

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
MAY 15, 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, Pavlini (arrived 6:42pm)
Absent: Malay
Also Present: Director Timko, Attorney John Belardo, Superintendent Raymond, Mott MacDonald Consultant Wohlleb

Motion by Baldassare, second Gaziano to excuse Malay for illness.

All in favor; motion carried.

APPROVAL OF MINUTES

Motion by Baldassare, second Gaziano to approve the Regular Meeting Minutes of April 10, 2018.

All in favor; motion carried.

CORRESPONDENCE

- a. NJDEP CAP Approval – Harrison Brook STP was approved to exit the Capacity Assurance Program (CAP) due to flows being less than 95% of permitted flow for the past three years. The facility is not exempt in the future if it determined that the 95% threshold is triggered.
- b. 1st Quarter Wastewater Flow Estimates – table 2 to be amended.

PUBLIC COMMENT

None

ACTION/DISCUSSION ITEMS

a. Resolution #1839 – Allocation Agreement – Bonnie Brae

Motion by Gaziano, second Baldassare to approve Resolution #1839.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano

Nay:

Abstain:

Motion Carried

b. Resolution #1840 – Claimants Certification

Motion by Gaziano, second Baldassare to approve Resolution #1840.

All in favor; motion carried

c. Resolution #1841 – NJDOT Agreement – Route 287 Repaving

Motion Gaziano, second Pavlini to approve Resolution #1841.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Pavlini

Nay:
Abstain:
Motion Carried

d. Resolution - #1842 – Reject Re-bid of Madisonville Force Main Phase II Bids

Motion Gaziano, second Baldassare to approve Resolution #1842.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Pavlini

Nay:

Abstain:

Motion Carried

e. Discussion – I&I Reduction Program

The members reviewed Timko's memo regarding Infiltration and Inflow (I&I) throughout the Township and agree that an I&I plan should be developed in consultation with a professional engineering consultant which would include a series of contracts for various stages of the plan.

f. Discussion – East Oak Street Force Main

Members review Raymond's memo regarding the force main break on April 16, 2018 that runs along part of So Maple Avenue. Messercola Excavating was dispatched to the area for immediate removal of the initial 2 feet of broken pipe that ultimately extended to a 14 foot section of pipe being replaced.

10. Consulting Engineer's Report

**BTSA ENGINEER'S REPORT
May 2018 Meeting**

DEVELOPER PROJECTS:

No updates

AUTHORITY PROJECTS:

Monarch Circle (Crown Court) Pump Station

Final site paving, cleanup and formal startup remain to be completed by the Contractor. We believe this will be completed this month.

Harrison Brook STP-RAS/WAS Rehabilitation

Construction is underway and on schedule.

Harrison Brook STP-1M Belt Filter Press Building Demolition

Final site cleanup and electrical work remains to be completed.

11. TOWNSHIP OF BERNARDS SEWERAGE AUTHORITY

OPERATOR'S REPORT

May 2018 Meeting

April 2018 Report

FLOWS

Total Flow	66,175,000	Gallons
Average Flow	2,206,000	Gallons
Maximum Flow	6,350,000	Gallons
Minimum Flow	1,378,000	Gallons

OPERATION

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1153	Kg	
Effluent	44	Kg	280 Kg/Day
Net	1109	Kg	91.0 % Removed 85%
Suspended Solids in Effluent	4.65	Mg/l	30 Mg/l

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	747	Kg	
Effluent	32	Kg	75.7 Kg/Day
Net	715	Kg	93.0 % Removed 85%
CBOD in Effluent	3.45	Mg/l	8 Mg/l
<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>

Influent	20.0	Kg	
Effluent	2.0	Kg	
Phosphorus in Effluent	0.22	Mg/l	5.0 Mg/l

Remarks

Hypochlorite Used: 912.5 Gals. Sulfur Dioxide Used: 558 Lbs. Alum Used: 5,960 Gals.
Caustic Used: 462 Gals. Total Precipitation 4.79 Inches.

Comments

Routine work and samples completed.
Ran gens at pump stations and plant.
Checked drives, tanks, gens and vehicles.
Checked all syphons, checked Barons and checked Jamestown Road.
Changed carbon E Oak Street, Juniper Way, Fieldstone Drive and MVR.
Exercised valves at pump stations
Exercised sluice gates and valves at plant.
Took delivery of new Jet Truck.
Oil changed in all vehicles.
Serviced lawn equipment.
Replaced cooling fans in control cabinets (**repair done in house by BTSA staff, saving Authority approx. \$800.00**).

Flushed Fieldstone force main.

The annual fire inspection of plant passed.

Driveway at E. Oak Street pump station repaved.

Installed scum pump #1 scum pit (**repair done in house by BTSA staff, saving Authority approx. \$1200.00**).

E. Oak Street force Main break (**see attached report**).

Repaired snow plow lawn damage at plant.

Replaced riser ring on Dryden Road.

TV inspection:

Deer Creek Road, Quail Court, Stone View Court, Morrison Street, Washington Avenue, Schindler Drive, Conkling Street, Ridge Street, Squire Court, Chaucer Court, Crest Drive, Sun Road, Colonial Drive, Crown Court, and Summit Drive easement.

Jetted:

Deer Creek Road, Crest Drive, Crown Court.

Manhole inspections:

Deer Creek Road, Washington Avenue, Parkview Avenue, Franklin Drive, Colonial Drive, Sun Road, Crest Drive, Chaucer Court, and Squire Court.

Customer Service:

No customer complaints this month.

SAFETY

See attached report submitted by Chris Lalicato Safety Coordinator.

PROJECTS

Old Press Building Demolition: Work Continues.

Caustic Chemical System Upgrade: Work continues.

RAS/WAS: Working with contractors.

Madisonville force main phase II: Out to bid.

Grit Unit Upgrade: Contractor working on punch list.

Monarch Circle: Project nearing completion

Plant Flow Meters: Ongoing calibration of Eff. Meter.

Plant Paving: Will work on punch list in spring.

Cyber Security: Awaiting cellular test.

April 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.
- Lost time no accidents 89 days On April 11th
- The township Fire Prevention department conducted the annual inspection for the BTSA facility.

- On April 12th representatives from Foley Inc. inspected the controls for the Cat generator to provide quotation for the upgrade and replacement.
- On 4/19 Chris Lalicato attended the monthly JIF meeting at Rockaway Valley Sewerage Authority regarding review of regulatory compliance in the workplace.
- On 4/23 Brett Gerard of Pierce Eagle Co. delivered and provided initial training of the new BTSA sewer jet truck. On 4/27 Chris Lalicato attended Confined Space Training at Middlesex County Fire Academy as per George Lewis of NJUA JIF as an advisor to the class.
- On 4/30 Silvia's Mechanical began installing new Boiler #1.

12. Resolution 1843 - Approval of Bill List Dated: May 15, 2018 - \$874,065.07

Motion by Pavlini, second Gaziano to approve Resolution #1843-Bill List Dated May 15, 2018 – \$874,065.07.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Pavlini

Nay:

Abstain:

Motion Carried

13. Member/Staff Comments

- Stonehouse Road – DeMaio Constructing – non-binding mediation meeting to be scheduled.
- Oxidation Ditches-Beaver Electric – attorney's to meet to discuss Monarch Circle
- Raymond requested the purchase of Hands-Free Headsets with noise cancelling microphone to be used while working with TV Jet Truck – there are 7 miles of linear footage pipes in Township
- Raymond attended the Water Environment Association (WEA) meeting

14. ADJOURNMENT

Motion by Pavlini, second Baldassare, to adjourn at 7:12 pm.

All in flavor; motion carried.

Respectfully submitted,

Lorraine J DeGrande