

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
DECEMBER 15, 2020**

CALL TO ORDER

The chairperson called the meeting to order at 6:33 PM. Those assembled saluted the flag and the chairperson read the open public meeting statement in accordance with the law.

ROLL CALL

Present: Esposito, Bannan (by phone, arrived 6:42pm), Orr

Absent: Fields, Pavlini

Also Present: Director Timko, Attorney John Belardo, Sean McCarthy CFO

RESOLUTION #2101-CLOSED SESSION

Motion by Esposito, second Bannan to go into closed session at 6:34 pm.

All in favor; motion carried.

Motion by Esposito second Bannan, to return to open session at 6:48 pm.

All in favor; motion carried

APPROVAL OF MINUTES

Motion by Bannan, second Esposito to approve the Regular Meeting Minutes of November 24, 2020.

All in favor; motion carried.

Motion by Bannan, second Esposito to approve the Closed Meeting Minutes of November 24, 2020.

All in favor; motion carried.

CORRESPONDENCE

None

PUBLIC COMMENT

Todd Edelstein, Riverside Drive-He would like the agenda to be linked to the calendar.

ACTION/DISCUSSION ITEMS

a. Resolution #2102 Meeting Dates

Motion by Bannan, second Esposito to approve Resolution #2102

ROLL CALL

Aye: Esposito, Bannan, Orr

Nay:

Motion Carried

b. Resolution #2103 Holiday Schedule

Motion by Esposito, second Bannan to approve Resolution #2103

ROLL CALL

Aye: Esposito, Bannan, Orr

Nay:

Motion Carried

c. Resolution #2104 Pay for Performance coordination

Motion by Bannan, second Esposito to approve Resolution #2104.

ROLL CALL

Aye: Esposito, Bannan, Orr

Nay:

Motion Carried

d. Resolution #2105 Coppola Services-RAS WAS Project CO #1 (\$29,000)

Motion by Esposito, second Bannan to approve Resolution #2105.

ROLL CALL

Aye: Esposito, Bannan, Orr

Nay:

Motion Carried

e. Resolution #2106 Caustic soda bid award-Main Pool & Chemical \$36,400

Motion by Bannan, second Esposito to approve Resolution #2106.

ROLL CALL

Aye: Esposito, Bannan, Orr

Nay:

Motion Carried

CONSULTING ENGINEERS REPORT

Developer Projects:

Bernards Plaza/Dewey Meadow Village Redevelopment

The Contractor's drilling contractor still needs to submit his Horizontal Directional Drilling plan details prior to force main construction commencing. Onsite sewer work is anticipated in December, however we have not been notified to date as to a start date.

LCB Senior Living Mount Airy Road

No updates.

Mountainview

No updates.

Fenwick Place Subdivision

The contractor has completed construction of the sewers. A punchlist has been developed for ongoing completion items that will need to be performed by the Contractor prior to issuance of certificates of occupancy and acceptance of the sewers. Sewer testing requirements and internal inspection items are included in the remaining work.

Authority Projects:

Harrison Brook STP-RAS/WAS Rehabilitation

Maintenance Bond and lien release paperwork was sent to the Authority on November 23, 2020 for review. As-built redline drawings were submitted to Mott MacDonald also on November 23, 2020. They have been reviewed and will be forwarded to BTSA for their files. A final payment application and contract change order reducing the contract value from the original bid price is required along with formal acceptance of the maintenance bond by the Authority.

Harrison Brook STP - Main Switchgear Repairs

The Authority is currently reviewing a list of repairs and maintenance which are recommended to address deficiencies found during the contractor's work. In addition, the new generator breaker equipment was scheduled to be installed November 23 and we are currently following up with Reuter Hanney for an updated installation date. The contract completion date is January 7, 2021. The contractor has not requested progress payments to date for the project but continues to work.

NJPDES Permit Renewal Harrison Brook STP

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

OPERATORS REPORT

There was some damage at Ridge Oak from the recent smoke testing and there was a problem at South Maple pump station so we rented a diesel pump in case of failure during the upcoming snowstorm on 12/16.

November 2020 Report

Flows

Total Flow	52,631,000	Gallons
Average Flow	1,754,000	Gallons
Maximum Flow	5,938,000	Gallons
Minimum Flow	1,258,000	Gallons

Operation

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1678	Kg	
Effluent	13	Kg	280 Kg/Day
Net	1665	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	585	Kg	
Effluent	14	Kg	75.7 Kg/Day
Net	571	Kg	85%
CBOD in Effluent	3.0	Mg/l	8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	12	Kg	
Effluent	1.0	Kg	
Phosphorus in Effluent	0.18	Mg/l	0.76 Mg/l

Remarks

Hypochlorite Used: 787 Gals. Sulfur Dioxide Used: 974 Lbs. Alum Used: 5580 Gals.
Caustic Used: 0 Gals. Total Precipitation 5.5 Inches. Effluent reuse 6.537 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, swap out lagoon aerator #3 with spare, flushed Fieldstone force main, Hi Velocity flush clogged Fieldstone force main, rebuilt scum pit frames, serviced snow blowers, replaced motor on press building heater (**performed in house saving the Authority approx. \$1000**), Jetted Barons, Jetted syphons, repaired backflow preventer in alum building, readjusted and repaired transducer at Fieldstone pump station (**performed in house saving the Authority approx. \$1200**), New employee Destiny Benson started on 11/30/2020,

TV inspection:

Cameron Ct, Stonehedge Dr, Cedar Creek Dr,

Jetted:

Overlook Ave, Belmont Ct, Stoneview Ct, Pin Oak Ct, Hunters Lane, Tall Timber Lane,

Manhole inspections:

None

Customer Service:

Placed dish into Manhole #Eos-14-02 in response to rattling complaint from resident.

SAFETY

See attached report submitted by Matt Hutchinson

PROJECTS

RAS/WAS: We are awaiting upgraded as-builts. Johnny traced the hanging wires and determined they were run to power flow meters use during RAS bypass. Contractor will terminate the wires and recap conduit.

Plant Generator Phase 2: CAT generator breaker installs postponed due to late delivery of the parts.

Plant Office Computer Upgrade: First Look began SCADA equipment install on 11/18/2020.

Security communication upgrade: Albert is still installing equipment at remote sites. Stonehouse, Crown Ct and Madisonville are currently running on the new cellular system.

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

Fieldstone force main: Suburban consulting has preliminary numbers and will submit to us for review.

Smoke Testing: Conference call on 11/23/2020 discussed moving forward with reduced hose size and gpm to avoid residential damage. CCTV and cleaning to resume after Thanksgiving.

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

TV camera software update: Johnny delivered parts for repair to Delaware on 11/11/2020.

November 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.

New Hire Destini Benson started 11/30, issued PPE

Scheduled fit testing for 12/9/2020

Lost time no accidents 91 days (Plus November 30 days).

RESOLUTION #2107 – Approval of Bill List Dated: December 15, 2020 - \$197,590.09

Motion by Bannan, second Esposito to approve Resolution #2107 Bill List Dated December 15, 2020 - \$197,590.09

ROLL CALL

Aye: Esposito, Fields, Bannan, Orr, Pavlini

Nay:

Motion Carried

13. Member/Staff Comments

Belardo gave a legal recap for the year. The year was quiet and efficient. Legal expenses did not exceed \$11,500. Tom runs the Authority well along with staff. Happy Holidays and Merry Christmas.

Members thanked staff for all their work and wished everyone Happy Holidays.

14. ADJOURNMENT

Motion by Esposito, second Bannan, to adjourn at 7:08 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long