

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
SEPTEMBER 13, 2022**

1. CALL TO ORDER

The chairperson called the meeting to order at 6:34 PM. Those assembled saluted the flag and the chairperson read the open public meeting statement in accordance with the law.

2. ROLL CALL

Present: Crane, Fields, McNally

Absent: Asay, Orr

Also Present: Director Timko, Attorney Kathleen Fennelly

3. RESOLUTION #2252-Closed Session Dish Wireless

Motion by Fields, second McNally to go into closed session at 6:37 pm.

All in favor; motion carried.

Motion by McNally second Fields, to return to open session at 6:48 pm.

All in favor; motion carried

4. APPROVAL OF MINUTES

Motion by Fields, second McNally to approve the Regular Meeting Minutes of August 9, 2022.

All in favor; motion carried.

5. CORRESPONDENCE

2nd Quarter Flow Report- Flows are the same as the 1st quarter and there has been no new development.

Timko directed to get a count of the number of single-family homes, multifamily homes, condos and townhouses.

6. PUBLIC COMMENT

None

7. ACTION/DISCUSSION ITEMS

a. Resolution #2253 Personnel Appointment Dan Kabus

Motion by Fields, second McNally to approve Resolution #2253.

ROLL CALL

Aye: Crane, Fields, McNally

Nay:

Motion Carried

b. Resolution #2254-2023 Budget Introduction

Motion by McNally, second Fields to approve Resolution #2254.

ROLL CALL

Aye: Crane, Fields, McNally

Nay:

Motion Carried

c. Plant Hydraulic Improvements

This discussion is continued from the 8/9/2022 meeting. The hydraulic study goes back to 2014 but improvements have been delayed. In discussions with the DEP, they won't allow us to make the original improvements we planned, to put piping between buildings to handle more flow. It will cost 1.5 million to do a bypass and 5 to 6 million for a plant expansion. BTSA could look into doing a sump pump inspection program to check for illegal sump pump connections. A fast spike in flows during a rainstorm indicate sump pump inflow because it drops off quickly as the storm subsides. Members discussed doing a town wide inspection program versus doing inspections during the sale of a home along with the smoke detector inspection and what both programs would require. Timko was directed to lay out the options and get more detailed information.

Public Comment was opened back up.

Todd Edelstein-172 Riverside Dr.-Commented that we could check for illegal sump pump connections with zoning permit and variance applications.

9. OPERATORS REPORT

AUGUST 2022 REPORT

FLOWS

| | | |
|--------------|------------|---------|
| Total Flow | 25,921,000 | Gallons |
| Average Flow | 836,000 | Gallons |
| Maximum Flow | 1,370,000 | Gallons |
| Minimum Flow | 688,000 | Gallons |

OPERATION

| <u>Suspended Solids</u> | <u>Dry Weight</u> | | <u>NJDEP Limit</u> |
|------------------------------|-------------------|------|--------------------|
| Influent | 2022 | Kg | |
| Effluent | 7.0 | Kg | 280 Kg/Day |
| Net | 2015 | Kg | 85% |
| Suspended Solids in Effluent | 2.0 | Mg/l | 30 Mg/l. |

| <u>CBOD</u> | <u>Dry Weight</u> | | <u>NJDEP Limit</u> |
|------------------|-------------------|------|--------------------|
| Influent | 462 | Kg | |
| Effluent | 26 | Kg | 75.7 Kg/Day |
| Net | 436 | Kg | 85% |
| CBOD in Effluent | 8.0 | Mg/l | 8 Mg/l |

| <u>Phosphorus</u> | <u>Dry Weight</u> | | <u>NJDEP Limit</u> |
|------------------------|-------------------|------|--------------------|
| Influent | 12.0 | Kg | |
| Effluent | 0.33 | Kg | |
| Phosphorus in Effluent | 0.09 | Mg/l | 0.76 Mg/l |

Remarks

Hypochlorite Used: 612 Gals. Sulfur Dioxide Used: 896 Lbs. Alum Used: 6027 Gals.
Caustic Used: 246 Gals. Total Precipitation 1.86 Inches. Effluent reuse 8.557 mg

Comments

Routine work and samples completed. Ran gens at pump stations and plant, BRI run, checked drives, tanks, gens, and vehicles. Flushed Fieldstone force main, checked all syphons, checked Barons, and checked Jamestown Rd., changed carbon E. Oak, Juniper Way, Fieldstone and MVR, exercised valves at pump stations, exercised sluice gates and valves at plant, cleaned probes at stations, Grease trap inspections, Replaced battery backup at Crown Ct, Cleared plant fence line, Removed Juniper Way comminutor motor for repair, Painted outside plant doors, Hutton construction repaired sink hole at Crown Ct, Joe and Jeremy sent for CDL training, ABB installed new influent transmitter.

Good through 8/28/22

TV inspection:

TV storm sewer at #31 Dryden Rd, storm sewer at # 41 Fieldstone, Townhall drainage system (camera became stuck in the line. DPW excavated and camera was removed).

Jetted:

NONE

Manhole inspections:

Located MH-HB-15-09 through HB-15-04,

Customer Service:

Investigate blockage at #48 Juniper Way (removed piece of PVC) all ok, #98 Lurline (clean out cap broken and wedged in lateral) owner notified.

SAFETY

See attached report submitted by Kyle Stasyshan (Kyle is training to replace Matt in this position).

PROJECTS

Security communication upgrade: Verizon submitted estimates for nine pump stations. LookFirst is still working with Verizon.

East Oak St. Force Main Rehab Phase 3: On hold.

Fieldstone Force Main: DOT permit issued. Started soliciting quotes.

Smoke Testing/CCTV/Cleaning/I&I Repairs: Suburban Consulting is still working with PSE&G to rectify two gas main intrusions.

Harrison Brook & Annin Rd CCTV: Raj submitted photos of equipment for the Wexford easement. Met with Raj at Wexford easement on 8/26/22. I instructed him to compose permission requests customized to each property that will require specialized access. Anything other than just permission to be on the property, IE... driveway access, foliage removal etc.

O2D High Flow Bypass: Will discuss whether to remain status quo or to pursue a different option.

Tie Breaker MCC4 – MCC5: Site survey with a certified electrician and Buchart Horn Engineer conducted on 8/2/22.

Wet well Header: Mike P. was on site 8/23/22 to go over bypass pumping options.

Solar Software: Vanguard is working with Also Energy to correct issues with negative meter readings.

Peracetic Acid Pilot study: Zoon meeting held on 8/29/22 to go over project.

August 2022 Monthly Safety Report

- Monthly safety inspections were completed.
- Conducted weekly and monthly stormwater inspections.
- Completed weekly emergency shower/ eye wash inspections.
- Completed monthly checks on fire extinguishers, lights, emergency lighting, and exit signs. Replaced batteries where needed.
- Brian still out from 2/21 for recovery from medical emergency.
- Exercised plant gens, gates, and valves.
- Joe and Jeremy attended CDL class

No lost time accidents 203 days. (Plus, August 31 days)

10. RESOLUTION #2255 – Approval of Bill List Dated: September 13, 2022 - \$635,185.24

Motion by McNally, second Fields to approve Resolution #2255 Bill List Dated September 13, 2022 - \$635,185.24

ROLL CALL

Aye: Crane, Fields, McNally

Nay:

Motion Carried

11. MEMBER/STAFF COMMENTS

Timko stated he submitted 2 grant applications to the County. One for \$800,000 for the Annin Road pump station and the other was \$2,000,000 for inflow and infiltration (I&I).

12. ADJOURNMENT

Motion by Fields, second McNally, to adjourn at 7:29 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long