

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
FEBRUARY 15, 2022**

1. CALL TO ORDER

The chairperson called the meeting to order at 6:37 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 (by phone), McNally, Orr

Absent: Fields

Also Present: Director Timko, Attorney Belardo, Superintendent Raymond, Buchart Horn Pullano, HR Kesselmeyer

3. RESOLUTION #2210-Closed Session-Personnel

Motion by Asay, second McNally to go into closed session at 6:38 pm.

All in favor; motion carried.

Motion by McNally second Asay, to return to open session at 7:08 pm.

All in favor; motion carried

4. APPROVAL OF MINUTES

Motion by McNally, second Crane to approve the Regular Meeting Minutes of January 15, 2022.

Abstain: Asay

All in favor; motion carried.

5. CORRESPONDENCE

None

6. PUBLIC COMMENT

None

7. ACTION/DISCUSSION ITEMS

a. Resolution #2211 May Basking Ridge LLC user fee refund \$34,395

Motion by McNally, second Asay to approve Resolution #2211.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

b. Resolution #2212 Acceptance of Crown Court Pump Station new force main

Motion by McNally, second Asay to approve Resolution #2212.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

c. Resolution #2213 Personnel Appointment David Raphel

Motion by McNally, second Asay to approve Resolution #2213.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

d. Resolution #2214 Personnel Appointment Jeremy Cottrell

Motion by McNally, second Asay to approve Resolution #2214.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

e. Resolution #2215 P2P Foley, Vanguard, Miracle Chemical, Lookfirst

Motion by Asay, second McNally to approve Resolution #2215.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

f. Resolution #2216 Reject Fieldstone PS Force Main bids

Motion by McNally, second Asay to approve Resolution #2216.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

g. Resolution #2217 Reject East Oak PS Force Main III bids

Motion by Asay, second McNally to approve Resolution #2217.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

h. Resolution #2218 Award TV Truck Pierce Eagle Equipment \$349,912

Motion by Asay, second McNally to approve Resolution #2218.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

i. Resolution #2219 Sludge Disposal award Environmental Protection and Improvements Co., LLC \$322,825 and Denali Water Systems \$30,000

Motion by Asay, second McNally to approve Resolution #2219.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

j. Resolution #2220 Budget Transfer kirk key system (panel redundancy)

Motion by Asay, second McNally to approve Resolution #2220.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

k. Resolution #2221 Buchart Horn kirk key system (panel redundancy) \$22,051

Motion by McNally, second Asay to approve Resolution #2221.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

l. Resolution #2222 Buchart Horn Plant Pipe Header Design

Motion by McNally, second Asay to approve Resolution #2222.

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

8. OPERATORS REPORT

January 2022 Report

FLOWS

Total Flow	53,659,000	Gallons
Average Flow	1,731,000	Gallons
Maximum Flow	4,537,000	Gallons
Minimum Flow	1,211,000	Gallons

OPERATION

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1798	Kg	
Effluent	32	Kg	280 Kg/Day
Net	1766	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	690	Kg	
Effluent	12	Kg	75.7 Kg/Day
Net	678	Kg	85%
CBOD in Effluent	2.0	Mg/l	8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	23.0	Kg	
Effluent	1.30	Kg	
Phosphorus in Effluent	0.17	Mg/l	0.76 Mg/l

Remarks

Hypochlorite Used: 643 Gals. Sulfur Dioxide Used: 844 Lbs. Alum Used: 5970 Gals.
Caustic Used: 0 Gals. Total Precipitation 3.52 Inches. Effluent reuse 6.377 mg

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. 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, repositioned transducer at Fieldstone, Cummins serviced Crown Ct generator, Cummins replaced battery charger on Crown Ct generator, Jim Hampson installed new control for new eff. Flow meter, repaired wiring for back yard street lights (**in house repair saving the Authority approx. \$1200**), new employee started on 1/18/22, Pick up and install E. Oak St comminutor motor (**in house repair saving the Authority approx. \$1200**), installed new block heater on plant generator #1 (**in house repair saving the Authority approx. \$1200**), installed new propane furnace in VacCon bldg. (**in house repair saving the Authority approx. \$1200-\$1500**), Peirce Eagle relocated auxiliary gas tank on the Jet Truck due to vapor locking issue.

TV inspection:

None

Jetted:

None

Manhole inspections:

None

Customer Service:

Investigate possible blockage #57 Lurline Dr (our main flowing fine), TV lateral at #152 Berkeley Circle and located debris at 50-60 ft and 73-74 ft post plumbers cleaning, TV #71 Atlas Rd root mass found within our right of way (will get pricing), TV 122 Juniper Way (we snaked the line and cleared the blockage for the resident),

PROJECTS

East Oak St. Force Main Rehab Phase 3: All bids rejected. Will re-bid.

Fieldstone Force Main: All bids rejected. Will re-bid.

Smoke Testing/CCTV/Cleaning/I&I Repairs: Insituform began work on Monday 1/31/22.

Harrison Brook & Annin Rd CCTV:

National Water Main lowest bidder.

O2D High Flow Bypass: Meeting held at plant with Mike on 1/26/22 to go over proposals.

Tie Breaker MCC4 – MCC5: Buchart Horn's electrical engineer was on site 1/24/22 to review Holtaway and NorSal proposals and inspect the facility.

Wet Well Header: Buchart Horn on site 1/24/22 to inspect the wet well header.

Solar Software: Vanguard began new software migration on 1/7/22. They are waiting for AlsoEnergy to complete the migration. This could take about 3 months to get all the data migrated and verified. Once they are done, they will complete an audit of the monitoring and if everything is complete and accurate, then all should be good.

January 2022 Monthly Safety Report

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.

Replaced light bulbs where needed.

Exercised plant gens, gates, and valves.

Safety consultant Mike Thomson inspected 1/5

Annual fire extinguisher service conducted 1/10

Annual fire alarm service conducted 1/10

New hire Josh Vogt first day 1/18/22, PPE issued

Submitted annual NJUA SIP.

Joe Rosenberry suffered slip/fall 1/21/22, documented, refused medical care.

Lost time no accidents 195 days (Plus January 31 days).

9. RESOLUTION #2223 – Approval of Bill List Dated: February 15, 2022 - \$264,090.35

Motion by Asay, second McNally to approve Resolution #2223 Bill List Dated February 15, 2022

- \$264,090.35

ROLL CALL

Aye: Asay, Crane, McNally, Orr

Nay:

Motion Carried

10. MEMBER/STAFF COMMENTS

Belardo commented on getting zoom technology for meetings.

Timko stated Buchart Horn will be doing a proposal to implement using peracetic acid at the treatment plant rather than chlorine and this will be discussed further at a future meeting.

11. ADJOURNMENT

Motion by Asay, second McNally, to adjourn at 7:33 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long