

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

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Simsbury Water Pollution Control Authority Regular Meeting

Thursday
June 11, 2020
7:00 p.m.

A G E N D A

- 1) Safety Brief
- 2) Discussion: FCC Policy Regarding Condominiums and Townhouses
- 3) Status Report on Sewer Extension Projects, etc.
- 4) Treatment Facility Report
- 5) Correspondence
- 6) May Meeting Minutes – Possible Approval
- 7) Adjourn



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	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													

Comments:

1. Project has been delayed until additional easements have been executed.

2. Project is complete.

Town of Simsbury

Water Pollution Control

Memorandum

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

Permit Compliance: All permit requirements were met for the months of May.

Plant Operations: 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 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.

Sanitary Sewer Lining: 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.

Plant Water System: The system has been delivered and the final parts will be delivered this week, installation will be scheduled when staffing allows.

Summary Data from the Monthly Operating Report

			Apr-20	May-20	Past 6 Months
PARAMETER		UNITS			
Average Daily Flow		mgd	2.19	1.97	1.98
Peak Daily flow		mgd	5.00	4.90	5.14
Total Septage Received		gallons	663,650	545,200	348,982
Population Equivalent		@0.17 lbBOD/capita/d	22,562	20,779	20,700

BOD	Influent	mg/L	210	215	214
	Final Effluent	mg/L	3	4	6
	Percent Removal	%	99	98	97.31

TSS	Influent	mg/L	294	236	240
	Final Effluent	mg/L	4	4	5
	Percent Removal	%	99	98	98.06

TN	Influent	mg/L	30.0	32.4	34.9
	Final Effluent	mg/L	2.8	2.6	3.1
	Percent Removal	%	91	92	91.06

P	Influent, Ortho P	mg/L	2.50	2.12	2.64
	Effluent, Ortho P	mg/L	1.48	1.59	1.04
	Influent, Total P	mg/L	3.70	4.75	4.90
	Effluent, Total P	mg/L	1.55	1.77	1.27
	Effluent, Total P	lb (46.95 lb/d TMDL)	28.24	29.08	20.98
	Percent Removal	%	58	63	73.01

Aeration					
	MLSS	mg/L	4620	4550	4788
	SVI	ml/g	154	140	160
	DO, Avg. High	mg/L	0.3	0.3	0.2
	DO, Avg. Low	mg/L	0.2	0.2	0.2
	F/M ratio		0.12	0.11	0.11
	Organic loading	lb BOD/700 ft3	34	32	31
	Solids production	lb sldg/lb BOD rem	1.13	0.90	1.05

Total Sludge Trucked		dry ton	64	49	55
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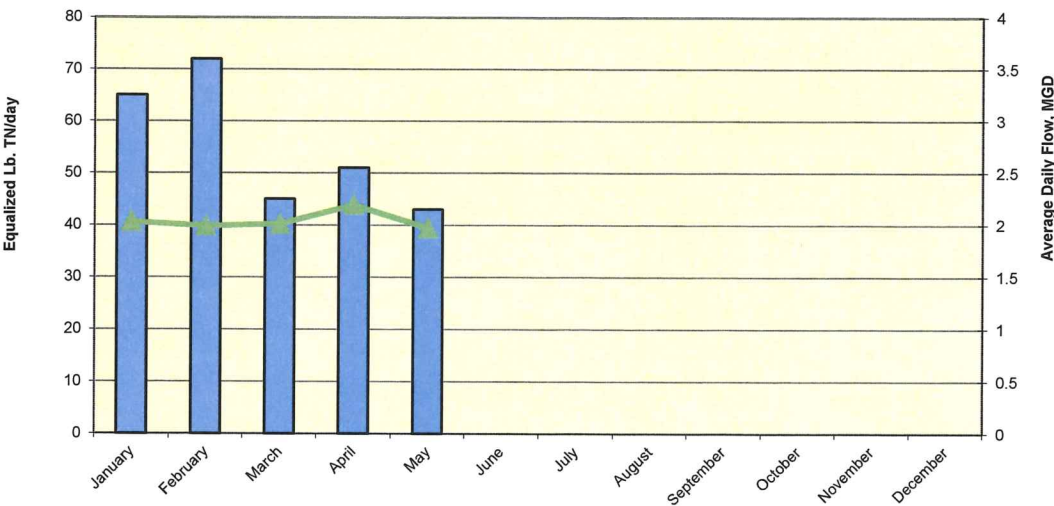
Month	Average Pounds TN/day	Excess Pounds TN/day	TN TMDL	Average Pounds Phos/day	TP TMDL	Monthly Avg Flow
January	65	-42	107	8	46.95	2.03
February	72	-35	107	27	46.95	1.99
March	45	-62	107	16	46.95	2.01
April	51	-56	107	28	46.95	2.19
May	43	-64	107	29	46.95	1.97
June		-107	107		46.95	
July		-107	107		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	55	-52		22		

Estimated Annual Cost @	\$ 4.60	per equivalent lb TN/day
Amount due Simsbury	\$15,655	

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 4, 2020

Mr. Tom Daly
MILONE & MACBROOM
99 Realty Drive,
Cheshire, CT 06410

Re: Facility Connection Charge (FCC) for McLean Retirement Community Building

Dear Mr. Daly:

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 sewer service in the Town of Simsbury.

The Water Pollution Control Authority of the Town of Simsbury has completed an FCC review for your new facility based on the building plans and use.

The FCC for the new building will be \$161,343.00. This total includes the credit for the 16 cottages that will be removed as part of the project.

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

C: **P. Gilmore, Chair WPCA**
T. Roy, Director of Public Works
M. Glidden, Director of Planning
H. Miga, Building Official
C. Johnson, CE Floyd

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
MAY 14, 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. He reminded everyone to stay 6 feet apart from others if not more. People at higher risk should use all safety precautions to minimize their risk.

3. FUND TRANSFER

Mr. Piazza stated that they are requesting a fund transfer of \$30,000 from the sewer use fund to the annual operating budget to cover the cost of sludge hauling. This additional cost was not part of the FY20 budget, although it has been added to the FY21 budget.

Mr. Sheehan made a motion to transfer \$30,000 from the sewer use fund to the refuse disposal account #55350 to cover the cost of sludge hauling. Mr. Dragulski seconded the motion, which was unanimously approved.

4. ACCEPTANCE OF HENDRICKS LANE SEWERS

Mr. Piazza stated that the sanitary sewers on Hendricks Lane have been installed in accordance with the Developer's Agreement. All inspections have been completed and all easement documents have been recorded with the Town Clerk. He recommended that the WPCA accept the Hendricks Lane sanitary sewers as part of the Town system.

Mr. Sheehan made a motion to accept the Hendricks Lane sanitary sewers as part of the Town sewer system. Dr. Park seconded the motion, which was unanimously approved.

5. SUMMER RECESS AUTHORITY

Mr. Piazza stated that, as in the past, this board has given the Chairman or Vice Chairman the authority to act in the capacity of the Authority during their July and August recess. He stated that it is on tonight's agenda in case there is not a June meeting.

Mr. Gilmore questioned if this would be for the month of June as well. Mr. Piazza stated that it would not; the authority would be given for only July and August.

Mr. Sheehan made a motion to allow the Chairman or Vice Chairman to act in the capacity of the Water Pollution Control Authority during the summer recess (July and August). Mr. Hickey seconded the motion, which was unanimously approved.

6. TAX DEFERMENT PROGRAM

Mr. Roy stated that the Board of Selectmen accepted the Tax Deferment Program as outlined in the Governor's Executive Order No. 7S. He stated that the WPCA is its own entity and has the right to discuss and make their own decisions regarding this issue.

Regarding eligibility requirements, Mr. Gilmore questioned if this would also be the case with respect to deferment of the sewer charges for 90 days or if this was a blanket offer to all sewer customers. Mr. Roy stated that it is his understanding that it will be based on eligibility, although the parameters are still very broad at this point in time.

Mr. Piazza stated that bills for user fees will be sent out July 1st. There will be an application for this deferment program on the Town's website. Residents can apply and applications will be reviewed by the Board of Selectmen, who by Executive Order, will have the authority to approve or deny all applications.

Mr. Gilmore questioned if a notice will be sent out with the bills to sewer users to direct them to the application on the Town's website. Mr. Piazza stated that no additional documentation will be sent out with the bills. Mr. Roy stated that the Town will be sending out a postcard to inform taxpayers of the Executive Order. He will ask that the WPC be included on the postcard.

Dr. Park made a motion to move forward with the deferment program as outlined in the Governor's Executive Order No. 7S and adopted by the Simsbury Board of Selectmen on April 6, 2020. Mr. Hickey seconded the motion.

Mr. Sheehan stated that this Order spans March 10, 2020 – July 1, 2020. He questioned when the bills would be sent out. Mr. Piazza stated that bills would be sent out July 1, 2020; these bills can be deferred. For clarification, Mr. Sheehan stated that the Order references municipal utility rates, water rates, electric rates, and any charges or assessments; the Board of Selectmen did not mention sewer rates. Mr. Piazza stated that the Town Attorney has stated that sewer use rates are part of the Executive Order and should be part of the deferment program.

The motion was unanimously approved.

7. STATUS REPORT ON SEWER EXTENSION PROJECTS, ETC.

Mr. Piazza stated that the sewer project for Hendricks Lane has been completed, which the Authority accepted tonight. He stated that it is possible that the Town may purchase land from the Meadowood developer for open space. The Woodland Street area project is moving forward; the survey is completed and they will be moving on to the design phase.

8. TREATMENT FACILITY REPORT

Mr. Piazza stated that all permit requirements were met for the months of March and April. He stated that staff has started the replacement of Programmable Logic Controllers (PLC). They are coordinating with the computer integrator from Tighe & Bond for installation. Work is on hold due to travel.

Mr. Piazza stated that staff is continuing 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. AECOM engineers visited the site to perform an overall assessment for potential system upgrades. He stated that Granite Inliner has started to work on the sanitary sewer lining project. Initial cleaning and video inspection has started and the lining installation began the week of May 11, 2020. A notice of the work has been posted on the Town's website and is being delivered to each customer the week prior to the lining installation and again the day before as a reminder. We will also be putting a video of the work on the Town's website so residents will be able to see the process.

Mr. Piazza stated that the plant water system has been delivered and installation will be scheduled when staffing allows.

9. CORRESPONDENCE - NONE

10. MARCH MEETING MINUTES – POSSIBLE APPROVAL

Mr. Sheehan made a motion to approve the March 12, 2020 minutes as written. Mr. Brignac seconded the motion, which was approved. Mr. Gilmore abstained.

Regarding the FCC policy, Mr. Piazza stated there is a developer in Town that has built townhomes and is questioning whether townhomes are considered the same as condominiums and fall under the breakdown for apartment or if they were considered homes, where the standard FCC fee would apply.

Mr. Gilmore stated that although he does not have the policy in front of him, townhomes are not freestanding structures; they share an external common wall with another unit. Also, townhomes are typically larger than condominiums.

Mr. Piazza stated that by definition, the difference is that a condominium does not own anything outside of the building; townhome owners usually own the property. He stated that the developer has built these townhomes, which will be rental units, although they have the potential to be sold as individual units at a later date. Mr. Piazza stated the since they are townhomes, individual laterals are required whereas condominiums have one lateral for the entire building. He had told the developer that the only way there could be one lateral for each building of townhomes would be to put documentation on the land records stating that they would stay rental units. The developer agreed to put in individual laterals in at that point in time.

Mr. Gilmore stated that he does not recall whether the issue of townhomes was discussed when this policy was being discussed and written. Mr. Sheehan stated that he is curious as to what the industry standard is for water usage and if there is a difference between condominiums and townhouses. He volunteered to look at the wastewater design standards to see if there is a difference. Mr. Gilmore stated that if the usage is the same, he feels that townhomes should be treated the same as a condominium.

Mr. Piazza stated that the developer is looking to finance the FCC. The Authority members have the time to discuss this issue further prior to acting.

11. ADJOURN

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

Paul Gilmore, Chairman