer upgrade on December 8, 2022. Mr. Kelly seconded the motion, which was unanimously approved.

7. HOPMEADOW STREET/WOODLAND STREET SEWER UPGRADE ASSESSMENT – POSSIBLY SET PUBLIC HEARING DATE

Mr. LeClaire suggested setting the public hearing for the November 10th meeting. The cost of construction came in at \$1,656,445.36. This cost will be assessed and paid over a period of 15 years.

Mr. Brignac made a motion to set the public hearing for the Hopmeadow Street / Woodland Street sewer upgrade assessment for November 10, 2022. Dr. Park seconded the motion, which was unanimously approved.

8. STATUS REPORT ON SEWER EXTENSION PROJECTS, ETC.

Mr. LeClaire stated that interest letters were sent out to Sand Hill Road. Only 5 responses were received out of the 16 letters sent. Two responses were in favor of learning more about sewers in that area; three responses were not in favor. Also, construction for the Eagle Lane sewer extension will begin next week.

9. TREATMENT FACILITY REPORT

Mr. LeClaire stated that all permit requirements were met for the month of September. The work on the secondary clarifier launder covers has proved to be successful to date with eliminating the growth of algae in the clarifiers. Staff has since put up sun blocking curtains around the UV system and will be covering the remaining part of the effluent channel this month.

Regarding sewer lining, Mr. LeClaire stated that this year's work has been completed. Staff will be reviewing the completed sections to determine any future needs. The lining of the Tunxis pump station force main was completed from 9/27 – 9/29. The new liner will ensure satisfactory operation of the system for the foreseeable future.

Mr. LeClaire stated that interviews have been completed for the construction inspector's position. Staff is coordinating a practical examination for the preferred candidates.

Mr. LeClaire stated that the grit from the treatment facility is now being transported to Fitchburg, MA. Past budget numbers were approximately \$11,000 per year for grit removal. It will now be approximately \$32,400 per year. This is a substantial difference. Mr. LeClaire stated that Tony has been drafting bid specs for a grit washer. It is expected to be approximately \$150,000.

Mr. LeClaire stated that Aquarion Water Company is holding a public hearing to raise their rates. They are looking to raise commercial rates 60%. Mr. Piazza stated that they are looking to increase residential rates 10% as well. He stated that he will hopefully attend the public hearing next week to listen to their justifications for this increase.

10. CORRESPONDENCE – None.

11. PROPOSED WPCA 2023 MEETING SCHEDULE – POSSIBLE APPROVAL

Mr. Dragulski made a motion to approve the WPCA 2023 meeting schedule as presented. Mr. Brignac seconded the motion, which was unanimously approved.

12. SEPTEMBER MEETING MINUTES – POSSIBLE APPROVAL

Dr. Park made a motion to approve the September meeting minutes as written. Mr. Dragulski seconded the motion, which was approved. Mr. Kelly abstained.

13. ADJOURN

Mr. Dragulski made a motion to adjourn the meeting at 8:05 p.m. Mr. Brignac seconded the motion, which was unanimously approved.

Paul Gilmore, Chairman