Village of Manorhaven Wastewater Treatment

Understanding the change in treatment charges with the new contract



PWWPCD

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What is the “relationship” between PWWPCD / VOM?

- VOM is **not** part of the PW Water Pollution Control District
- Village operates and maintains its own sanitary sewer collection system
- District is regulated by the NYS DoH, NC DoH, USEPA, NYS DEC, and the Interstate Sanitation Commission.
- District holds a State Pollutant Discharge Elimination System Permit (SPDES) - the Village does not
- Village is required to report sewage main overflows to the DEC since they own and operate their own collection system, separately from the District
- District employs state/nationally certified operators, skilled electricians, machinists, mechanics, licensed CDL holders and Municipal CPAs to maintain systems and remain in compliance
- District receives, treats, and disposes of the Village wastewater - the Village is currently charged monthly, based on a 2006 contract
- The prior contract expired on June 30, 2026, and the new contract is effective January 1, 2027
  (The district voluntary extended the contract saving the Village approximately $600K for 2026)
- The new contract establishes a revised methodology for calculating Manorhaven's treatment charges

Why can’t we extend the current contract (again)?

- Under the prior contract, the District only charged a percentage of admin charges & employee benefits in order to calculate the cost per gallon of treated sewage

- This methodology does not fully align Manorhaven's payment with the District's overall cost of providing wastewater treatment service

As a result, a portion of the cost associated with treating Manorhaven's wastewater was effectively passed on - through the District's residents - rather than being recovered directly from Manorhaven.

The new formula is consistent with the billing structure for district residents

What Manorhaven paid under the *prior (inherited) contract* (7/2025-6/2026)

From 7/2025-6/2026, Manorhaven's flow averaged 29.3% of the District's flow

~~Total Expenses (PWWPCD)~~	~~$7,933,000~~	~~@ 29.3%, $2,326,243~~
~~Total Expenses less Pump Station expenses~~	~~$6,413,342~~	~~@ 29.3%, $1,880,602~~
Adjusted cost under prior contract	$4,515,147	@ 29.3%, $1,323,989

Reminder - this adjusted method charged a percentage of admin charges and employee benefits

What changes with this new contract??

The new agreement establishes a treatment rate based on the District's **adjusted budget**

2027 Sewer Admin budget (excludes pump stations)	$728,372
‘27 Sewage Treatment & Disposal budget (includes only expenses related to the WWTP operation)	$3,559,832
‘27 Employee Benefits,Insurance & Debt Service/Bonds* budget (*what is included in bonds - next slide)	$4,987,261
Total Adjusted 2027 Budget	**$9,275,465**

Sample 2027 Rate Calculation = Total adjusted **<next year’s>** budget / Total WWTP **<last year’s>** flow

$9,275,465 / 744,682,000 = $1.24/100 gallons

X Village Actual Month Flow / 100

$1.24 X 17,768,987 gallons / 100 = **$220,335.44**

What is included in debt service and bonds??

What is included in the line item labeled, “27 Employee Benefits,Insurance & debt service/bonds” line item of $4,987,261?

- WWTP Outfall Rehabilitation (2008)
- BNR - State required project requiring nitrogen removal in effluent (2010)
- WWTP - New biosolids building and upgrades to headworks building (2023)
- BANS (short term borrowing) include switchgear, admin building renovation, drainage at treatment plant (2025)

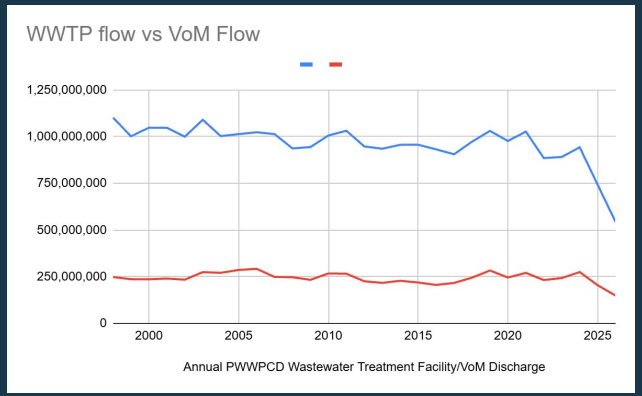
Introducing Flow Limits

As per EPA guidelines, we are establishing a MAXIMUM DAILY FLOW LIMIT

This limit will be 1,150,000 Gallons Per Day

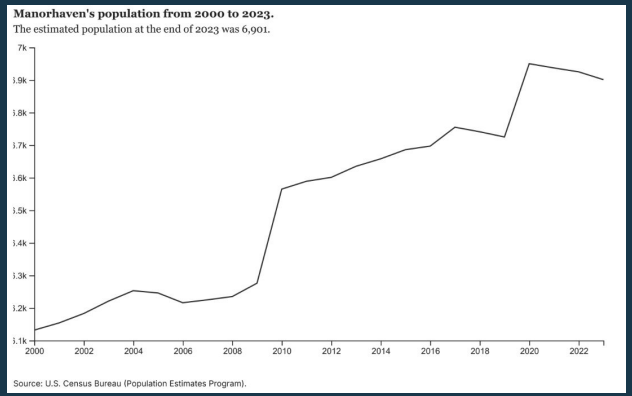
If the village exceeds this MDF Limit, they will be charged $1 per 100 gallons in excess

There will be no Excess Charge for the first violation. Instead, a Notice of Violation will be issued and the District will develop a reasonable Corrective Action Plan



VOM Averages 580,000 GPD

Exceeded the MDF 34 times in the last 10 years



Manorhaven has had a 15% increase in population from 2006 → today

Have we kept secrets from the Village?

NO. We have not been keeping “secrets” from the Village

April 16, 2024 - Mayor Popeleski attended the PWWPCD meeting and the following was discussed

- Flow limit to be established by the District with next contract - **as per new EPA requirements**
- Surcharge if/when limit is exceeded (possibly incorporating a percentage of total WWTP flow in the flow charge calculations)
- Village reported that 10 manhole cover inserts had been installed along Orchard Beach Blvd - District suggested installing more

April 22, 2025 - Village Mayor, Attorney and Engineer attended a PWWPCD board meeting

- District recommended that the VOM reduce it’s I/I to help reduce costs - VOM indicated that they did not have the funds
- District suggested that the Village piggyback off of the District lining contract - VOM again indicated that they did not have the funds - we suggested that bonding might be an option

June 3,2026 - sent contract to Village

October 8, 2026 - sent email to Mayor and Trustees asking to meet for a working session

October 20, 2026 - hand delivered letters to Mayor and all Trustees asking the same

October 26, 2026 - emailed Mayor and Trustees asking them if they would like to have *this* meeting as a joint session

November 5, 2026 - received feedback from Mayor on new contract

How does this translate in real life??? (HYPOTHETICALLY)

We do not have insight into HOW the Village is charging their residents for the sewer charges.
However, we looked at 3 random homes in Manorhaven and this is how they would be affected IF they were in our district because we calculate based on WATER USAGE and ASSESSED VALUE

					TAX LEVY - 2027				TAX LEVY - 2026	
	PROP CLASS *	2027 ASSESSED VALUATION	2025 WATER USAGE - CF	2025 WATER USAGE - GALLONS	TOTAL	2026 ASSESSED VALUATION	2024 WATER USAGE - CF	2024 WATER USAGE - GALLONS	TOTAL	INCREASE/ (DECREASE) For the **YEAR**
Address #1	1	634	1700	12,716	606.81	634	1100	8,228	601.14	5.67
Address #2	1	562	2000	14,960	553.38	559	1000	7,480	531.42	21.97
Address #3	1	940	7000	52,360	1,040.41	940	9000	67,320	1,230.83	(190.42)

Why is the new contract more equitable?

1. District ratepayers are no longer absorbing costs associated with Manorhaven's treatment.

The new methodology is intended to ensure that the cost of treating Manorhaven's wastewater is appropriately recovered from Manorhaven residents

2. The methodology is transparent and predictable.

The treatment rate is derived from the District's annual wastewater treatment budget and total wastewater flow, and Manorhaven's monthly charge is based on its actual flow - this will allow the VOM to budget in advance

Questions?

