

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
APRIL 12, 2022**

1. CALL TO ORDER

The chairperson called the meeting to order at 6:32 PM. Those assembled saluted the flag and the chairperson read the open public meeting statement in accordance with the law.

2. ROLL CALL

Present: Asay, Crane, Fields, McNally

Absent: Orr

Also Present: Director Timko, Attorney Belardo, Superintendent Raymond Flett Exchange Michael Flett, Buchart Horn Mike Pullano and Michael Kuznetz

3. APPROVAL OF MINUTES

Motion by Fields, second McNally to approve the Regular Meeting Minutes of March 15, 2022.

All in favor; motion carried.

4. CORRESPONDENCE

None

5. PUBLIC COMMENT

None

6. ACTION/DISCUSSION ITEMS

a. Discussion solar srecs-Michael Flett-Flett Exchange

The solar field at the plant generates power every year which we can sell as a renewable energy certificate and bring revenues to the Authority. Our current contract expires at the end of May 2022 so we need to pursue a new contract.

Michael Flett gave an overview of the state of the SREC market. As of summer 2020, new solar earns TREC's, BTSA still earns SREC's. Current prices are \$233.00. Current SREC's are for 15 years and ours end in 2026 as we started in 2011. There was discussion on the state setting caps. The recommendation is to enter into a 3-year contract at the current price. Our next step is to do an RFP to the energy companies. Flett directed to do RFP for 2- and 3-year contracts.

b. Discussion Peracetic Acid Pilot Study-Buchart Horn

Mike Pullano explained the sewerage plant is currently using chlorine as a disinfection treatment. DEP has lowered the limit for chlorine produced oxidants (CPO) making it difficult to continue using chlorine. Peracetic acid (PAA) does not produce CPO. The two other options, UV disinfectant and ozone disinfectant, were explained. The study will last about 8 weeks. The plant's new DEP permit started on April 1, 2022, so we would have 3 years to meet the new DEP standard. PAA has been around for over 20 years and is a safer alternative than the other options. Michael Kuznetz explained the process of the pilot study. Members directed Buchart Horn to start working on the pilot study.

c. Resolution #2231 BTSA Surplus Equipment USGovBid

Motion by Asay, second McNally to approve Resolution #2231.

ROLL CALL

Aye: Asay, Crane, Fields, McNally

Nay:

Motion Carried

d. Resolution #2232 Reject Bid E Oak Force Main Phase III

Motion by Asay, second McNally to approve Resolution #2232.

ROLL CALL

Aye: Asay, Crane, Fields, McNally

Nay:

Motion Carried

e. Resolution #2233 Reject Bid Fieldstone Force Main

Motion by McNally, second Fields to approve Resolution #2233.

ROLL CALL

Aye: Asay, Crane, Fields, McNally

Nay:

Motion Carried

f. Resolution #2234 Barrista Craft Coffee 96 S Finley grease trap waiver

Motion by Fields, second McNally to approve Resolution #2234.

ROLL CALL

Aye: Asay, Crane, Fields, McNally

Nay:

Motion Carried

g. Resolution #2235 May Basking Ridge LLC, 180-181 Mountainview Blvd.

Motion by Asay, second McNally to approve Resolution #2235.

ROLL CALL

Aye: Asay, Crane, Fields, McNally

Nay:

Motion Carried

7. OPERATORS REPORT

March 2022 Report

FLOWS

Total Flow	47,431,000	Gallons
Average Flow	1,530,000	Gallons
Maximum Flow	1,798,000	Gallons
Minimum Flow	1,315,000	Gallons

OPERATION

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1424 Kg		
Effluent	16 Kg		280 Kg/Day
Net	1408 Kg	97.0 % Removed	85%
Suspended Solids in Effluent	3.0 Mg/l		30 Mg/l.

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	444 Kg		
Effluent	13 Kg		75.7 Kg/Day
Net	431 Kg	96.0 % Removed	85%
CBOD in Effluent	2.0 Mg/l		8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	17.0 Kg		
Effluent	1.00 Kg		
Phosphorus in Effluent	0.16 Mg/l		0.76 Mg/l

Remarks

Hypochlorite Used: 637 Gals. Sulfur Dioxide Used: 773 Lbs. Alum Used: 5950 Gals.
Caustic Used: 605 Gals. Total Precipitation 2.92 Inches. Effluent reuse 6.812 mg

Comments

Routine work and samples completed. Ran gens at pump stations and plant, BRI run, checked drives, tanks, gens, and vehicles. Flushed Fieldstone force main, 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, cleaned probes at stations, Synagro took over as the new sludge hauler, grease trap inspections, **Passed NJDEP annual inspection**, shoveled drying beds, installed new VFD cooling fans at Crown Ct (**performed in house saving the Authority approx. \$1200**), installed new CL2 analyzer pump (**performed in house saving the Authority approx. \$1200**), greased and changed oil in bobcat and lawn equipment, replaced leaking CL2 fittings, back flow inspections.

TV inspection:

Town Hall drainage system

Jetted:

Barons

Manhole inspections:

Located 2 manholes off of Manchester Dr.

Customer Service:

TV drain system at townhall for engineering, inspected lateral connection for 29 Spruce St,

SAFETY

See attached report submitted by Bob Raymond Plant Superintendent.

PROJECTS

Security Communication Upgrade: LookFirst inspected each station on 3/17/22. Lomelo on site 3/18/21 to gather information for maintenance proposal. Emailed Paul L. for an update on 3/31/22.

East Oak St. Force Main Rehab Phase 3: Bid opening 3/29/22.

Fieldstone Force Main: Bid opening 3/29/22.

Smoke Testing/CCTV/Cleaning/I&I Repairs: Now scheduled to begin 4/6/22. BR and JR met with Insituform and Suburban at Pond Hill Rd to go over bypass pumping for lining project.

Harrison Brook & Annin Rd CCTV: National Water Main now scheduled to begin 4/4/22.

O2D High Flow Bypass: I spoke to Mike McAloon on 3/24/2022, he said he needs to follow up with the DEP regarding TWA and site meeting.

Tie Breaker MCC4 – MCC5: Buchart Horn proposal for design approved.

Wet Well Header: Buchart Horn proposal for design approved.

Solar Software: I have created a password and login for the plant. Emailed Vanguard again on 3/31/22 for an update.

Peracetic Acid Pilot study: Buchart Horn submitted design proposal for review. Doug Speeney provided a contact name for Parsippany facility; I forwarded the information to Mike Pullano.

March 2022 Monthly Safety Report

CDL Supervisor training.

CPR training (new employees)

Hazmat training (new employees)

Monthly safety inspections were completed.

Conducted weekly and monthly stormwater inspections.

Completed weekly emergency shower/ eye wash inspections.

Completed monthly checks on fire extinguishers, lights, emergency lighting, and exit signs.

Brian out from 2/21 to recover from a medical emergency.

Matt Hutchinson out due to illness.

Exercised plant gens, gates, and valves.

No lost time accidents 50 days.

8. RESOLUTION #2236 – Approval of Bill List Dated: April 12, 2022 - \$192,444.69

Motion by McNally, second Asay to approve Resolution #2236 Bill List Dated April 12, 2022 - \$192,444.69

ROLL CALL

Aye: Asay, Crane, Fields, McNally

Nay:

Motion Carried

9. MEMBER/STAFF COMMENTS

None

10. RESOLUTION #2237-Closed Session-Personnel

Motion by Asay, second Fields to go into closed session at 7:14 pm.

All in favor; motion carried.

Motion by Asay second McNally, to return to open session at 7:27 pm.

All in favor; motion carried

11. ADJOURNMENT

Motion by Asay, second McNally, to adjourn at 7:27 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long