

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY  
MEETING MINUTES  
JANUARY 12, 2021**

**1. CALL TO ORDER**

The chairperson called the meeting to order at 6:32 PM. Those assembled saluted the flag and the chairperson read the open public meeting statement in accordance with the law.

**2. ROLL CALL**

**Present:** Esposito (by phone), Fields, Orr  
**Absent:** Bannan, Pavlini  
**Also Present:** Director Timko, Attorney John Belardo

**3. APPROVAL OF MINUTES**

Motion by Fields, second Esposito to approve the Regular Meeting Minutes of December 15, 2020.

**All in favor; motion carried.**

Motion by Fields, second Esposito to approve the Closed Meeting Minutes of December 15, 2020.

**All in favor; motion carried.**

Motion by Fields, second Esposito to approve the Rate Hearing Transcript of November 24, 2020.

**All in favor; motion carried.**

**4. CORRESPONDENCE**

None

**5. PUBLIC COMMENT**

None

**6. ACTION/DISCUSSION ITEMS**

**a. Resolution #2108 Mary Pavlini Service Appreciation**

Motion by Esposito, second Fields to approve Resolution #2108.

**ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**b. Resolution #2109 Contract Meeker Sharkey Risk Managers**

Motion by Fields, second Esposito to approve Resolution #2109.

**ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**c. Resolution #2110 Contract Auditor Nisivoccia \$16,590**

Motion by Fields, second Esposito to approve Resolution #2110

**ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**d. Resolution #2111 Plant Switchgear Reuter Hanney CO #1 \$8,925**

Motion by Fields, second Esposito to approve Resolution #2111.

**ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**e. Resolution #2112 P2P Various Vendors**

Motion by Esposito, second Fields to approve Resolution #2112.

**ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**f. Resolution #2113 Bid Award E Oak Force Main Phase II-Arold Construction \$501,500**

Motion by Fields, second Esposito to approve Resolution #2113.

**ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**7. CONSULTING ENGINEERS REPORT**

**Developer Projects:**

**Bernards Plaza/Dewey Meadow Village Redevelopment**

We are still awaiting responses on the HDD submittal for the new force main construction. No schedule for sewer work has been provided.

**LCB Senior Living Mount Airy Road**

No updates.

**Mountainview**

No updates.

**Fenwick Place Subdivision**

Some sewer testing has been completed. More testing and punchlist work will continue once they are able to perform paving.

## **Authority Projects:**

### **Harrison Brook STP-RAS/WAS Rehabilitation**

The project is complete.

### **Harrison Brook STP - Main Switchgear Repairs**

A change order for additional breaker rehabilitation work and 90-day time extension has been prepared by the Contractor in lieu of the original base bid work to repair the breakers. Upon approval by the Authority, the Contractor will complete the work in the next 90 days

### **NJPDES Permit Renewal Harrison Brook STP**

No Updates. BTSA should expect a preliminary draft permit renewal from DEP withing the next couple months.

## **8. OPERATORS REPORT**

### **December 2020 Report**

#### **FLOWS**

Total Flow	69,793,000	Gallons
Average Flow	2,251,000	Gallons
Maximum Flow	5,486,000	Gallons
Minimum Flow	1,454,000	Gallons

#### **OPERATION**

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1163 Kg		
Effluent	27 Kg		280 Kg/Day
Net	1136 Kg	96.0 % Removed	85%
Suspended Solids in Effluent	3.0 Mg/l		30 Mg/l

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	485 Kg		
Effluent	21 Kg		75.7 Kg/Day
Net	464 Kg	91.0 % Removed	85%
CBOD in Effluent	2.0 Mg/l		8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	8.0 Kg		
Effluent	1.0 Kg		
Phosphorus in Effluent	0.13 Mg/l		0.76 Mg/l

#### **Remarks**

Hypochlorite Used: 1187 Gals. Sulfur Dioxide Used: 998 Lbs. Alum Used: 5750 Gals.  
Caustic Used: 0 Gals. Total Precipitation 5.25 Inches. Effluent reuse 6.597 mg

#### **Comments**

Routine work and samples completed. Ran gens at pump stations and plant. Checked Pleasant Valley Pump Stations (**requested by DEP enforcement agent**), BRI run, Checked drives, tanks, gens and vehicles. Checked all syphons, checked Barons and checked Jamestown Rd., changed carbon E. Oak,

Juniper way, Fieldstone and MVR, flushed fieldstone force main, exercised valves at pump stations, exercised sluice gates and valves at plant, cleaned probes at stations, inspected all flood prone manholes, place dishes into manholes CW-03 and CW02 on Newel Dr, replaced riser rings in manholes CW01, CW02 and CW03 on Newel Dr, Grease trap inspections, repaired effluent splitter bar at FST's, Suburban propane installed new tank behind jet truck building (**Suburban has replaced AmeriGas as our propane supplier**), 4<sup>th</sup> ¼ back flow preventer inspections, Replaced heater inside climber screen (**repair made in house by BTSA staff saving the Authority approx.. \$800**), replaced GFI outlet on climber screen,

**On Monday 12/14/2020 the control board for S. Maple emergency generator went bad rendering the generator inoperable. We immediately activated the emergency bypass plan written for that station. We had Pumping Services deliver and install a 10" bypass pump so that in the event of a power failure, the station and surrounding area would not be compromised. This was all accomplished within a 5hr window. BTSA staff located a replacement control board and arranged for it to be overnighted to our facility. We then contacted a Cummins service tech who was able to install the board and revive the generator on Wed. 12/16/2020. The generator was back online just in time for the snowstorm.**

**BTSA staff were on duty through the Christmas Holiday due to high flow from the 12/24/2020 rain event.**

**TV inspection:**

Stonehedge Rd, new connection at Crown Ct, Blackburn Rd, Cayuga Way, Chester Ct, Brian Ln, Bullion Dr

**Jetted:**

Brian Ln blockage due to debris left from water main break.

**Manhole inspections:**

None

**Customer Service:**

TVed #17 Lafayette Ln cleanouts (homeowners' issue), missing manhole complaint in Lord Stirling Village (missing cover was for a small water valve),

**SAFETY**

See attached report submitted by Matt Hutchinson

**PROJECTS**

**RAS/WAS:** MM is reviewing as-builts.

**Plant Generator Phase 2:** MM submitted recommendation letter regarding additional repairs needed.

**Plant Office Computer Upgrade:** LookFirst installed office PC's on 12/30/2020.

**Security communication upgrade:** All stations are now on cellular service. Albert Is working on DVR installations.

**East Oak St. force main Rehab Phase 2:** Bid opening on 12/29/2020 resulted in Arold Construction as lowest bidder.

**Fieldstone force main:** Suburban consulting has submitted preliminary documents for review. BTSA hired GPR ONE CALL to mark out the force main. BTSA will hire a contractor to dig test pits in order to examine sections of the main.

**Smoke Testing/CCTV/Cleaning:** A total of **55,179.9** LF of sanitary main has been inspected and pre cleaned to date.

**Raw Sewerage wet well piping:** Wet well piping project added to the 2021 draft budget.

**TV camera software update:** Meeting with Pierce Eagle and the representative from Possum software postponed until further notice.

### **December 2020 Monthly Safety Report**

- Continued following implemented COVID-19 precautions, limited contact, use of facemasks, increased hygiene practices, social distancing, sign-in sheet for visitors and deliveries.
- Monthly safety inspections were completed.
- Conducted weekly storm drain inspections.
- Completed all monthly checks on fire extinguishers, lights, emergency lighting, exit signs, emergency showers and eye wash stations.
- Exercised plant gens and valves
- The staff completed some of the annual online safety courses.
- Scheduled fit testing for Scott mask completed 12/9/2020
- Lost time no accidents 122 days (Plus December 31 days).

### **9. RESOLUTION #2114 – Approval of Bill List Dated: January 12, 2021 - \$207,468.21**

Motion by Fields, second Esposito to approve Resolution #2114 Bill List Dated January 12, 2021 - \$207,468.21

#### **ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

### **10. MEMBER/STAFF COMMENTS**

Members thanked staff for their work and wished everyone a Happy New Year.

### **11. ADJOURNMENT**

Motion by Fields, second Esposito, to adjourn at 6:58 pm.

**All in flavor; motion carried.**

Respectfully submitted,

Susan Long