

July 14, 2021
Lickdale, PA

The Union Township Board of Supervisors held a scheduled sewer meeting on July 14, 2021. The meeting was held at the Municipal Building, 3111 SR 72, Jonestown, PA.

Chairman Firestone called the meeting to order at 6:30 PM.

Present:

Dennis Firestone, Chairman

Kerry McCrary, Vice Chairman

Gary Longenecker, Secretary

Paul Bametzreider, Township Solicitor & Atty. Andrew Race

Scott Rights, Sewer Engineer

Brent McFeaters, Township Manager

Elizabeth Krause, Zoning Officer

Dusty Keller, Operator

Five (5) Citizens

PUBLIC COMMENTS

None

FINANCIAL REPORT

Gary Longenecker made a motion seconded by Kerry McCrary to approve the Financial Report. All approved.

SEWER MEETING MINUTES

Kerry McCrary made a motion seconded by Gary Longenecker to approve the minutes from the June 9, 2021 Sewer Meeting. All approved.

Operators Report

1. The plant is running very well. No problems to report.
2. My staff and I replaced the refrigeration sled in the effluent sampler. The sampler is staying cold now.
3. The MicroC2000 pilot test has concluded and the following results we're provided to the engineer and township manager. See below:

MicroC2000 Pilot Test for Nitrate Reduction
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Train 2 received 4.0 gpd of the MicroC2000 product while Train 1 did not. Please note that on the final day of the test the product was running out, thus the reason that the nitrate reduction was less.

Date	No MicroC2000 Addition		4.0 gpd MicroC2000 Addition		% Removal of NO ₃ by means of MicroC
	Train 1 Mixed Liquor (mg/L)	Clarifier 1 Nitrate (mg/L)	Train 2 Mixed Liquor (mg/L)	Clarifier 2 Nitrate (mg/L)	
6/1/21	2080	5.4	2560	2.6	51.9
6/2/21	2240	6.0	2510	2.1	65.0
6/3/21	2100	7.6	2430	2.3	69.7
6/4/21	2640	7.3	2330	2.9	60.3
6/5/21	2260	8.0	2300	3	62.5
6/6/21	2270	7.1	2300	0.3	95.8
6/7/21	2390	4.3	2260	0.2	95.3
6/8/21	2280	4.5	2420	0.1	97.8
6/9/21	2510	4.6	2170	0.1	97.8
6/10/21	2640	4.1	2430	0.1	97.6
6/11/21	2130	5.3	2540	0.2	96.2
6/12/21	2200	5.6	2200	1.6	71.4

4. For the month of June the average daily flow through the plant was 86,500 gallons for a total monthly flow of 2.59 million gallons. There was 3.76" of rainfall recorded during the month of June.

ENGINEER’S REPORT – Scott Rights

The following is an update on work completed by our office during the past month.

1. **Wastewater Treatment Plant & Collection System Issues:** Based on telephone conversations with the operator, no issues to report.
2. **Land Development Projects:** The following is an update on proposed land development projects and reviews as they relate to sanitary sewer.
 - a. **Freightliner of Lebanon (SE corner of SR 0072 and Old Forge Rd):** The owner has made application with the Township and has received his sewer permit. Final connection from the new building to the Township’s existing sewer main in Old Forge Rd. is still pending.
 - b. **Home 2 Suites Hotel (Fisher Ave.):** The applicant is in the Preliminary Plan preparation and approval phase of the project. The subdivision and land development plans propose a grinder pump with connection to the existing 3-inch low pressure sewer running parallel to the back of the property. All sanitary sewer comments have been satisfactorily addressed. *(No change to project status in recent months).*

3. **Additional WWTP Capacity Evaluation:** Brent, Dusty and I participated in a Zoom meeting on June 15 with PADEP to discuss the concept of increasing the permitted capacity of the WWTP from 150,000 gpd to 200,000 gpd by generally adding additional media. PADEP was supportive of the concept. They indicated they will require we apply for an amendment to the Water Quality Management Permit and National Pollutant Discharge Elimination System (NPDES) Permit prior to proceeding with the work if and when the need arises. Sewage Facilities Planning will not be required. Next steps include finalizing the cost estimates, developing a funding plan through anticipated fees collected from future developers and a phasing plan for implementation.
4. **Bond Refinancing:** Our office has been corresponding with PNC during the month regarding preparation of the self-liquidating debt report for the sewer system required for the refinancing.

STECKBECK ENGINEERING TO PROVIDE SELF-LIQUIDATING DEBT REPORT

Scott Rights explained the steps involved in preparing the report required for the bond refunding for the sewer treatment plant said the estimated cost of preparing the report is \$3,500.00. Dennis Firestone made a motion seconded by Gary Longenecker authorizing Scott Rights to prepare the Self-Liquidating Debt Report which will cost \$3,500.00. All approved.

SOLICITOR'S REPORT – ATTY. PAUL BAMETZREIDER

Atty. Bametzreider said he has nothing new to report.

NEW BUSINESS – None

OLD BUSINESS – None

BILLS

Dennis Firestone made a motion seconded by Kerry McCrary to pay the bills in the amount of \$14,063.23 from the Sewer Fund. All approved.

OTHER COMMENTS

None.

DATE OF NEXT LICKDALE TREATMENT PLANT MEETING

Wednesday, August 11, 2021, at 6:30 P.M

ADJOURNMENT

The meeting was adjourned at 6:35 p.m.

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Respectfully submitted,

Elizabeth Krause
Recording Secretary