

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
NOVEMBER 20, 2018**

CALL TO ORDER

The chairperson called the meeting to order at 6:30 PM. Those assembled saluted the flag and the chairperson read the open public meeting statement in accordance with the law.

ROLL CALL

Present: Baldassare, Carpenter, Gaziano (arrived 6:32), Malay
Absent: Pavlini
Also Present: Director Timko, Attorney John Belardo, Superintendent Raymond, Mott MacDonald Polednik, Todd Edelstein Riverside Dr.

APPROVAL OF MINUTES

Motion by Malay, second Baldassare to approve the Regular Meeting Minutes of October 9, 2018.

All in flavor; motion carried.

Motion by Baldassare, second Malay to approve the Closed Meeting Minutes of October 9, 2018.

All in flavor; motion carried.

CORRESPONDENCE

2Q & 3Q Flow Reports

There is a multi-family project beginning on Columbia Road which will not have a big impact on the Authority. We will be getting an Allocation Agreement from them in the future.

2Q and 3Q flows are averaging 2 million gallons a day. Next flow report will be much higher because of all the rain.

PUBLIC COMMENT

Todd Edelstein of Riverside Drive requested a tour of the Treatment Plant.

ACTION/DISCUSSION ITEMS

a. Resolution #1878–Salary Chart

Motion by Baldassare, second Malay to approve Resolution #1878.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Abstain:

Motion Carried

b. Resolution #1879–Suburban Consulting I&I Assessment Time Extension

Motion by Malay, second Gaziano to approve Resolution #1879.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Motion Carried

c. Resolution #1880-Adopt 2019 Budget

Motion by Baldassare, second Malay to approve Resolution #1880.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Motion Carried

d. Resolution #1881-Mott MacDonald CO #5 Stonehouse PS \$4,707.69

Motion by Malay, second Gaziano to approve Resolution #1881.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Motion Carried

e. Resolution #1882-Dulaine Construction CO #4 Madisonville FM Phase II \$8,327.36

Motion by Gaziano, second Malay to approve Resolution #1882.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Motion Carried

f. Resolution #1883 –Bid Award En-Tech Corp 2018 Collection System Rehab \$305,065.06

Motion by Malay, second Gaziano to approve Resolution #1883.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Motion Carried

g. Resolution #1884-Beaver Electric CO #5 & Final Oxidation Ditch Aerators \$154,907.89

Motion by Baldassare, second Malay to approve Resolution #1884.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Motion Carried

h. Resolution #1885-NJDEP Settlement Agreement Gas Fill Pipe

NJDEP cited the Authority for an issue with the spill bucket that surrounds the UST fill pipe. Despite immediate correction and compliance by BTSA DEP will not drop the fine so a settlement is the only way to reduce the fine without pursuing administrative relief through a drawn out process which would involve legal fees.

Motion by Baldassare, second Malay to approve Resolution #1885.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Motion Carried

10. Consulting Engineers Report

DEVELOPER PROJECTS:**Fellowship Village**

Punchlist items and final video inspections have been completed. A final recommendation letter to BTSA for completion will be prepared to close out the project.

AUTHORITY PROJECTS:**Monarch Circle / Crown Court Pump Station**

Final punchlist items and submissions are in progress.

Harrison Brook STP-RAS/WAS Rehabilitation

WAS improvements are near completion and a final startup and punchlist development are being coordinated.

Harrison Brook STP-1M Belt Filter Press Building Demolition

We await final completion of electrical work and project closeout.

Harrison Brook STP Sludge Hauling

We are currently developing our recommendations for sludge disposal options. We will prepare a recommendations letter report in December.

11. BTSA Operators Report**October 2018 Report****FLOWS**

Total Flow	58,124,000	Gallons
Average Flow	1,875,000	Gallons
Maximum Flow	3,580,000	Gallons
Minimum Flow	1,268,000	Gallons

OPERATION

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1079	Kg	
Effluent	11	Kg	280 Kg/Day
Net	1068	Kg	85%
Suspended Solids in Effluent	1.68	Mg/l	30 Mg/l

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	511	Kg	
Effluent	15	Kg	75.7 Kg/Day
Net	496	Kg	85%
CBOD in Effluent	2.20	Mg/l	8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	16	Kg	
Effluent	1.27	Kg	
Phosphorus in Effluent	0.19	Mg/l	0.76 Mg/l

Remarks

Hypochlorite Used: 818 Gals. Sulfur Dioxide Used: 735 Lbs. Alum Used: 6000 Gals.
Caustic Used: 0 Gals. Total Precipitation 4.5 Inches.

Comments

Routine work and samples completed. Ran gens at pump stations and plant. Checked drives, tanks, gens and vehicles. Checked all syphons, checked & jetted 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, replaced RPZ and piping in boiler room, installed 6" PVC piping over catwalks at FST's for more efficient bypass pumping during high flows, eff flow meter calibrated, Marked out E. Oak force main, serviced snow blowers, T-Slack repaired spill bucket and vent at underground gas tank, Removed burnt Oak St. Comminutor motor (**performed in house saving the Authority approximately \$800.00**), Inspected #40 Dogwood Way for lateral removal, JCP&L checked incoming voltage to plant (all normal).

TV inspection:

Harrison Brook Dr, Lincroft Dr., Bullion Rd. Grist Mill Dr,

Jetted:

Franklin Dr.

Manhole inspections:

S.E. Rose replaced 3 frames and lids on King George Rd.,

Customer Service:

Investigated odor complaint at # 498 King George Rd. (none detected)

SAFETY

See attached report submitted by Brian Thornton Safety Coordinator.

PROJECTS

Old Press Bldg. Demo.: The new cabinet has been correctly secured to the concrete base. Contractor needs to complete demo of old electric cabinetry and restore the grounds.

Caustic Chemical System Upgrade: Suburban Consulting performed final walk through. Gutter and door locks to be installed by plant personnel.

Chemical use evaluation: Lab supervisor has begun ortho phosphorus testing and is experimenting with caustic dosage.

RAS/WAS: 3. **RAS/WAS:** WAS pit work postponed until Bio Assay, Annual Eff and Semiannual Eff testing has been completed. Work could start up again as early as 11/12/18.

Madisonville force main phase II: Due to heavy rain forecast for 11/9/18, Jetting is rescheduled for 4am Sat. 11/10/18. Pigging will be rescheduled accordingly.

Monarch Circle:

Contractor working on punch list. Underground storage tank revised questionnaire has been sent to DEP. On 10/19/18 Roy from MM informed me that questionnaire was in order and approved. Tank ID number has been emailed to Tom Gallinger. Probe still needs to be adjusted.

Cyber Security: Responsible party paperwork has been sent to Optimum allowing Albert Campos from Lomello to make the necessary changes to our system. Albert Campos is awaiting quote from Optimum.

Rewrite of sludge disposal specs: Nancy from MM submitted amended proposal. We are awaiting specs.

East Oak St. force main Rehab: Suburban Consulting submitted proposal. BTSA reviewing.

Plant Generator Phase 2: Joe Ragland completed CAT control upgrade on 10/26/18. Emailed Tomasz from MM on 11/4/18 and requested he come out and evaluate the Generator breakers so that we could prepare to go out to bid for their maintenance and upgrade.

October 2018 Monthly Safety Report

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. All deficiencies for Under Ground Storage Tanks have been repaired. No more issues. All personal attended confined space training. Lost time no accidents 243 days (Plus October 31 days).

12. Resolution #1886 – Approval of Bill List Dated: November 20, 2018 - \$805,598.39

Motion by Malay, second Gaziano to approve Resolution #1885 Bill List Dated November 20, 2018 - **\$805,598.39**

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Motion Carried

13. Member/Staff Comments

- Malay asked about the Scada system. We were trying to go for an all wireless solution and it was discovered we would still have to have a landline. Consultant is working on getting off lines that are going down and putting up firewalls.
- Timko received a call from Verizon about getting on the cell tower at the plant.
- Gaziano asked about solar panels. Probably going to hire an electrical engineer with experience in solar to troubleshoot the problem.
- Carpenter asked about inspection of pipes. We have a list and will keep tv'ing pipes for any necessary repairs.
- Carpenter asked about E Oak Force Main exploration. Draft plans will be reviewed. Worst sections will be done first.
- Carpenter thanked Bob and his team for their work on the East Oak Street drywell flood.
- Happy Thanksgiving everyone.

14. ADJOURNMENT

Motion by Malay, second Baldassare, to adjourn at 7:10 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long