

NEWFIELDS VILLAGE WATER & SEWER DISTRICT

Meeting Minutes from 01/09/2023

Approved February 6, 2023

Distribution:
Ray Buxton Jr.
Cathy Nelson-Smith
George Drinkwater
Paula Boyle
Peter Hellfach
Wendy Chase

Opening:

The regular meeting of the Newfields Village Water & Sewer District was called to order at 7:00 pm on January 9, 2023 at the Water & Sewer District Office, 75 Main Street.

Present: Commissioners Ray Buxton, Cathy Nelson-Smith, George Drinkwater, Superintendent Peter Hellfach, Engineer Paula Boyle and Treasurer Wendy Chase.

A. Approval of Minutes

The minutes of December 5, 2022 were unanimously approved.

B. Open Issues

1. Conservation Plan.

a) **Calibrating the Source Meters:** Due every 3 years. Next calibration deadline is due by the end of year 2024. This is not part of Peter's contract. We may want to add to the job description – coordinate the calibration of the source meters.

b) **Leak Log:** Paula said that they applied for a leak log grant and Newfields is on the list but they continue to shift the grant recipients on the list. The grant list will be out next month. Paula asked if we should add this to the list of tasks on the new superintendent's contract.

c) **Emergency Plan:** Reviewed annually and updated every 6 years. **The next review is due March 2027.**

The calibration was in November of 2021 (Peter will double check the date). Paula said that Peter received an email from DES asking Peter to put a compliance report together. HTA will fill out the report like they've done in the past. The report is due at the end of the month. Paula will fill out the report and Ray will look it over. We should review the Conservation Plan annually.

2. Sludge Removal. Remove sludge from Lagoons along with piping and old aeration system and replace existing aeration system with a permanent solution. Paula prepared applications to NH DES to get State Revolving Fund SRF loan money for the future project to remove sludge. Paula applied for the grant and we are now on the lower end of the list for SRF loan money. We won't start moving up the list until the District appropriates money for the project. **On Hold.**

4. National Pollutant Discharge Elimination System (NPDES) Permits.

a) **Small Wastewater Treatment Facility General Permit (WWTFGP) (Village District purview) – Background:** was issued September 28, 2021 and will become effective December 1, 2021. The Small WWTF General Permit is designed to authorize discharges of wastewater from publicly owned treatment works and other treatment works that treat domestic sewage. The permit establishes effluent limitations, monitoring requirements, reporting requirements and standard conditions for facilities that discharge to fresh and marine waters in MA and NH. We have a small wastewater treatment facility permit in place for the wastewater system. **Update:** Paula said Ray received a letter from NH DES basically saying they are going to modify the permit we have and open it up to make revisions to it. The permit closes in January

2023. Paula is going to look it over to see if any changes need to be made. We will then send in a notice of intent (NOI) that we want to be part of this permit. Ray said Newington and Newfields were the two communities that didn't meet the criteria to be a part of the original permit. Paula said she can take care of the NOI. The Commissioners agreed to have Paula take care of that. Ray said we continue to take the sample to Concord 3 days per week; Peter informed the Commissioners he is no longer going to do that. Ray found a Courier that will take the sample to Concord for \$90.00 per trip. Once the permit is approved we will be able to test the samples in house. We have been able to meet the limit of 16 lbs. of nitrogen going into the river. We should be able to start our own testing in the spring. John Jackman is working on the C/MOM report and once complete Paula will review it. **In Process.**

b) **Great Bay Total Nitrogen General Permit (GBTNGP) (Village District Purview) – Background:** The GBTNGP was issued for 13 eligible wastewater treatment facilities that discharge treated wastewater containing nitrogen within the Great Bay watershed in NH. It was issued on November 24, 2020 and became effective February 1, 2021. The permit establishes total nitrogen effluent limitations, monitoring requirements, reporting requirements and standard conditions for the 13 WWTFS. The discharge of all pollutants other than nitrogen from these WWTFS will continue to be authorized by each WWTFS's respective individual NPDES permit. Rather than address this permitting task on a permit-by-permit basis, EPA instead fashioned a general permit designed to comprehensively regulate nitrogen loading from 13 WWTFS in NH on a gross, watershed-wide scale, incorporating an innovative and adaptive approach to achieving water quality standards in the Great Bay estuary through a combination of mandatory load limits at the WWTFS and voluntary nonpoint source nitrogen reductions. **Update:** Paula reached out to Peter and asked if he had any problems with NH DES on his the operating report he sends in that calculates the nitrogen levels. He as not heard any feedback. Stephanie from DES did not agree with the way he was calculating the nitrogen levels but everyone else agrees he is calculating correctly. We have been able to meet the limit of 16 lbs. per day of nitrogen going into the river. Peter gets the reads for 3 days and calculates the average for 7 days. **In Process.**

c) **Stormwater Asset Management MS4 (Town's Purview) – Background:** Stormwater Asset Management ties into the NH Small MS4 General Permit; both under the town's purview. Ray is the liaison as District Commissioner. **Update:** Raquel from HTA submitted the mitigation plan to the Town. DES was pleased with the Asset Management Plan for Stormwater. HTA is waiting to see if the Town wants to move forward with the two identifying projects in the report. Ray said the town will use ARPA funds to run a new line down Summer Street and down to the river. The Town is working on the drainage portion.

5. Water Treatment & Supply Study.

a) **Sustainability Plan: Background:** We received a grant for \$48,000 to look at alternatives for a 20 year water sustainability plan. **Update:** Paula said she and Dave have been working on a sustainability plan and came up with an option to make Newfields sustainable; put in another shallow Well; there is room behind Well #1. Peter said it would be ideal to get 20 gallons per minute. They decided to back off on that option and look at the Newmarket interconnection option because Newmarket and Newfields were awarded grant money from ARPA to do an interconnection with Newmarket. This is going to be a fast moving project. Paula said the alternatives are (1) connect to Newmarket and keep our system as a backup or

abandon our system (2) regionalization alternative (Stratham coming through on route 108) and (3) keep status quo and add shallow well. Paula had Ray sign the new HTA agreement. Paula said hopefully they will have solid information before we have to make a final decision. Paula said there will be a report of the alternatives with risk factors, advantages and disadvantages. There will be a comparison of all the alternatives and then we will need to make some major decisions. The report will not be ready until December. Once we decide we will have to have a big public outreach. The State will want to look at it and understand it. Ray met with Sean Greig from Newmarket. He said the plan would be to put water line under the railroad tracks and build a pump station on the Newmarket side. Paula said that they have received information on the regional aspect but nothing is finalized. Dave from HTA has been in contact with Sean Greig from Newmarket. Dave expects to have a draft report to the Commissioners for their December meeting. Dave is also going to add PFAS treatment to the option of staying status quo and constructing another shallow well. Paula said that Newmarket will charge us 1 cent per gallon per day for the connection costs; that doesn't include all the capital infrastructure costs. Paula said HTA scheduled a Teams meeting to go over the sustainability report. The conclusion of the meeting the most cost effective option is for the District to run their own water system and maybe in 5 years we may need to address PFAS. Paula wondered how the Commissioners felt about making Newmarket a counter offer – Newmarket would have to pay for all the upgrades to the pipes in Newmarket and reduce the cost that they'd charge the District to \$5.00 per 1,000 gallons of water. The Commissioners all agreed that they are not interested in giving Newmarket a counter offer. It is too much money to burden 230 Newfields customers. They are interested in exploring adding an additional shallow well.

6. Water & Sewer System Operator

The Commissioners discussed vetting the applicants. Peter suggested that the Commissioners reach out to the clients of the applicant to see how they feel about the Operator. Paula suggested that they meet with the actual Operator not the Company owner. Cathy and George will call references and client's names of the applicant.

In Process.

C. New Items

1. Wendy will send a report to the Library newsletter regarding the pumps that have been clogged due to non-flushable items being flushed down the drains. She will also send a picture of the clogged pump and the amount it cost to have it unclogged.

2. We are still trying to get the EUI number.

The Meeting was adjourned at 8:00 PM. The next regular meeting will be on Monday, February 6, 2023, at 7:00 PM in the Newfields Water & Sewer District Office, 75 Main Street.

Respectfully submitted,

Wendy V. Chase,
Treasurer