

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY  
MEETING MINUTES  
FEBRUARY 9, 2021**

**1. CALL TO ORDER**

The chairperson called the meeting to order at 6:36 PM. Those assembled saluted the flag and the chairperson read the open public meeting statement in accordance with the law.

**2. ROLL CALL**

**Present:** Bannan, Crane, Esposito, Fields, Orr

**Absent:**

**Also Present:** Director Timko, Attorney Melissa Reilley, Mott MacDonald  
Wohlleb (by phone)

**3. RESOLUTION #2115-Closed Session Professional Contracts**

Motion by Harris, second Esposito to go into closed session at 6:36 pm.

**All in favor; motion carried.**

Motion by Harris second Esposito, to return to open session at 6:38 pm.

**All in favor; motion carried**

**4. APPROVAL OF MINUTES**

Motion by Esposito, second Fields to approve the Regular Meeting Minutes of January 12, 2021.

**Abstain:** Crane, Harris

**All in favor; motion carried.**

**5. CORRESPONDENCE**

4<sup>th</sup> Quarter Flow Report-Timko stated a few changes were made on the flow report. Fellowship Senior Living will be adding a 14,000sf addition and Braemar Partners is proposing an 80-bed assisted living facility on 2 lots on Valley Road.

**6. PUBLIC COMMENT**

Todd Edelstein, Riverside Drive-Discussed computer hack in Florida water plant.

**7. ACTION/DISCUSSION ITEMS**

**a. Resolution #2116 Stetson CyberGroup \$21,600**

Motion by Esposito, second Harris to approve Resolution #2116.

**ROLL CALL**

**Aye:** Bannan, Crane, Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**b. Resolution #2117 Budget Transfer Main Switchgear**

Motion by Fields, second Harris to approve Resolution #2117.

**ROLL CALL**

**Aye:** Bannan, Crane, Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**c. Resolution #2118 Reuter Hanney-CO #2 Main Switchgear \$16,725**

Motion by Esposito, second Harris to approve Resolution #2118.

**ROLL CALL**

**Aye:** Bannan, Crane, Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**d. Resolution #2119 En-Tech CO #3 2018 Collection System Repairs (\$20,794.15)**

Motion by Harris, second Esposito to approve Resolution #2119.

**ROLL CALL**

**Aye:** Bannan, Crane, Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**8. CONSULTING ENGINEERS REPORT**

**Developer Projects:**

**Bernards Plaza/Dewey Meadow Village Redevelopment**

Mott MacDonald is currently providing a response to the developer's engineer related to their responses to our prior review letter on the HDD construction. No schedule for sewer work has been provided.

**LCB Senior Living Mount Airy Road**

No updates.

**Mountainview**

No updates.

**Fenwick Place Subdivision**

No updates.

**Authority Projects:**

**Harrison Brook STP - Main Switchgear Repairs**

The Contractor completed the investigation and breaker diagnostic work under the Contract. He provided his recommendations for repair and replacement of breaker and associated components in consideration of operational reliability and health and safety. He has prepared his recommendations and proposal to perform the recommended work. His proposal has been reviewed by Mott MacDonald and BTSA. Mott MacDonald has recommended proceeding with his proposal to BTSA.

**NJPDES Permit Renewal Harrison Brook STP**

No Updates.

**9. OPERATORS REPORT**

**January 2021 Report**

**Flows**

Total Flow	57,340,000	Gallons
Average Flow	1.850,000	Gallons

Maximum Flow	3,391,000	Gallons
Minimum Flow	1,244,000	Gallons

### Operation

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	2635	Kg	
Effluent	26	Kg	280 Kg/Day
Net	2609	Kg	96.0 % Removed
Suspended Solids in Effluent	4.0	Mg/l	85% 30 Mg/l

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	600	Kg	
Effluent	15	Kg	75.7 Kg/Day
Net	585	Kg	97.0 % Removed
CBOD in Effluent	2.0	Mg/l	85% 8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	25	Kg	
Effluent	1.5	Kg	
Phosphorus in Effluent	0.23	Mg/l	0.76 Mg/l

### Remarks

Hypochlorite Used: 762 Gals. Sulfur Dioxide Used: 873 Lbs. Alum Used: 5710 Gals.  
Caustic Used: 0 Gals. Total Precipitation 3.15 Inches. Effluent reuse 6.093mg

### 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, cleaned station wet wells, Replaced battery back up at E. Oak St, installed spare motor on lagoon aerator #3 (**performed inhouse saving Authority approx.. \$1200**), replaced all internal components of press RPZ, (**performed inhouse saving Authority approx... \$800**), replaced hot water recirculation pump #2 (**performed inhouse saving Authority approx. \$1200**), changed air filters at E. Oak St VFD cabinet, replaced hypo line in CL2 building.

### TV inspection:

Bullion Dr, Cantor Rd, Spencer Ln,

### Jetted:

Riverwalk lateral, main at #25 Briar Ln

### Manhole inspections:

Installed manhole gasket in SRPS-03-07,

### **Customer Service:**

Blockages call for #25 Briar Ln, found gravel and grit in a section of the line, suspect debris from water main break, jetted and vacuumed line, all ok., Cleared blockage in lateral line at Riverwalk,

### **Safety**

See attached report submitted by Matt Hutchinson Safety Coordinator.

### **Projects**

**RAS/WAS:** MM delivered as-builts on 2/4/21.

**Plant Generator Phase 2:** MM submitted recommendation letter regarding additional repairs needed. On 1/20/21 Reuter Hanney submitted test results for Generator #1 disconnect. I forwarded the report to MM.

**Plant Office Computer Upgrade:** LookFirst installed office PC's on 12/30/2020. Chris Pawlik will submit a quote for SCADA software installation.

**Security communication upgrade:** All stations are now on cellular service. Emailed Albert on 2/4/21 requesting a status update on the 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 solicited pricing from contractors to dig test pits to examine sections of the main. Messercola Excavating came in with the lowest price. Due to excessive snow fall, this job will be put on hold until easier access is possible.

**Smoke Testing/CCTV/Cleaning:** A total of **68,173.4 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:** Johnny will touch base with Pierce Eagle on 2/4/21 to reschedule a meeting with the representative from Possum software.

### **January 2021 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.

Fire Extinguishers and Fire Detection/Alarm System serviced 1/8/21.

JIF SIP Paperwork submitted.

Reviewed and updated safety programs and SOPs.

Hazmat awareness with GHS and HazCom training completed 1/29/21

Lost time no accidents 153 days (Plus January 31 days).

**10. RESOLUTION #2120 – Approval of Bill List Dated: February 9, 2021 - \$525,608.66**

Motion by Harris, second Fields to approve Resolution #2052 Bill List Dated February 9, 2021 - \$525,608.66

**ROLL CALL**

**Aye:** Bannan, Crane, Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**11. MEMBER/STAFF COMMENTS**

Members welcomed John Crane to the Authority.

Crane mentioned the challenge is that we are working with an old infrastructure. He also gave a summary of his background and thanked Mary Pavlini for her years of service to the Sewerage Authority.

**12. ADJOURNMENT**

Motion by Fields, second Harris, to adjourn at 7:14 pm.

**All in flavor; motion carried.**

Respectfully submitted,

Susan Long