

Water & Sewer Chronology

Updated January, 2021



NEW WINDSOR
MARYLAND

Mayor Roop's Message

I know that the cost of providing water & sewer service is a concern of all of the residents of the town. We recently commissioned a study to examine our rates to determine the best and fairest rate moving forward. We adopted their advice to continue to keep our system solvent, but continue to look for ways to make our system better and more fiscally efficient.

Some residents have voiced their concerns about the water and sewer service in the Town. Many of the concerns raised dealt with the increase in the cost of providing water/sewer service, but some statements demonstrated that people didn't understand how utility service works in the Town or how we got to where we are. I would like to take a few minutes of your time to address issues that have been brought up. This Presentation should give you a better understanding of how we got to where we are today.



NEW WINDSOR
MARYLAND

Sewer Chronology

1964: Installation of Lagoons & Sewer Lines

2005: Initial Report from Maryland Department of Environment (MDE) notifying the Town of new and stricter discharge limits.

2005 - 2007: Council evaluates several new wastewater treatment systems.



NEW WINDSOR
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Former Lagoons

Sewer Chronology

2007: Wastewater Treatment Plant Feasibility evaluation completed by Dewberry

2008: MDE Inspection Report notes existing lagoon system will not be able to meet Nitrogen and Phosphorus limits and that it has been unable to meet Ammonia Nitrogen limits to take effect in 2010.



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Sewer Chronology

January, 2009: Special Information Meeting to discuss the new WWTP and the impact on sewer rates.

February, 2009: Meeting with MDE staff with Delegate Elliott, Town Manager Wally Brown and Mayor Roop to discuss a waiver & alternative funding solutions.

May, 2009: Letter from Senator Brinkley to MDE Secretary seeking a waiver to build the WWTP until funding is available. Request denied.



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Sewer Chronology

December, 2009: Notice to Proceed issued to Whiting-Turner to build new Wastewater Treatment Plant.

February, 2010: Mayor Roop submitted a request for funding to the offices of US Senator Mikulski, US Senator Cardin & Congressman Bartlett. Congress voted to eliminate appropriation requests.



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Sewer Chronology

January, 2011: Senator Brinkley submitted a Bill, “Maryland Water Quality Revolving Fund – Loan Forgiveness”. Bill was struck down in a ruling by the Maryland Attorney General’s Office.

April, 2011: Town Manager Schaeffer & Mayor Roop work to secure a \$550,000 supplemental grant from MDE to lower the WWTP loan. New loan amount, \$3,858, 474.



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Sewer Chronology

June, 2011: WWTP begins to discharge treat effluent into the stream.

July, 2011: Sewer rates increased to make WWTP loan payment. Base rate increased from \$30.00 to \$125.00.



NEW WINDSOR
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New Waste Water
Treatment Plant

Sewer Chronology

Jan, Feb, Mar, 2012: Mayor Roop works with Delegate Donald Elliott and Delegate Maggie McIntosh, Chair of the Environmental Matters Committee to secure \$2,000,000.00 supplemental grant to lower the WWTP Loan.

April, 2012: Mayor Roop announces the approval of a \$2,000,000.00 grant to lower the WWTP loan. Lowering quarterly sewer base rates by \$50.00.



NEW WINDSOR
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Sewer Chronology

Jan, Feb, Mar 2015: Mayor Roop works with Delegate Susan Krebs and Delegate Maggie McIntosh, Chair of the Appropriations Committee to secure \$1,000,000.00 supplemental grant to lower the WWTP Loan.

November, 2015: Mayor Roop announces the approval of a \$1,000,000.00 grant from the Chesapeake Bay Water Quality Project Funds Supplemental Assistance Program to lower the WWTP loan. Lowering quarterly sewer base rates by \$25.00.



NEW WINDSOR
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Sewer Chronology

May 2016: Two, fifty-two year old sewer pump stations were replaced at the cost of \$939,694.00. Loan was obtained through USDA.



NEW WINDSOR
M A R Y L A N D



Main Street Sewer
Pump Station



Coe Drive Sewer
Pump Station

Sewer Summary

With Mayor Roop's determination, the original WWTP loan of \$4,408,474.00 has been reduced by \$3,550,000.00. The three grants resulted in the Town receiving about 80% cost of the WWTP. With these three grants, quarterly sewer base rates were reduced by \$87.50.



NEW WINDSOR
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Sewer Summary

Sewer Base Rates (Quarterly)

| | |
|--------------------------------|----------------|
| WWTP Loan | \$12.56 |
| Sewer Pump Stations Loan | \$15.03 |
| Capital Project Reserve | \$30.50 |
| <u>WWTP Operating Expenses</u> | <u>\$56.91</u> |
| Total Sewer Base Rate | \$115.00 |



NEW WINDSOR
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Sewer Summary

Sewer Bill (Quarterly)

| | |
|--|-----------------|
| Total Sewer Base Rate | \$115.00 |
| <u>Usage based on 10,000 Gallons at \$8.37 per 1,000</u> | <u>\$ 83.70</u> |
| Total Quarterly Sewer Bill | \$198.70 |



NEW WINDSOR
MARYLAND

Water Chronology

| | |
|------------------------------------|--------------|
| 2003: Dennings Well brought online | \$ 209,786 |
| 2004: New Water Tank | \$ 1,030,895 |
| 2005: Chlorine Tank | \$ 800,000 |
| 2012: Rehab Older Water Tank | \$ 390,000 |



NEW WINDSOR
M A R Y L A N D



Dennings Well



New Water Tank



Chlorine Tank



Rehabbed Water
Tank

Water Summary

Water Base Rates (Quarterly)

| | |
|---------------------------------|----------------|
| Dennings Well Loan | \$ 2.66 |
| Chlorine Tank Loan | \$10.15 |
| New Water Tank Loan | \$13.46 |
| Capital Project Reserve | \$57.47 |
| <u>Water Operating Expenses</u> | <u>\$49.26</u> |
| Total Water Base Rate | \$133.00 |

*\$250,000 Supplemental Grant eliminated the Water Tank Rehab Loan in 2019.



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Water Summary

Water Rates (Quarterly)

| | |
|---|-----------------|
| Water Base Rate | \$133.00 |
| <u>Usage based on 10,000 Gals at \$4.10 per 1,000</u> | <u>\$ 41.00</u> |
| Total Quarterly Water Bill | \$174.00 |



NEW WINDSOR
MARYLAND

Average Quarterly Water & Sewer Bill

| | |
|---|-----------------|
| Water Base Rate | \$133.00 |
| <u>Usage based on 10,000 Gals at \$4.10 per 1,000</u> | <u>\$ 41.00</u> |
| Total Quarterly Water Bill | \$174.00 |

| | |
|--|-----------------|
| Total Sewer Base Rate | \$115.00 |
| <u>Usage based on 10,000 Gallons at \$8.37 per 1,000</u> | <u>\$ 83.70</u> |
| Total Quarterly Sewer Bill | \$198.70 |

| | |
|--------------------------------------|----------|
| Average Quarterly Water & Sewer Bill | \$372.70 |
|--------------------------------------|----------|



NEW WINDSOR
M A R Y L A N D

Water & Sewer Loans

| Project | Annual Payment | Interest Rate | Balance | Ending |
|----------------------|----------------|---------------|----------------|----------|
| Chlorine Tank | \$ 26,952.49 | 0.40% | \$ 289,483.10 | 02/01/31 |
| Dennings Well | \$ 7,067.81 | 0.40% | \$ 55,538.13 | 02/01/28 |
| Water Tank | \$ 35,748.07 | 0.40 % | \$ 239,219.08 | 02/01/27 |
| WWTP | \$ 32,415.22 | 0.00% | \$ 356,567.46 | 02/01/31 |
| Sewer Pump Stations | \$ 38,788.00 | 2.88% | \$ 687,195.13 | 05/04/56 |
| Total Annual Payment | \$140,971.59 | | \$1,628,002.90 | |



NEW WINDSOR
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Average Monthly Bills

| | |
|-----------------|-----------|
| Sewer Bill* | \$ 66.23 |
| Water Bill* | \$ 58.00 |
| Phone Bill** | \$ 80.00 |
| Electric Bill** | \$ 133.68 |
| Car Insurance** | \$ 133.00 |
| Comcast Cable** | \$ 217.42 |

*Average household usage of 10,000 gallons per quarter

**Averages accredited to various websites



NEW WINDSOR
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Mayor Roop's Message

As your Mayor, I have been very aggressive and successful in securing nearly \$4.5M in grants and agreements that have gone to help offset our water & sewer project loans, expenses and lowered your sewer bill. I want you to know that I'm persistently working to secure additional funding to help lower the Town's loan debt and lower your water & sewer bill.

Feel free to email me at nroop@newwindsormd.org with your questions about the this presentation or the Town's water & sewer system.

Mayor Neal C. Roop



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