

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY  
MEETING MINUTES  
NOVEMBER 24, 2020**

**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.

**ROLL CALL**

**Present:** Esposito, Fields, Harris (6:49 by phone, arrived 7:05), Orr

**Absent:** Pavlini

**Also Present:** Director Timko, Attorney John Belardo, Superintendent Raymond

**APPROVAL OF MINUTES**

Motion by Fields, second Esposito to approve the Regular Meeting Minutes of October 13, 2020.

**All in favor; motion carried.**

**CORRESPONDENCE**

3 Quarter Flow Report – The rolling average is lower, which is good.

**PUBLIC COMMENT**

None

**ACTION/DISCUSSION ITEMS**

**a. Resolution #2075 Personnel Appointment Destini Benson**

Motion by Fields, second Esposito to approve Resolution #2075.

**ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**b. Resolution #2076 2021 Budget Adoption**

Motion by Esposito, second Fields to approve Resolution #2076.

**ROLL CALL**

**Aye:** Esposito, Fields, Orr

**Nay:**

**Motion Carried**

**c. Resolution #2077 E Oak Force Main Arold Construction CO #1 (\$35,591.63)**

Motion by Fields, second Esposito to approve Resolution #2077.

**ROLL CALL**

**Aye:** Esposito, Fields, Harris, Orr

**Nay:**

**Motion Carried**

**d. Resolution #2078 Mountainview Corporate Center LLC, 180-181 Mountainview Blvd Allocation**

Motion by Esposito, second Harris to approve Resolution #2078.

**ROLL CALL**

**Aye:** Esposito, Fields, Harris, Orr

**Nay:**

**Motion Carried**

**MOTION TO GO INTO CLOSED SESSION**

Motion by Esposito, second Fields to go into closed session at 6:55 pm to discuss the consent agenda.

**All in favor; motion carried.**

Motion by Harris second Fields, to return to open session at 7:28 pm.

**All in favor; motion carried**

**CONSENT AGENDA - PROFESSIONAL SERVICES RESOLUTIONS:**

The items listed within the consent agenda portion of the meeting will have been previously referred to the Authority for reading and study, a copy placed on the bulletin board of the meeting room and are considered routine and will be enacted by one motion of the Authority with no separate discussion. If separate discussion is required, the item may be removed from the consent agenda for separate discussion and action.

**e. Resolution #2079 PSC Auditor Nisivoccia \$16,590**

Motion by Esposito, second by Harris to remove Resolution #2079 and table it until the next meeting.

**All in flavor; motion carried.**

**f. Resolution #2080 PSC Authority Attorney John Belardo \$25,000**

**g. Resolution #2081 PSC Authority Labor Attorney Richard Flaum \$10,000**

**h. Resolution #2082 PSC Conflict Attorney Stephen Davis \$15,000**

**i. Resolution #2083 PSC Mott MacDonald General Consulting \$65,000**

Motion by Harris, second by Fields to remove items f, g, h and i.

**All in flavor; motion carried.**

Motion by Fields, second Harris to approve Resolution #2080, 2081 and 2082 for a six month contract and approve Resolution #2083 for a one year contract.

**ROLL CALL**

**Aye:** Esposito, Fields, Harris, Orr

**Nay:**

**Motion Carried**

**CONSULTING ENGINEER'S REPORT**

**Developer Projects:**

**Bernards Plaza/Dewey Meadow Village Redevelopment**

A Pre-Construction meeting was conducted on 11/4/2020 with the project developer, design engineer, and construction contractors to discuss the proposed sanitary sewer and pump station improvements that are to be completed by the developer.

### **LCB Senior Living Mount Airy Road**

No updates.

### **Mountainview**

No updates.

### **Fenwick Place Subdivision**

The developer has started construction. The doghouse manhole has been installed in Valley Road and has begun construction of the onsite sewer.

### **Authority Projects:**

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

Final inspection occurred on 10/19/2020. It was noted that there were electrical wires hanging from the ceiling in the RAS/WAS building, additionally the Contractor has to prepare and submit as-built drawings. Once these items have been addressed the project will be completed.

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

The Contractor (Reuter Hanney) for the above project has identified several deficiencies, while performing the switchgear maintenance work, that should to be addressed. These items are new findings that go beyond of the original scope of the project. Mott MacDonald provided the Authority with a list of repairs and maintenance which are recommended to address the deficiencies.

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

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

### **OPERATORS REPORT**

#### **October 2020 Report**

##### **Flows**

Total Flow	44,579,000	Gallons
Average Flow	1,438,000	Gallons
Maximum Flow	3,554,000	Gallons
Minimum Flow	1,031,000	Gallons

##### **Operation**

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1412	Kg	
Effluent	12	Kg	280 Kg/Day
Net	1400	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	404	Kg
Effluent	8	Kg
		75.7 Kg/Day

Net	396 Kg	97.0 % Removed	85%
CBOD in Effluent	2.0 Mg/l		8 Mg/l
<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	22 Kg		
Effluent	0.9 Kg		
Phosphorus in Effluent	0.20 Mg/l		0.76 Mg/l

### **Remarks**

Hypochlorite Used: 812 Gals. Sulfur Dioxide Used: 842 Lbs. Alum Used: 5810 Gals.  
Caustic Used: 0 Gals. Total Precipitation 5.03 Inches. Effluent reuse 6.656mg

### **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, landscape stations, Replaced gen batteries at Annin Rd, Fieldstone, Madisonville and Jamestown Gens., Pumping Services replaced tee on S. Maple bubbler system, removed hot water recirculation pump #2 (impeller jammed) (**performed in house saving the Authority approx. \$800**), Pumping Service replaced transducer at Crown Ct, Repaired flush valve on Crown Ct pump #2 (**performed in house saving the Authority approx. \$1200**), Installed rebuilt motor on inlet heating unit (**performed in house saving the Authority approx. \$1200**), took metal to scrap yard, version installed and programed new ADTRAN switch at Rebel Hill pump station, T Slack pulled new wire for diesel sensor unit.

### **TV inspection:**

#8 Homestead Rd (no defects detected in our line, previous blockage was in homeowners' line and not our responsibility),

### **Jetted:**

Line in front of #473 Pens Way,

### **Manhole inspections:**

None

### **Customer Service:**

Blockage call to #473 Pens Way (cleared with jet truck, all OK),

### **Safety**

See attached report submitted by Matt Hutchinson

### **Projects**

**RAS/WAS:** O&Ms and flash drive delivered the week of 10/26/2020. Owner training held on Friday 10/30/2020. Replacement damper motor installed first thing Friday.

**Plant Generator Phase 2:** Parts for the new generator breaker should be here by the second week of November. Contractor should be out on Monday the 23<sup>rd</sup> of November to install the new equipment and test run the gen.

**Plant Office Computer Upgrade:** New office equipment delivered to First Look Tech. in Chalfont PA on Thursday 10/22/2020. Monitors have been delivered to the plant.

**Security communication upgrade:** Albert was on site this week to continue programing equipment. He took one of the units' home with him so that he could continue to work past our operating hours. Need to establish a VPN tunnel between the main plant and the remote sites. Albert is awaiting software that will enable them to do so.

**East Oak St. force main Rehab Phase 2:** East Oak lining project phase 2 design contract approved at Oct. meeting.

**Smoke Testing:** E. Oak St. smoke testing bid awarded to National Water Main Cleaning Company.

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

**TV camera software update:** Camera truck picked up from Delaware on 10/19/2020. Johnny is researching options for software update.

#### **October 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.
- Replaced burned out lightbulbs where needed.
- Finished and submitted annual RTK survey (Due by Nov 15)
- Exercised plant gens and valves
- The staff completed some of the annual online safety courses.
- Lost time no accidents 61 days (Plus October 31 days).

#### **RESOLUTION #2084 – Approval of Bill List Dated: November 24, 2020 - \$676,062.59**

Motion by Harris, second Esposito to approve Resolution #2084 Bill List Dated November 24, 2020 - \$676,062.59

#### **ROLL CALL**

**Aye:** Esposito, Fields, Harris, Orr

**Nay:**

**Motion Carried**

### **MEMBER/STAFF COMMENTS**

Timko informed members that the Township is going to take care of the charging station at 277 S Maple Ave.

Members wished everyone a Happy Thanksgiving.

### **ADJOURNMENT**

Motion by Harris, second Esposito, to adjourn at 7:33 pm.

**All in flavor; motion carried.**

Respectfully submitted,

Susan Long