

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY  
MEETING MINUTES  
MAY 10, 2022**

**1. CALL TO ORDER**

The chairperson called the meeting to order at 6:31 PM. Those assembled saluted the flag and the chairperson read the open public meeting statement in accordance with the law.

**2. ROLL CALL**

**Present:** Asay (by phone), Crane (by phone), Fields (by phone), Orr  
**Absent:** McNally  
**Also Present:** Director Timko, Attorney Belardo, Superintendent Raymond

**3. APPROVAL OF MINUTES**

Motion by Crane, second Fields to approve the Regular Meeting Minutes of April 12, 2022.

**Abstain:** Orr

**All in favor; motion carried.**

Motion by Crane, second Fields to approve the Closed Meeting Minutes of April 12, 2022.

**Abstain:** Orr

**All in favor; motion carried.**

**4. CORRESPONDENCE**

None

**5. PUBLIC COMMENT**

Todd Edelstein-172 Riverside Drive-asked about Resolution 2240.

**6. ACTION/DISCUSSION ITEMS**

**a. Resolution #2238 Flett Exchange srccs procurement**

Motion by Asay, second Fields to approve Resolution #2238.

**ROLL CALL**

**Aye:** Asay, Crane, Fields, Orr

**Nay:**

**Motion Carried**

**b. Resolution #2239 BTSA Salary Chart**

Motion by Fields, second Asay to approve Resolution #2239.

**ROLL CALL**

**Aye:** Asay, Crane, Fields, Orr

**Nay:**

**Motion Carried**

**c. Resolution #2240 Emex electric supply auction**

Motion by Asay, second Crane to approve Resolution #2240.

**ROLL CALL**

**Aye:** Asay, Crane, Fields, Orr

**Nay:**

## Motion Carried

### 7. OPERATORS REPORT

#### April 2022 Report

#### FLOWS

Total Flow	65,166,000	Gallons
Average Flow	2,172,000	Gallons
Maximum Flow	6,572,000	Gallons
Minimum Flow	1,150,000	Gallons

#### OPERATION

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1737	Kg	
Effluent	32	Kg	280 Kg/Day
Net	1705	Kg	85%
Suspended Solids in Effluent	3.0	Mg/l	30 Mg/l.

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	609	Kg	
Effluent	16	Kg	75.7 Kg/Day
Net	593	Kg	85%
CBOD in Effluent	2.0	Mg/l	8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	16.0	Kg	
Effluent	1.00	Kg	
Phosphorus in Effluent	0.11	Mg/l	0.76 Mg/l

#### Remarks

Hypochlorite Used: 781 Gals. Sulfur Dioxide Used: 787 Lbs. Alum Used: 5820 Gals.  
Caustic Used: 1176 Gals. Total Precipitation 6.34 Inches. Effluent reuse 6.323 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, TV rig out for generator repair, plant oil changes, pulled pump #1 at Madisonville Rd. (seal failure) replaced with spare (**performed in house saving the Authority approx. \$1200**), replaced discharge check valve on hypo pump #2, cleaned Madisonville wet well.

#### TV inspection:

Stick cam storm sewer on Newell Dr, Fieldstone force main discharge section to locate bends.

#### Jetted:

Storm sewer on Newell.

### **Manhole inspections:**

Keats, Highland, Thackery, Harrison Brook Dr, Goltra Dr, Wedgewood Dr, Southard Pl, Ashwood Ln, Cedar St.

### **Customer Service:**

Investigate odor complaint at #60 E. Oak St (homeowners' issue) main is fine, Jetted and TV storm sewer on Newell Dr for engineering, inspected capping at #40 Canter Dr, investigated blockage complaint at the library (main line ok) they called a plumber, investigate pressure sewer issue at #37 Stonehouse (advised them to call back the contractor, they drilled a hole in the line between the pump and the check valve) we suspect this to be the issue.

### **SAFETY**

See attached report submitted by Bob Raymond Plant Superintendent.

### **PROJECTS**

**Security Communication Upgrade:** Noah said Verizon is still working on a quote and confirming what is needed at each site. Nothing from Lomelo.

**East Oak St. Force Main Rehab Phase 3:** On Hold.

**Fieldstone Force Main:** On hold.

**Smoke Testing/CCTV/Cleaning/I&I Repairs:** Insituform as lined approx. **12,301 LF** to date.

**Harrison Brook & Annin Rd CCTV:** National Water Main has inspected a total of **26,552.3 LF** to date.

**O2D High Flow Bypass:** Mike M. submitted plan drawings to DEP for review.

**Tie Breaker MCC4 – MCC5:** Buchart Horn proposal for design approved.

**Wet Well Header:** Buchart Horn proposal for design approved.

**Solar Software:** Vanguard said the site is about 99% set up on AlsoEnergy. They are waiting for AlsoEnergy to update the production meter readings to remove all the rollover events. This should be finished this month.

**Peracetic Acid Pilot Study:** Buchart Horn given the go ahead to begin pilot study. Toured Parsippany facility on 4/14/22. Toured Berkley Heights facility on 4/26/22.

### **April 2022 Monthly Safety Report**

PPE training, Back Safety, Confined Space (new employees)

CDL Driver training, Fire Safety (new employees)

BB Pathogen training (new employees)

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.

Brian out since 2/21 to recover from a medical emergency.

Matt Hutchinson out due to illness.

Exercised plant gens, gates, and valves.

No lost time accidents 80 days.

April 8, 2022

Mr. Douglas Speeney  
Northern Bureau of Regional Enforcement  
NJDEP  
7 Ridgedale Avenue  
Cedar Knolls, NJ 07927

CERTIFIED MAIL - RRR

Re: NJDEP Hotline Case No. 22-04-07-2230-36 Operator #67

Dear Mr. Speeney:

Between April 7, 2022, and April 8, 2022, we experienced a flooding rain event which dropped 3.2 inches of rain in less than 24hrs. The Harrison Brook and the Dead River overflowed their banks. The aerators to the oxidation ditches were shut down at 1900 hours on April 7, 2022. The amount of rainfall coupled with an already saturated water table caused the oxidation ditches to start to overflow at 2200 hours on April 7, 2022. The NJDEP Hotline was notified at 2230 hours on April 7, 2022. The overflow from the oxidation ditches ceased at 0330 on April 8, 2022. NJDEP Hotline was notified at 1040 on April 8, 2022, and case number 22-04-07-2230-36 was updated by operator #59. In addition to the 4 influent main pumps, two 6-inch pumps are set up at the oxidation ditches to pump added flow to the clarifiers quicker, which helps to lessen the amount of the overflow.

The overflow was relatively clear, extremely dilute sewage. The amount of the overflow could not be measured.

Operators were kept on duty throughout the event and the following day to monitor plant operations and flow. The level in our oxidation ditches dropped sufficiently that aeration was resumed in the oxidation ditches at 2300 hours on April 8, 2022. Normal plant operations have been completely restored as of April 8, 2022. Residue clean up from the overflow has been completed.

Please advise immediately if you require any additional information regarding this overflow as the Authority wishes to maintain all available defenses with respect to this event.

Sincerely,

Robert Raymond  
Plant Superintendent

Cc: Tom Timko, Director  
Mike Pullano, Buchart Horn Consulting Engineer

**8. RESOLUTION #2241 – Approval of Bill List Dated: May 10, 2022 - \$483,446.61**

Motion by Fields, second Asay to approve Resolution #2241 Bill List Dated May 10, 2022 - \$483,446.61

**ROLL CALL**

**Aye:** Asay, Crane, Fields, Orr

**Nay:**

**Motion Carried**

**9. MEMBER/STAFF COMMENTS**

Raymond thanked the board for approving the new salary resolution.

Timko stated the plant flows are spiking quicker than last fall. He suspects there were more sump pumps installed since the Ida storm. He recommends we watch the flows a little longer and revisit in a few months. Crane agrees and wonders how much is from I and I.

**10. ADJOURNMENT**

Motion by Asay, second Crane, to adjourn at 6:46 pm.

**All in flavor; motion carried.**

Respectfully submitted,

Susan Long