

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
JUNE 12, 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, Malay
Absent: Pavlini
Also Present: Director Timko, Attorney John Belardo, Superintendent Raymond, Engineer Giraldo, Mott MacDonald Consultant Kocsik

APPROVAL OF MINUTES

Motion by Baldassare, second Gaziano to approve the Regular Meeting Minutes of May 15, 2018.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano
Nay:
Abstain: Malay
Motion Carried

CORRESPONDENCE

None

PUBLIC COMMENT

None

ACTION/DISCUSSION ITEMS

a. Resolution #1844 – Salary Ordinance

Motion by Malay, second Baldassare to approve Resolution #1844.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay
Nay:
Abstain:
Motion Carried

b. Resolution #1845 – Pay for Performance Coordination

Motion by Gaziano, second Malay to approve Resolution #1845.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay
Nay:
Abstain:
Motion Carried

**c. Resolution #1846 – Award Madisonville Force Main Phase II
Dulaine Contracting \$350,000**

Motion Malay, second Baldassare to approve Resolution #1846.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Abstain:

Motion Carried

d. Resolution - #1847 – Award I & I Plan Suburban Consulting \$13,000

Motion Gaziano, second Malay to approve Resolution #1847.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Abstain:

Motion Carried

e. Resolution - #1848 – BTSA Surplus

Motion Baldassare, second Gaziano to approve Resolution #1848.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Abstain:

Motion Carried

f. Discussion – None

10. Consulting Engineer’s Report

**BTSA ENGINEER’S REPORT
June 12, 2018 Meeting**

DEVELOPER PROJECTS:

No Updates

AUTHORITY PROJECTS:

Monarch Circle / Crown Court Pump Station

Base course paving is scheduled for June 8th. A punchlist for completion has been prepared by Mott MacDonald and is being forwarded to the Authority for review and input. Site cleanup and formal startup remain to be completed by the Contractor. The Contractor is also being encouraged to comply with the requirements for UST storage tank sampling and paperwork when the tank was removed in April.

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. There is lead time on the electrical cabinet which is anticipated to be delivered before the end of June.

June 7, 2018

11. TOWNSHIP OF BERNARDS SEWERAGE AUTHORITY

OPERATOR'S REPORT

June 2018 Meeting

May 2018 Report

FLOWS

Total Flow	54,810,000	Gallons
Average Flow	1,768,000	Gallons
Maximum Flow	2,406,000	Gallons
Minimum Flow	1,417,000	Gallons

OPERATION

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1246	Kg	
Effluent	25	Kg	280 Kg/Day
Net	1221	Kg	97.0 % Removed 85%
Suspended Solids in Effluent	3.64	Mg/l	30 Mg/l

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	504	Kg	
Effluent	14	Kg	75.7 Kg/Day
Net	490	Kg	96.0 % Removed 85%
CBOD in Effluent	2.12	Mg/l	8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	23.0	Kg	
Effluent	1.50	Kg	
Phosphorus in Effluent	0.22	Mg/l	5.0 Mg/l

Remarks

Hypochlorite Used: 850 Gals. Sulfur Dioxide Used: 714 Lbs. Alum Used: 5,980 Gals.
Caustic Used: 774 Gals. Total Precipitation 4.83 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 Rd.
Changed carbon E. Oak, Juniper way, Fieldstone and MVR
Exercised valves at pump stations.
Exercised sluice gates and valves at plant.
Took delivery of new 2018 Ford Escape to replace 2002 Impala.
Replaced #1 Boiler.

Pulled and replaced gravity belt motor on belt press (**repair done in house by BTSA staff, saving Authority approx. \$800.00**).

Cleaned station wet wells.

Exercised station gens,

Observed lateral capping at #41 Dogwood.

Pumping Services installed comminutor at Valley Rd.

Plant oil changes.

Foley serviced all gens.

Replaced lower pressure belt on Press.

Replaced Hypo feed tubing.

TV inspection:

Lateral at #80 Lurline Dr.(contractor hit lateral while digging for storm sewer. We TV inspected his repair and all was ok),

Jetted:

River Walk siphon, flushed force main at fieldstone pump station, Autumn Dr, Dawn Dr, Galloping Hill Rd, Post Terrace, Canter Dr, Linden Dr,

Manhole inspections:

None

Customer Service:

Blockage complaint #195 and #201 Spencer Rd, Jetted main, no blockage (customer's issue),

Closed valve to pressure sewer at #20 Rocky Ln (house lateral broken before our valve. Closed valve so home owner could make repair), #25 Lyons Rd home owner

SAFETY

See attached report submitted by Chris Lalicato Safety Coordinator.

PROJECTS

Old Press Bldg. Demo.: Building and press removed. Waiting for electrical relocation.

Caustic Chemical System Upgrade: Concrete work complete, framing started.

RAS/WAS: Contractor waiting for all items to be delivered. Working on valve/pipe nut and bolt replacements.

Madisonville force main phase II: Working with contractors.

Grit Unit Upgrade: Contractor working on punch list.

Monarch Circle: Project nearing completion.

Plant Flow Meters: Project completed.

Plant Paving: Will work on punch list in spring.

Cyber Security: Awaiting cellular test.

May 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 120 days.
- On 5/1 Chris L. passed the A/B operator NJDEP underground storage tank certification exam, the BTSA is now in compliance with the new state regulations effective 10/31/18.
- On 5/3 new NJUA JIF representative Matthew Genna conducted the annual safety inspection of the BTSA.
- On 5/4 Silvia's Mechanical finished the installation of Boiler #1 with only the efficiency testing yet to be scheduled.
- On 5/15 the BTSA purchased two new life jackets to be used during and tank cleaning or when using the boat in the lagoons for aerator maintenance and algae removal as per JIF's recommendations.
- On 5/16 the BTSA crew dismantled and properly disposed of two out of use above ground waste oil tanks as per EJIF's instructions.
- On 5/17 Chris L. attended NJUA JIF meeting at Bayshore Regional Sewerage Authority for plant tour.

12. Resolution 1849 - Approval of Bill List Dated: June 12, 2018 - \$949,281.59

Motion by Malay, second Gaziano to approve Resolution #1849-Bill List Dated June 12, 2018 – \$949,281.59.

ROLL CALL

Aye: Baldassare, Carpenter, Gaziano, Malay

Nay:

Abstain:

Motion Carried

13. Member/Staff Comments

None

14. ADJOURNMENT

Motion by Malay, second Gaziano, to adjourn at 6:38 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long