



WWTF
Workshop
May 17, 2023

Lewes Board of Public Works

Agenda

- How'd we get here?
- Tour of Wolfe Neck Facility
- Financial Overview
- Public Comments/Questions
- Conclusion

How'd we get here?

- The Board held its first public meeting on March 31, 2022.
- The BPW and Sussex County then contracted with GHD to perform a study related to various options for the WWTF Long Range Plan.
- Those results were presented to the public at the January 23, 2023, workshop.
- The Board then held workshops on February 10, 2023, March 22, 2023, and April 12, 2023, to encourage public input through the decision-making process.

Wolfe Neck Tour

- Sussex County conducted a tour of the Wolfe Neck Treatment Facility on Friday April 28th starting at 3:30pm.
- The tour was very well attended with a mixture of Board members, City Council members, members of the public, and Sussex County staff.
- The group toured the existing site including the lagoons, spray irrigation fields, etc...
- The group also participated in a Q+A with Sussex County staff after the tour concluded.



- Photo taken by the Cape Gazette and Nick Roth

New Information

- The Lewes BPW has met and discussed our WWTF long range plan with other Delaware municipalities with similar wastewater treatment agreements that would be necessary for option 3.
- Conducting these meetings with other municipalities allows the BPW to understand the “lessons learned” when creating a DRAFT agreement associated with option 3.
- These discussions will help shape a DRAFT agreement that would be used to outline key business terms with Sussex County and the Lewes BPW.

Financial Impact (Revised)

Option	% Impact Range	Reason/Rationale
Option 1	40%-55%	Debt service for headworks upgrades, Hardening upgrades and the ongoing O+M of a more expensive membrane filtration plant
Option 2A	330%-345%	Debt service for headworks upgrades, new plant with spray irrigation and the ongoing O+M with lower costs compared to membrane filtration.
Option 2B	230%-245%	Debt service for headworks upgrades, new plant and piping debt service and lower O+M costs compared to membrane filtration.
Option 2C	405%-420%	Debt service for headworks upgrades, Ocean Outfall with New Plant debt service and the ongoing O+M with lower costs compared to membrane filtration.
Option 3A	0%-15%	Lowest capital investment options (debt service) along with headworks debt service and lowest cost O+M.
Option 3B	0%-15%	Lowest capital investment options (debt service) along with headworks debt service and lowest cost O+M.
<p>** Please note that the above % impact range only references the sewer portion of an average customer's bill and does not take into account further sewer system collection upgrades beyond the scope of the WWTF Long Range Plan.</p>		

Financial Impact (SEWER ONLY)

- Total for (4000-gallon water usage bill – Current in City Rates): **\$77.49 a month**
 - Total Range with each option:
 - Option 1: **\$108.50 to \$120.11**
 - Option 2a: **\$333.21 to \$344.83**
 - Option 2b: **\$255.72 to \$267.35**
 - Option 2C: **\$391.34 to \$402.96**
 - Option 3a/b: **\$77.49 to \$89.12**
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- **Please note that this is if everything was done today and is in current dollars (snapshot in time).**
 - **It also does not reflect further/future rate increases or capital projects on the collection system.**
 - **These numbers are based off the information included in the GHD report.**
 - **We will continue to update these numbers as we progress through this process.**

Next Steps

- We have another public workshop scheduled for June 14th at 6:30pm in the Rollins Center.
- We continue to encourage the public to attend and be engaged.
- Public comment will be open until close of business on **June 2, 2023**.
- The BPW will work with Sussex County to identify the framework and craft a DRAFT agreement.
- The BPW will continue to update the information as we narrow down the options and clarify the unknowns like the finite details associated with the option 3 DRAFT agreement.

Public Comments/Questions:

Conclusion

- We want to thank you for your continued input in this decision-making process. We look forward to and encourage residents and ratepayers to attend the future workshop!

