

## 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

860-658-1380 or 860-658-3258 Fax: 860-658-6809

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Watch Simsbury Water Pollution Control meetings LIVE and rebroadcast on Comcast Channels 96, 1090, Frontier Channel 6071 and LIVE streamed or on-demand at <a href="https://www.simsburytv.org">www.simsburytv.org</a>

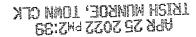
In Person / Virtual Meeting – Main Meeting Room, Town Hall

#### Simsbury Water Pollution Control Authority Regular Meeting

Thursday May 12, 2022 7:00 p.m. 933 Hopmeadow Street Simsbury, CT 06070 Main Meeting Room

#### AGENDA

- 1) Safety Brief
- 2) PUBLIC HEARING Industrial Use Permit Registration and Fats, Oil and Grease Registration Fees
- 3) Belden Forest Court Condominiums Discussion
- 4) Status Report on Sewer Extension Projects, etc.
- 5) Treatment Facility Report
- 6) Correspondence
- 7) April Meeting Minutes Possible Approval
- 8) Adjourn





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## LEGAL NOTICE TOWN OF SIMSBURY WATER POLLUTION CONTROL AUTHORITY

The Water Pollution Control Authority will hold a public hearing at their meeting on Thursday, May 12, 2022, in the Main Meeting Room at the Simsbury Town Hall, 933 Hopmeadow Street, Simsbury, CT at 7:00 p.m. The meeting can be watched live and will be rebroadcast on Comcast Channels 96, 1090, Frontier Channel 6071 and LIVE streamed or on-demand at <a href="https://www.simsburytv.org">www.simsburytv.org</a>. The purpose of this hearing is to review the proposal to set the fee structure for the Industrial Use Permit Registration and the Fats, Oil and Grease (FOG) Registration. Affected property/business owners shall have an opportunity to be heard concerning the proposed fee structure.

WATER POLLUTION CONTROL AUTHORITY
Paul Gilmore, Chairman

#### TOWN SEWER EXTENSION - PROGRESS

	Request and Project Review									Design				Construction							
Initial Rec	quest	Included Addresses	Measuren Interest Car		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 (	Cost Per Linea
Address	Date		Date	Y N									1								
Woodland Street		22-85 Woodland Street																			
Area	8/22/2019	552-643 Hopmeadow Street	12/19/2019	×	Design In Progress	3/12/2020	Approved			6/1/2020			7/6/2021	8/2/2021	8/31/2021			1 1	\$1,323,990.00		
	1	1-11 Stebbins Brook Lane											1						, =/-=-/-		
		1-12 Middle Lane						1							I						
Pine Hill		1-12 Woods Lane																		i I	
lomeowner's		1-3 South Road	1 1																	l i	
Association	9/1/2021	33-39 Pine Hill Drive	5/12/2022							-											
Sand Hill Road	4/4/2022						1		1									1		<del>                                     </del>	

s: WPCA / Sewer Extension Spreadsheet

#### DEVELOPER INSTALLED SEWER PROJECTS - PROGRESS

evelopment / ddress 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	Comments
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
Griswold Place Powder Forest (Phase III)	4/10/2015			\$73,710 (18 Single Family Units)		2/8/2021		÷	10/12/2021				, , , , , , , , , , , , , , , , , , , ,
Ridge at Talcott Mtn 200 Hopmeadow St	4/10/2013	5/26/2016	6/8/2016	\$1,429,810 (estimated)		2/8/2021 12/6/2017			10/13/2021 Partially Complete	12/20/2019			final pavement needs to be completed.
36 Iron Horse Blvd													

# Town of Simsbury Water Pollution Control

## Memorandum

**To:** Water Pollution Control Authority

From: Tony Piazza

**Date:** May 12, 2022

Re: April 2022 Summary Report

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

#### **Plant Operations:**

Staff 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. Corrections are being made to the draft copy of the plan and will be provided when complete.

On April 26<sup>th</sup>, the influent sampler failed resulting in a lost scheduled sample day. The sampler was replaced and all testing was rescheduled for later in the week. A report was filed with the State DEEP on the issue

#### **Sewer Lining**

Staff has provided a list of lines to be completed in the Tariffville section of town as well as several lines along Hopmeadow St. The Tunxis Pump Station force main will be part of this project. This year's work is scheduled to be completed in July.

#### Staffing:

Michael Morin and Lee Schmidt have started as plant operators and bring skill sets that will be a benefit to the WPCF staff.

PARAMETER		UNITS	Apr-22	Mar-22	Past 6 Months
Average Daily Flow		mgd	2.27	2.10	2.06
Peak Daily flow		mgd	6.70	4.60	5.10
Total Septage Received		gallons	505,150	326,100	382,607
Population Equivalent		@0.17 lbBOD/capita/d	29,734	26,168	26,853
			·		
BOD	Influent	mg/L	267	254	266
	Final Effluent	mg/L	2	4	5
	Percent				
	Removal	%	99	98	98.27
TSS	Influent	mg/L	307	279	343
	Final Effluent	mg/L	3	4	5
	Percent				
	Removal	%	99	99	98.54
Г <u></u>	T	1			
TN	Influent	mg/L	40.0	40.3	39.3
	Final Effluent	mg/L	2.4	2.0	2.6
	Percent Removal	%	04	05	02.20
	Removal	70	94	95	93.38
	Influent, Ortho		<u> </u>	1	
Р	P	mg/L	2.71	2.87	2.53
	Effluent, Ortho		— — — · · ·		2.00
	Р	mg/L	0.74	0.75	0.63
	Influent, Total P	mg/L	5.16	3.73	5.12
	Effluent, Total P	mg/L	1.01	0.84	0.83
	Effluent, Total	lb (46.65 lb/d		0,0,	- 0.00
	Р	TMDL)	19.18	14.71	14.43
	Percent				
	Removal	%	80	77	82.73
	·				
Aeration					
	MLSS	mg/L	5325	5450	4983
	SVI	ml/g	163	165	175
	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		0.14	0.12	0.13
	Organic loading	lb BOD/700 ft3	45	40	41
,	Solids	lb sldg/lb BOD	0.00	0.70	0 70
	production	rem	0.63	0.76	0.76
Total Sludge Trucked		dryton	47	<i>E</i> 0	
rotal Sludge Trucked		dry ton	47	52	52

Month	Average Pounds TN/day	Excess Pounds TN/day	TN TMDL	Average Pounds Phos/da y	TP TMDL	Monthl y Avg Flow
January February March April May June July August Septembe r October November December	69.9° 36 35 46	-37 -71 -72 -61 -107 -107 -107 -107 -107 -107	107 107 107 107 107 107 107 107 107	3 16 15 19	46.95 46.95 46.95 46.95 46.95 46.95 46.95 46.95 46.95 46.95	1.90 2.10 2.10 2.27
Annual Average to date	47	-60	107	13	40.00	

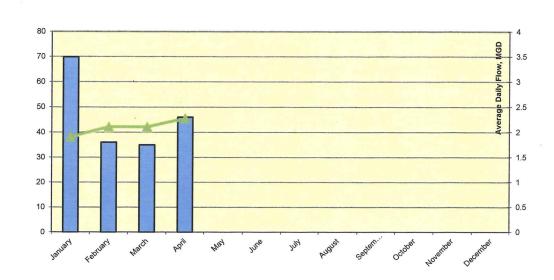
Estimate d Annual Cost @	\$ 1.36	per equivalen t lb TN/day
Amount due	=	
Simsbury	\$5,386	

	TMDL
Year	TN lb/d
2020	107

Equivalent pounds = excess x 0.18

#### Simsbury Effluent Total Nitrogen





Water Pollution Control Authority April 14, 2022 Page 1 of 2

## WATER POLLUTION CONTROL AUTHORITY REGULAR MEETING APRIL 14, 2022 "Subject to Vote of Approval"

#### 1. CALL TO ORDER

Jay Sheehan called the regular meeting of the Water Pollution Control Authority to order at 7:05 p.m. via a virtual Zoom meeting. The following members were present: Michael Park, Lucian Dragulski and Jacques Brignac. Also present were Anthony Piazza, Superintendent and Alison Sturgeon, Clerk.

2. SAFETY BRIEF – Mr. Piazza stated to be aware that tick season has started.

### 3. SEWER USE FEES FOR FY 2022/23 – CONTINUED DISCUSSION AND POSSIBLY SET PUBLIC HEARING DATE

Mr. Piazza stated he is not recommending that sewer user rates or the facility connection charge be increased for the upcoming fiscal year. It is Town staff's recommendation to increase the construction permit fee from \$100 to \$150, which has not been increased since 2004. They are also recommending an increase to the labor rate from \$40/hour to \$50/hour.

Mr. Sheehan questioned how many permits the WPC typically gets each year. Mr. Piazza stated that he would estimate that number to be 70 permits.

Regarding the Fats, Oils and Grease registration, Mr. Piazza stated that the FOG registration would be for any Class 3 or 4 restaurant in the Town of Simsbury. The Town is required to check the maintenance logs for cleaning of their grease traps. To cover processing and inspection costs, staff is recommending a \$50 biannual fee. Mr. Sheehan questioned if this would be every two years. Mr. Piazza stated that this is correct.

Regarding the Industrial Permit registration, Mr. Piazza stated that back in 2020, the Sate turned over enforcement of these permits to the Town. The State charged \$6,250 for discharge of anything less than 25,000 gpd; for non-process discharges, the fee was \$3,125. He reviewed what the surrounding Towns are currently or will soon be charging. Mr. Piazza stated that staff is recommending charging a \$100 registration fee for all industrial users. For flows between 1,000-5,000 gpd a permit fee of \$500 plus the \$100 registration fee could be charged. For anything over 5,000 gpd, a permit fee of \$1,000 plus the \$100 registration fee could be charged. There are approximately 60 industrial users in the Town of Simsbury. There are only 6 companies that would be over the 5,000 gpd. He reviewed the types of industrial companies that would be included. The Town of Simsbury does not have the right to charge an Avon or Granby customer. He would suggest charging each Town instead of the customer, which is the same way that sewer use fees in those Towns are collected by Simsbury. A public hearing will be needed to put these fees into place.

Dr. Park made a motion to set the public hearing for determining the Industrial Permit Registration and the Fats, Oil and Grease Registration fees. Mr. Dragulski seconded the motion, which was unanimously approved.

Mr. Dragulski made a motion to amend Dr. Park's motion to set the public hearing for their May 12, 2022 meeting to set the Industrial Permit Registration and the Fats, Oil and Grease Registration fees. Dr. Park seconded the motion, which was unanimously approved.

#### 4. 44 SAND HILL ROAD, WEATOGUE – DISCUSSION OF POSSIBLE SEWER EXTENSION

Mr. Pigzza showed the Authority members an aerial map of the current sewers on Knoll Lane, Tallwood Lane, Deer Park and Croft Lane. There is a section of Sand Hill Road that is not currently sewered. He stated that if the Authority wanted to move forward, Town staff would hold an informational meeting with the approximately 14 homeowners in this area.

Dr. Park questioned how many of the neighbors were already interested. Mr. Piazza stated that two neighbors have expressed interest.

Water Pollution Control Authority April 14, 2022 Page 2 of 2

There was consensus among the Authority members to move forward with the informational meeting.

#### 5. STATUS REPORT ON SEWER EXTENSION PROJECTS, ETC.

Mr. Piazza stated that the Pine Hill Homeowner's Association will be having a vote on May 6<sup>th</sup> to see if they want to proceed with the sewer replacement/upgrade project. Also, the contractor for the Woodland Street upgrade continues to wait on the State permit for crossing the abandoned railroad. He stated that they will be starting the landscaping restoration tomorrow.

#### 6. TREATMENT FACILITY REPORT

Mr. Piazza stated that all permit requirements were met for the month of March. He stated that staff is continuing their 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. Corrections are being made to the draft copy of the plan and will be provided to the Board for the next meeting.

Mr. Piazza stated that the UV disinfection system has been placed in service for the season. They have had several minor issues with equipment failures; staff has responded well to ensure no effluent violations have occurred. Regarding sewer lining, staff has compiled a list of lines remaining in the Tariffville section of Town as well as several lines along Hopmeadow St. The Tunxis Pump Station force main will be part of this project. This year's work will complete the three-year bid with Granite Inliner.

Regarding staffing, Mr. Piazza stated that interviews have been completed for the open operator positions; background checks are being completed. Both applicants are expected to start in the coming weeks.

#### 7. CORRESPONDENCE

The Authority members reviewed correspondence regarding the Nitrogen Credit Exchange Program. Simsbury will be receiving \$5,413 from this program.

#### 8. MARCH MEETING MINUTES – POSSIBLE APPROVAL

Mr. Dragulski made a motion to approve the March 10, 2022 meeting minutes as written. Mr. Brignac seconded the motion, which was approved. Dr. Park abstained.

#### 9. ADJOURN

Dr. Park made a motion to adjourn the meeting at 7:33 p.m. Mr. Dragulski seconded the motion, which was unanimously approved.

Jay	Sheehan,	Vice-Chairman	