

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

NOV 16 2021 PM 3:08
RISH MUNROE, TOWN CLK
Simsbury, CT

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

Simsbury Water Pollution Control Authority Regular Meeting

Thursday
November 18, 2021
7:00 p.m.

A G E N D A

- 1) Safety Brief
- 2) Pine Hill Homeowner's Association Sewer Upgrade Request - Update
- 3) Status Report on Sewer Extension Projects, etc.
- 4) Treatment Facility Report
- 5) Correspondence
- 6) October Meeting Minutes – Possible Approval
- 7) Proposed WPCA 2022 Meeting Schedule – Possible Approval
- 8) Adjourn

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	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 643 Hopmeadow Street	552-	12/19/2019	X		Design In Progress	3/12/2020	Approved		6/1/2020			7/6/2021	8/2/2021	8/31/2021				\$1,323,990.00		

- 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: November 18, 2021
Re: October 2021 Summary Report

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

Plant Operations:

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. The draft copy of the plan should be completed by the end of October.

Sewer Lining

Granite Inliner will return in November to complete this year's work. The lining of the Tunxis Pump Station will be completed during the winter months after we received a more favorable price for excavation work.

Secondary Clarifier Launder Covers:

This project bid closing date was March 25th. RH White was will be awarded the contract for the work at a cost of \$147,000, this was approximately \$55,000 less than expected. We have been working with Tighe & Bond with a design issue regarding the building code for the wind and snow load of the covers. This will delay the installation with a start of December.

Staffing:

The open operator position was reposted since no favorable candidates were found.

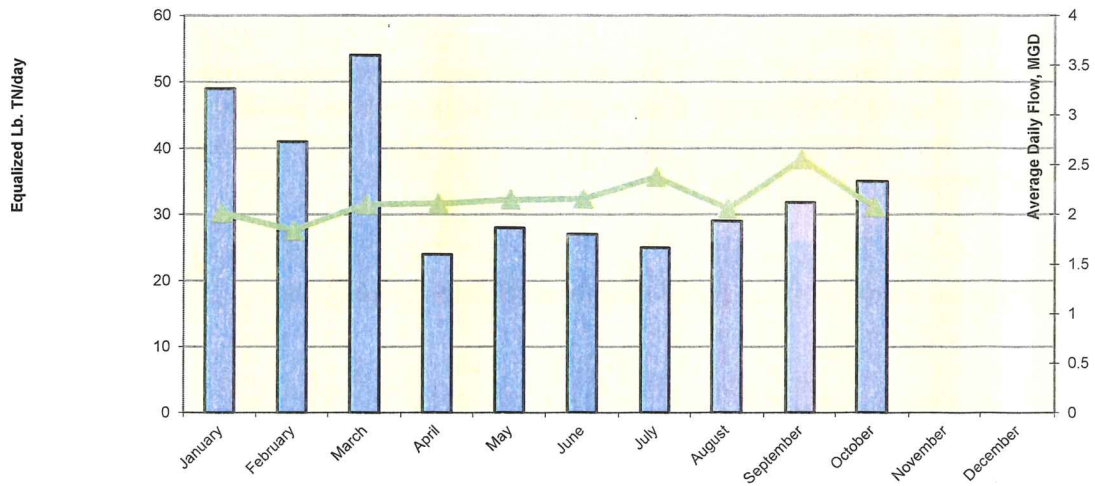
Month	Average Pounds TN/day	Excess Pounds TN/day	TN TMDL	Average Pounds Phos/day	TP TMDL	Monthly Avg Flow
January	49	-58	107	8	46.95	2.02
February	41	-66	107	19	46.95	1.84
March	54	-53	107	15	46.95	2.10
April	24	-83	107	14	46.95	2.11
May	28	-79	107	13	46.95	2.15
June	27	-80	107	23	46.95	2.16
July	25	-82	107	23	46.95	2.38
August	29	-78	107	19	46.95	2.06
September	31.8	-75	107	18	46.95	2.56
October	35	-72	107	15	46.95	2.08
November		-107	107		46.95	
December		-107	107		46.95	
Annual Average to date	34	-73		17		

Estimated Annual Cost @	\$ 1.36	per equivalent lb TN/day
Amount due Simsbury	\$6,489	

TMDL	
Year	TN lb/d
2020	107

Equivalent pounds = excess x 0.18

Simsbury Effluent Total Nitrogen



Summary Data from the Monthly Operating Report

PARAMETER	UNITS	Oct-21	Sep-21	Past 6 Months	
Average Daily Flow	mgd	2.08	2.56	2.21	
Peak Daily flow	mgd	5.70	8.80	5.74	
Total Septage Received	gallons	576,300	479,500	508,329	
Population Equivalent	@0.17 lbBOD/capita/d	28,470	25,495	27,235	
BOD	Influent	mg/L	279	203	252
	Final Effluent	mg/L	3	3	3
	Percent Removal	%	99	99	98.74
TSS	Influent	mg/L	429	288	301
	Final Effluent	mg/L	4	3	3
	Percent Removal	%	99	99	98.88
TN	Influent	mg/L	38.2	24.0	37.2
	Final Effluent	mg/L	2.0	1.6	1.6
	Percent Removal	%	95	93	95.59
P	Influent, Ortho P	mg/L	1.86	1.67	2.14
	Effluent, Ortho P	mg/L	0.75	0.71	0.77
	Influent, Total P	mg/L	5.29	3.26	4.70
	Effluent, Total P	mg/L	0.88	0.96	0.98
	Effluent, Total P	lb (46.65 lb/d TMDL)	15.23	20.58	18.14
	Percent Removal	%	83	70	77.80
Aeration	MLSS	mg/L	4590	4330	4916
	SVI	ml/g	189	191	174
	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		0.15	0.14	0.14
	Organic loading	lb BOD/700 ft3	43	39	41
	Solids production	lb sidg/lb BOD rem	0.75	0.86	0.88
Total Sludge Trucked	dry ton	56	55,000	7,911	

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
OCTOBER 14, 2021
“Subject to Vote of Approval”**

1. CALL TO ORDER

Paul Gilmore called the regular meeting of the Water Pollution Control Authority to order at 7:00 p.m. via a virtual Zoom meeting. The following members were present: Jacques Brignac, Lucian Dragulski, Tom Hickey, Jay Sheehan, Michael Park and Ed Kelly. Also present were Tony Piazza, Superintendent and Alison Sturgeon, Clerk.

2. SAFETY BRIEF - Mr. Gilmore stated to please be aware of the increased deer activity while driving.

3. 885 HOPMEADOW STREET – SEWER USE FEE WAIVER REQUEST

Mr. Piazza stated that this agenda item is a continuation from the last meeting. The property owner was not able to get a letter from Aquarion stating that there was a leak, although repair bills were submitted. He stated that the water usage for the years between 2015 and 2018 were calculated into a minimum sewer use charge. The water usage increased in 2019 and 2020, which is when the leak was discovered. The leak was repaired in September of 2020. The property owner is requesting a credit based on this repair.

Mr. Sheehan stated that the Authority members wanted to see the details of water usage for the prior years. They were trying to understand the amount of water that leaked and what this would equate to in terms of a credit.

Mr. Piazza stated that Aquarion reads meters on a monthly basis. He would assume that the water data would be back to the normal usage since the repair has been made. Mr. Gilmore stated that this seems to be an anomaly. He asked what the recommendation of Town staff was regarding this waiver request. Mr. Piazza recommended that an adjustment be made in order for the sewer use bill to be the minimum bill of \$360 for at least last year, if not the year prior.

Mr. Dragulski stated that this issue seems to have started in 2019. He questioned if the credit should be for both years and not just one year. Mr. Gilmore questioned if the property owner has already paid the 2020 and 2021 sewer use bills. It was stated that the owner has paid them in full and is looking for reimbursement.

Mr. Sheehan questioned if this would be a credit or a reimbursement. Mr. Piazza stated that it would be a reimbursement.

Dr. Park made a motion that there be a redetermination of what the proper bill would be for the years 2020 and 2021 for 885 Hopmeadow Street and to determine the excess amount paid during that period and reimburse the property owner for the difference. Effectively, the property owner will pay the minimum bill of \$360.00 for each of the two years, 2020 and 2021. Mr. Hickey seconded the motion, which was unanimously approved.

4. 37-39 BUSHY HILL ROAD – WAIVER REQUEST

Mr. Piazza stated that this is a two-family home, which is part of the Davey-Bickford Association. The property owner believes he is being unfairly charged and that he should not be charged for 2 equivalent dwelling units (EDUs), but only 1 EDU. Mr. Piazza stated that based on the Sewer Use Policy, each single-family unit in a multi-family structure is billed one dwelling unit each per year. This policy was put in place in 2010/11.

Mr. Gilmore questioned if Mr. Piazza has received any other complaints regarding the Sewer Use Policy. Mr. Piazza stated that he has not received any other complaints. Mr. Gilmore questioned how many multi-family dwellings are serviced by the sanitary sewer in Simsbury. Mr. Piazza stated that he is not sure, although he would estimate that number to be several hundred.

Mr. Gilmore questioned if anyone on the Water Pollution Control Authority wanted to re-examine the Sewer Use Policy at this time. Mr. Hickey questioned if other municipalities share in this same practice in terms of charging multi-family homes. Mr. Piazza stated that they do. He stated that the sewer use charges are billed to the association and not the individual homeowners in this particular case.

Mr. Kelly made a motion to deny the waiver request for 37-39 Bushy Hill Road based on this being the standard billing policy. Dr. Park seconded the motion, which was unanimously approved.

5. CAPITAL ACCOUNT INCREASE – HOPMEADOW ST/WOODLAND ST SEWER UPGRADE PROJECT

Mr. Piazza stated that the original budget amount for this project was \$1.2 million. The bid came in a little high and the bid alternate was also added in for the work that will be happening inside of Dyno Nobel. The total bid is just over \$1.5 million. He is requesting to add in additional funds totaling \$366,500. This amount would be transferred from the Sewer Assessment Fund to cover the cost of the remaining part of this project. Mr. Piazza stated that Dyno Nobel will be reimbursing the Sewer Assessment Fund for the entire project costs. They will be assessed over a ten-year period to pay back the money, which is typical of all sewer extension projects.

Mr. Kelly questioned if Dyno Nobel was aware of these increased costs. Mr. Piazza stated that they were aware.

Mr. Sheehan made a motion to transfer \$366,500 from the Sewer Assessment Fund to the Capital Account for this project. Mr. Brignac seconded the motion, which was unanimously approved.

6. STATUS REPORT ON SEWER EXTENSION PROJECTS, ETC.

Mr. Piazza stated that the video inspection for Griswold Place, Carson Way, has been done, although they are still waiting for the air test report. He stated that the Woodland Street sewer upgrade project is going well. They will be finishing up the south end tomorrow and Sunday night will start the Hopmeadow Street portion of the project.

7. TREATMENT FACILITY REPORT

Mr. Piazza stated that due to the severe rain event on September 2nd & 3rd, the plant experienced a high flow event and peaked at 8.8 MGD. All permit requirements were met for the month of September.

Mr. Piazza stated that staff has continued to 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. The draft copy of the plan should be completed by the end of October. Granite Inliner will return in November to complete this year's work. The lining of the Tunxis Pump Station force main may have to be delayed due to quotes for excavation work being extremely high. Granite Inliner is seeking alternate companies for the work.

Regarding the secondary clarifier launder covers, Mr. Piazza stated that this project bid's closing date was March 25th. RH White was awarded the contract for the work at a cost of \$147,000, which was approximately \$55,000 less than expected. Staff has been working with Tighe & Bond with a design issue regarding the building code for the wind and snow load of the covers. This will delay the installation until December.

Mr. Piazza stated that the inspector position has been offered to Anthony Lopez with an anticipated start date of October 25th. The open operator position interviews have been scheduled for the week of October 18th.

8. CORRESPONDENCE

The Water Pollution Control Authority members reviewed a letter from Tony Piazza to the owner of 1243 Hopmeadow Street regarding the approval of his waiver request.

9. SEPTEMBER MEETING MINUTES – POSSIBLE APPROVAL

Mr. Sheehan made a motion to approve the September 9, 2021 minutes as written. Mr. Kelly seconded the motion, which was approved. Mr. Gilmore and Dr. Park abstained.

10. ADJOURN

Water Pollution Control Authority

October 14, 2021

Page 3 of 3

Mr. Sheehan made a motion to adjourn the meeting at 7:29 p.m. Mr. Hickey seconded the motion, which was unanimously approved.

Paul Gilmore, Chairman

Town of Simsbury Water Pollution Control

Memorandum

To: Trish Munroe, Town Clerk
From: Alison Sturgeon
Date: November 19, 2021
Re: Simsbury WPCA 2022 Meeting Schedule

January 13, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
February 10, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
March 10, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
April 14, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
May 12, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
June 9, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
September 8, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
October 13, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
November 10, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
December 8, 2022	7:00 p.m.	Water Pollution Control Facility Conference Room
January 12, 2023	7:00 p.m.	Water Pollution Control Facility Conference Room