

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, 990, 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
March 9, 2023
7:00 p.m.

WPCF
36 Drake Hill Road
Simsbury, CT 06070

A G E N D A

- 1) Safety Brief
- 2) PUBLIC HEARING - Pine Hill Homeowner's Association Sewer Upgrade
- 3) Sewer Use Fees for FY 2023/24 – Discussion and Possibly Set Public Hearing Date
- 4) Status Report on Sewer Extension Projects, etc.
- 5) Treatment Facility Report
- 6) Correspondence
- 7) February Meeting Minutes – Possible Approval
- 8) Adjourn

TOWN CLERK'S OFFICE

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Town of Simsbury

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TOWN CLERK'S OFFICE

LEGAL NOTICE
TOWN OF SIMSBURY
WATER POLLUTION CONTROL AUTHORITY

The Simsbury Water Pollution Control Authority will hold a public hearing on Thursday, March 9, 2023, at 7:00 pm in the Conference Room at the Simsbury Water Pollution Control Facility, 36 Drake Hill Road, Simsbury, CT. The purpose of this hearing is to review a proposal and possibly take action for upgrading the sanitary sewers which serve: 1-12 Middle Lane; 1-12 Woods Lane; 1-7 and 9 & 11 Stebbins Brook Lane; 1 & 3 South Road; 33, 35, 37 & 39 Pine Hill Drive; and 553 Hopmeadow Street, Simsbury, CT. All interested property owners shall have the opportunity to appear and be heard.

WATER POLLUTION CONTROL AUTHORITY
Paul Gilmore, Chairman

Pine Hill Homeowner's Association, 553 Hopmeadow St Sewer Upgrade

Summary

The Pine Hill Homeowner's Association has requested from the WPCA to upgrade the sanitary sewers in Stebbins Brook Ln, Middle Ln, Woods Ln, South Rd and Pine Hill Dr. This upgrade would also include 553 Hopmeadow St.

An initial public hearing was held on the project in December of 2022 with an estimate for the work being \$975,000. The Association determined they would have to vote on the additional funds, and the public hearing was closed.

On January 18, 2023, Town staff was informed that the Association approved the estimated budget.

At their February 9, 2023 meeting, the WPCA set the public hearing for March 9th.

Staff Analysis

Staff has provided this budget based on past construction projects and has been working on initial layout for the project.

Draft Motions

If the board wants to move forward -

Move to proceed with the sewer upgrade in the Pine Hill Homeowner's Association and 553 Hopmeadow Street as presented.

Sewer Use Fees for FY 23/24 – Discussion and Possibly Set Public Hearing

Summary

The last increase for the sewer use fees was in FY 19/20. The fee was increase from \$352 to \$360 per EDU for residential customers and from \$4.46 to \$4.56 per CCF for non-residential customers.

Staff Analysis

Staff has performed an updated financial modeling for the expected revenue and expenditures through the fiscal year 2029. Based on current projections, with no increase in the sewer use rates, the sewer reserve fund would be depleted to a level of approximately \$2,000,000 in FY 2028. Staff recommends that the board increase the sewer use rates by 4%, this would increase the residential rate to \$475 and the commercial rate to \$4.86/CCF. This increase will assure the reserve fund is adequately maintained up to the renewal of the NPDES Permit in 2024.

Draft Motions

If the board would like to increase sewer user fees -

Move to set a public hearing regarding the sewer use fees for FY 23/24 for the WPCA meeting on April 13, 2023.

If the board would not like to increase sewer user fees –

Move to keep the residential and non-residential sewer use fees the same at \$360/EDU for residential customers and \$4.56/CCF for non-residential customers for FY 23/24.

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	5/24/2022	\$ 1,656,445.36		\$1,323,990.00	6555	\$ 252.70	
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			12/14/2022			10/24/22												#DIV/0!
Sand Hill Road	4/4/2022	19-54 Sand Hill Road	5/25/2022	X																		#DIV/0!
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			10/14/2022	10/17/2022				85000	606	\$ -	

s: WPCA / Sewer Extension Spreadsheet

Town of Simsbury

Water Pollution Control

Memorandum

To: Water Pollution Control Authority
From: Mike LeClaire
Date: March 9, 2023
Re: February 2023 Summary Report

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

Plant Operations:

With the warmer than expected winter, staff has been containing a foaming issue on the secondary clarifiers; this has not impacted any process or permit requirements. It is more of a nuisance issue.

Staff is also installing a new chemical metering system for the odor control scrubber. The new system will update the pumps and replace several older valves.

Sewer Lining:

Granite InLiner is scheduled to come back to complete the lining of several sections of pipe in Tariffville and along Hopmeadow St. This work will complete the three-year contract for the work. Staff will be reviewing the completed sections to determine any future needs.

Primary Clarifier Analysis:

Weston and Sampson has completed the initial analysis and has provided the initial report to Town staff. We are currently reviewing the report to determine what actions need to be taken to ensure the tanks can be ready for future use. The estimates have come in. Alternate #1 came in at \$120,000; Alternate # 2 came in at \$380,000.

PLC Replacement:

Town staff and a Tighe & Bond engineer continue to replace the PLCs. The last process to replace is solids handling. The parts have arrived and we are working to schedule installation for the end of March.

Eagle Lane:

All lines are installed with inverts and drops. Town staff has videoed all lines and found no problems or deficiencies.

Summary Data from the Monthly Operating Report

Jan-23 Feb-23 Past 6 Months

PARAMETER

UNITS

Average Daily Flow		mgd	2.27	2.27	
Peak Daily flow		mgd	4.70	4.40	
Total Septage Received		gallons	311,650	214550	
Population Equivalent		@0.17 lbBOD/capita/d			

BOD	Influent	mg/L	272	270	
	Final Effluent	mg/L	7	8	
	Percent Removal	%	97	97	

TSS	Influent	mg/L	303	340	
	Final Effluent	mg/L	5	5	
	Percent Removal	%	98	99	

TN	Influent	mg/L	40.0	26.0	
	Final Effluent	mg/L	2.6	2.6	
	Percent Removal	%	94	90	

P	Influent, Ortho P	mg/L	2.86	1.41		
	Effluent, Ortho P	mg/L	0.72	0.23		
	Influent, Total P	mg/L	5.80	4.61		
	Effluent, Total P	mg/L	0.89	0.94		
	Effluent, Total P	lb (46.65 lb/d TMDL)		16.85	16.96	
	Percent Removal	%	85	80		

Aeration	MLSS	mg/L	4547	4706	
	SVI	ml/g	207	190	
	DO, Avg. High	mg/L	0.3	0.33	
	DO, Avg. Low	mg/L	0.2	0.21	
	F/M ratio		0.16		
	Organic loading	lb BOD/700 ft3	46		
	Solids production	lb sldg/lb BOD rem	0.70		

Total Sludge Trucked		dry ton	55	54	
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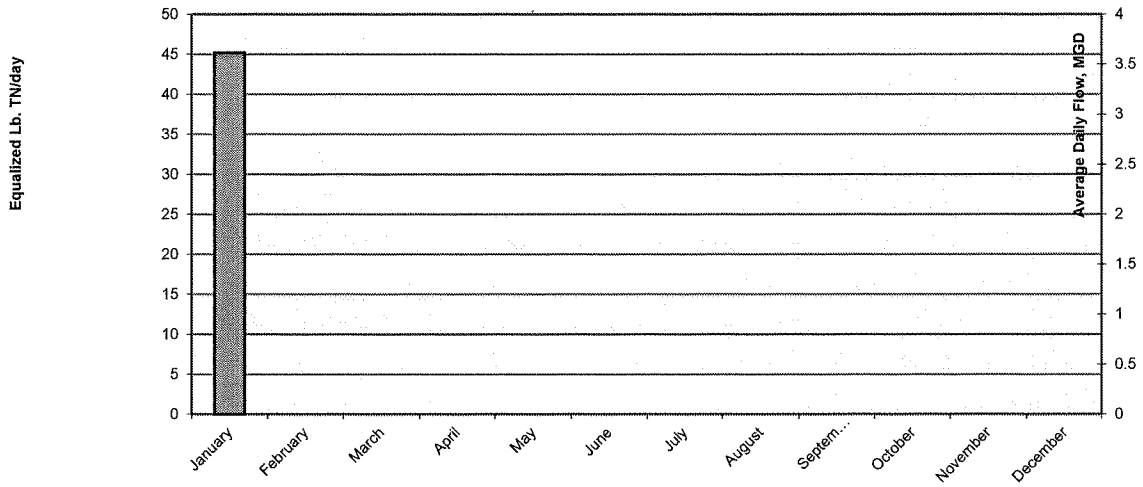
Month	Average Pounds TN/day	Excess Pounds TN/day	TN TMDL	Average Pounds Phos/day	TP TMDL	Monthly Avg Flow
January	45.2	-62	107	15	46.95	2.27
February	46.5	-60.5	107	17	46.95	2.09
March		-107	107		46.95	
April		-107	107		46.95	
May		-107	107		46.95	
June		-107	107		46.95	
July		-107	107		46.95	
August		-107	107		46.95	
September		-107	107		46.95	
October		-107	107		46.95	
November		-107	107		46.95	
December		-107	107		46.95	
Annual Average to date	45.9	-61.25		16		

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

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

February 14, 2023

Tony Uanino, Director
Belden Forest Court
40 Firetown Road
Simsbury, CT 06070

Re: Determination of Sewer Use Fees for Belden Forest Court - 40 Firetown Road

Dear Mr. Uanino:

After review of documentation provided and the unique situation where privately-owned homes are functioning like apartments, the Simsbury Water Pollution Control Authority (WPCA) has determined that the Belden Forest Court complex at 40 Firetown Road in Simsbury will be defined as a commercial property for Sewer Use billing purposes. As a commercial property, the Sewer Use billing will be based on water consumption.

The Simsbury WPCA reserves the right to evaluate this billing in the future if the operational status of the business changes.

Thank you for your patience on this matter.

Anthony Piazza
Superintendent
Simsbury WPCA

cc:

Simsbury WPCA

Thomas Roy, Director of Public Works



Town of Simsbury

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February 15, 2023

Resident
Pine Hill Homeowner's Association
Simsbury, CT 06070

RE: Proposed Sewer Upgrade

Dear Homeowner:

The Simsbury Water Pollution Control Authority will be holding a virtual / in-person public hearing on Thursday, March 9, 2023, at 7:00 p.m. in the Conference Room at the Simsbury Water Pollution Control Facility, 36 Drake Hill Road, Simsbury, CT. A Zoom link for the meeting will be provided by request.

The purpose of this hearing is to review the proposal, receive public comments and possibly take action relating to the upgrade of the sanitary sewers which serve: 1-12 Middle Lane; 1-12 Woods Lane; 1-7 and 9 & 11 Stebbins Brook Lane; 1 & 3 South Road; 33, 35, 37 & 39 Pine Hill Drive; and 553 Hopmeadow Street, Simsbury, CT.

If you are unable to attend this meeting, please feel free to write a letter to the Chairman of the Authority, which will be read into the record at the public hearing. This letter can be sent to the Water Pollution Control facility at 36 Drake Hill Road, Simsbury, CT.

Enclosed please find a copy of the public hearing notice. Please do not hesitate to call me at (860) 658-1380 with any questions.

Sincerely,

Alison Sturgeon
Administrative Secretary

Enclosure

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
FEBRUARY 9, 2023
“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 Zoom meeting. The following members were present: Jay Sheehan, Ed Kelly, Michael Park, Lucian Dragulski, and Jacques Brignac. Also present were Anthony Piazza, Superintendent, Tom Roy, Director of Public Works, and Alison Sturgeon, Administrative Secretary.

2. SAFETY BRIEF – Mr. Gilmore stated that people should be mindful of black ice and freezing rain while driving during the winter months.

3. BELDEN FOREST COURT CONDOMINIUMS – CONTINUED DISCUSSION

Mr. Gilmore stated that at the last meeting, the WPCA had a healthy discussion regarding the Belden Forest Court Condominium complex. He recently went on their website; the self-description of their community appears to be functioning as a business. For example, he stated that for safety reasons, each unit is equipped with call signals, which summons immediate assistance. They also have a beauty salon/barber shop on the premises; they provide weekly linen and cleaning services; provide transportation services for people within the community; and social activities to name a few. Mr. Gilmore stated that he feels this facility does not resemble a condominium or apartment complex because of all of the services which they provide. Although they are mostly individually owned, the real driver is in the nature of their business, which is alternative living. He feels it would be appropriate to classify this complex as non-residential.

Mr. Kelly stated that it would be ideal, eventually, if everyone was individually metered and billed based on actual flow. Simsbury businesses are already billed this way. He agrees that this complex should be billed on usage as well. Mr. Gilmore stated that the WPCA needs to base their decisions off of the current policy and not make decisions based upon their future ideals.

Mr. Dragulski stated that the Authority could grant an exception in this case; this complex is unique. Mr. Gilmore stated that if they classify this complex as a business, an exception would not be needed.

Mr. Kelly questioned who defines what a business is. Mr. Piazza stated that the definitions are taken from the Planning Department.

Dr. Park stated that his initial concern was that an exception might tweak the definition of a business and others would possibly claim the same thing. This is such a unique situation, he does not think this will happen.

Mr. Sheehan stated that the Sewer Use Billing Policy has two classifications, which are residential and non-residential. He agrees this complex would fall under non-residential.

Mr. Roy stated that this complex is unique. If the Authority truly feels that this is a business, the plant would be made whole for any flow coming into the treatment plant because what is coming in is being paid for.

Mr. Sheehan made a motion that the Belden Forest Court Condominium complex would be properly characterized as a business given the level of services that are provided by the management of the property and that based upon that classification, the Sewer Use Billing Policy calls for them to be billed on actual usage. Mr. Dragulski seconded the motion, which was unanimously approved.

4. DYNNOBEL ASSESSMENT REQUEST – DISCUSSION

Mr. Piazza stated that the Woodland Street sewer upgrade was completed in the summer of 2022. The contract that was signed was for a 10-year payback period. In November of 2022, the WPCA changed the payback of assessments to 15 years. Dynno Nobel is requesting their payback be changed from 10 years to 15 years.

Mr. Gilmore questioned what the cost would be to the Town if this request was granted. Mr. Piazza stated the documents have not been recorded yet; there would be no cost involved. The first billing for the assessment would not go out until November 2023.

Mr. Gilmore stated that if they change the period for Dyno Nobel, what would stop everyone from requesting the same. He stated that it is important to treat everyone fairly unless the situations were different.

Mr. Kelly stated that the difference in this instance is that the billing cycle has not started as of yet. Mr. Gilmore stated his concern regarding people who are paying over ten years wanting to switch to 15 years. Mr. Roy stated that he does not think people will want to switch since the Town's bond rating has increased significantly in the past year. He also believes that the Town would be reluctant to be in the "refinance" business.

Mr. Kelly made a motion to approve Dyno Nobel's request for their assessment to be changed to a 15-year amortization. The first payment in November 2023 would be under the new 15-year schedule. Mr. Sheehan seconded the motion, which was approved. Mr. Brignac opposed the motion.

5. PINE HILL HOMEOWNER'S ASSOCIATION SEWER UPGRADE – POSSIBLY SET PUBLIC HEARING

Mr. Piazza stated that the WPCA held a public hearing in December 2022 for the Pine Hill Homeowner's Association sewer upgrade. The construction estimate is \$975,000, which was above what the Association originally approved. Last month, the Association voted and approved to move forward with the full amount of \$975,000. Mr. Piazza stated that another public hearing is needed.

Dr. Park made a motion to set the public hearing for the Pine Hill Homeowner's Association sewer upgrade for March 9, 2023. Mr. Sheehan seconded the motion, which was unanimously approved.

6. STATUS REPORT ON SEWER EXTENSION PROJECTS, ETC. – No report.

7. TREATMENT FACILITY REPORT

Mr. Piazza stated that all permit requirements were met for the month of January. He stated that with the warmer than expected winter, staff has been containing a foaming issue on the secondary clarifiers; this has not impacted any process or permit requirements. It is more of a nuisance issue. Staff is also installing a new chemical metering system for the odor control scrubber. The new system will update the pumps and replace several older valves.

On Sunday, January 22, staff received a call regarding a sewer back up at 30 Selma Court. Staff found that the 14-inch line on Hopmeadow Street was backed up due to a grease build up prior to the syphon. Staff worked throughout the night and cleared the line to reestablished flow. All reports have been filed with the State DEEP.

Mr. Piazza stated that Granite InLiner is scheduled to be in next week to complete the lining of several sections of pipe in Tariffville and along Hopmeadow Street. This work will complete the three-year contract for the work. Staff will be reviewing the completed sections to determine any future needs.

Regarding the primary clarifier analysis, Mr. Piazza stated that Weston and Sampson has completed the initial analysis and has provided the initial report to Town staff. We are currently reviewing the report to determine what actions need to be taken to ensure the tanks can be ready for future use.

8. CORRESPONDENCE – None.

9. JANUARY MEETING MINUTES – POSSIBLE APPROVAL

Mr. Brignac made a motion to approve the January 12, 2023 minutes as written. Dr. Park seconded the motion, which was approved. Mr. Kelly abstained.

10. ADJOURN

Mr. Sheehan made a motion to adjourn the meeting at 7:41 p.m. Mr. Kelly seconded the motion, which was unanimously approved.

Paul Gilmore, Chairman