

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
JUNE 15, 2021**

*New member Andrew McNally was sworn in prior to the start of the meeting.

1. 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.

2. ROLL CALL

Present: Bannan (arrived 6:33), Crane (by phone), Fields, McNally, Orr

Absent:

Also Present: Director Timko, Attorney Belardo, Superintendent Raymond

3. RESOLUTION #2134-Closed Session-Personnel

Motion by McNally, second Fields to go into closed session at 6:32 pm.

All in favor; motion carried.

Motion by Fields second McNally, to return to open session at 6:36 pm.

All in favor; motion carried.

4. APPROVAL OF MINUTES

Motion by Bannan, second Fields to approve the Regular Meeting Minutes of May 11, 2021.

McNally abstained

All in favor; motion carried.

Motion by Bannan, second Fields to approve the Closed Meeting Minutes of May 11, 2021

McNally abstained

All in favor; motion carried.

5. CORRESPONDENCE

None

6. PUBLIC COMMENT

None

7. ACTION/DISCUSSION ITEMS

a. Resolution #2135 Mark Salgado Operator II

Motion by McNally, second Bannan to approve Resolution #2135.

ROLL CALL

Aye: Bannan, Crane, Fields, McNally, Orr

Nay:

Motion Carried

b. Resolution #2136 Suburban Consulting Crown Ct, Rebel Hill, E Oak, Stonehouse I & I Construction Contract Phase I \$168,440.00

Motion by Fields, second Bannan to approve Resolution #2136.

ROLL CALL

Aye: Bannan, Crane, Fields, McNally, Orr

Nay:

Motion Carried

8. CONSULTING ENGINEERS REPORT

DEVELOPER PROJECTS:

Bernards Plaza/Dewey Meadow Village Redevelopment

The developer's contractor anticipates resuming work in a couple of weeks as there have been delays acquiring building materials due to global economic factors for construction materials. The new force main installation is completed. Work at the Monarch Circle Pump Station to tie in the new pipe to the existing station remains to be completed.

LCB Senior Living Mount Airy Road

No change since prior report

Mountainview

No change since prior report

Fenwick Place Subdivision (Liberty Meadow)

No change since prior report

AUTHORITY PROJECTS:

Harrison Brook STP - Main Switchgear Repairs

The project work is now completed. The O&M manual was submitted by the Contractor and reviewed by MM's electrical engineer. Upon receipt of a maintenance bond and release of liens, we can process a final payment application and retainage release.

NJPDES Permit Renewal Harrison Brook STP

No Updates.

9. OPERATORS REPORT

May 2021 Report

Flows

Total Flow	41,842,000	Gallons
Average Flow	1,350,000	Gallons
Maximum Flow	2,264,000	Gallons
Minimum Flow	1,090,000	Gallons

Operation

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1503	Kg	
Effluent	17	Kg	280 Kg/Day
Net	1486	Kg	85%
Suspended Solids in Effluent	4.0	Mg/l	30 Mg/l

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	458 Kg		
Effluent	8.0 Kg		75.7 Kg/Day
Net	450 Kg	98.0 % Removed	85%
CBOD in Effluent	2.0 Mg/l		8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	19 Kg		
Effluent	1.0 Kg		
Phosphorus in Effluent	0.17 Mg/l		0.76 Mg/l

Remarks

Hypochlorite Used: 625 Gals. Sulfur Dioxide Used: 720 Lbs. Alum Used: 5680 Gals.
Caustic Used: 763 Gals. Total Precipitation 4.28 Inches. Effluent reuse 7.657mg

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, rebuilt hypo pump #2 (**performed in house by BTSA staff saving the Authority approx. \$1,000**), cleaned E. Oak St wet well, landscaping around plant and stations, replace right side steering piston on belt filter press (**performed in house by BTSA staff saving the Authority approx. \$1,000**), jetted drain line from inlet to trunk line.

TV inspection:

Overlook Ave, Willow St, Windsor Way, Granville Way, Palmerston Pl, TV 'ed Fieldstone force main from bypass pit to first test pit (no I&I), TV 'ed upstream and downstream no (I&I) we suspect force main is syphoning ground water into itself when pumps shut off, Wexford Cir.

Jetted:

Palmerston Pl, Granville Way, Wexford Way.

Manhole inspections:

None

Customer Service:

TVed 40 Melbourne Way (20-foot sag in homeowners' line).

Safety

See attached report submitted by Matt Hutchinson Safety Coordinator.

Projects

Security communication upgrade: Albert said the Stonehouse signal has dropped out over 300 times. We only received one alarm so the others must have been small. He suspects the antenna has moved. When Albert returns from vacation next week, we will adjust the antenna while he directs from his laptop. We will also address the issue of switching from cellular to T1.

East Oak St. force main Rehab Phase 2: Contractor is still working with their pipe supplier to hunt down a few fittings due to the shortages. Mike McAloon anticipates an updated schedule from the Contractor soon. He thinks they are shooting for June 21 for the cleaning & CCTV of the existing mains.

O2D High Flow Bypass: Meeting held with Suburban Consulting to go over ideas.

Fieldstone force main: BTSA staff was able to jet and remove a great deal of scale from 100 feet of force main from the discharge end of the main. They were unable to continue around bends further up.

Smoke Testing/CCTV/Cleaning: Tracking reports have been submitted.
Raw Sewerage wet well piping: Improvement scope submitted by MM on 3/31/21.

Crown Ct Force Main: Force main is installed but not connected. Contractor is having difficulty obtaining materials due to shortages. He anticipates having all materials in 3 to 4 weeks.

May 2021 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.

New emergency shower was ordered for the chlorine room.

Various safety trainings completed by crew as needed.

Exercised plant gens, gates, and valves.

Lost time no accidents 273 days (Plus May 31 days).

10. RESOLUTION #2137 – Approval of Bill List Dated: June 15, 2021 - \$248,125.80

Motion by McNally, second Bannan to approve Resolution #2137 Bill List Dated June 15, 2021 - \$248,125.80

ROLL CALL

Aye: Bannan, Crane, Fields, McNally, Orr

Nay:

Motion Carried

11. MEMBER/STAFF COMMENTS

Timko directed to give an update on the I & I project.

Members welcomed McNally and look forward to serving with him.

Everyone is glad to see no masks at the meeting.

Crane had questions about the smoke testing and pollutants in the home and pressure. Timko stated the smoke testing causes no pollutants in the home and the pressure used is very low.

Orr asked about the results of the testing. Timko stated one business had let the trap in an unused portion of the basement dry out so they had some smoke in that area of the basement. There were no other issues.

12. ADJOURNMENT

Motion by Fields, second Bannan, to adjourn at 7:05 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long