

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
MARCH 12, 2019**

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, Esposito, Harris, Orr, Pavlini

Absent:

Also Present: Director Timko, Attorney John Belardo, Superintendent Raymond, Mott MacDonald Wohlleb, Suburban McAloon & Chanda

APPROVAL OF MINUTES

Motion by Baldassare, second Harris to approve the Regular Meeting Minutes of February 12, 2019.

ROLL CALL

Aye: Baldassare, Esposito, Harris, Orr

Nay:

Abstain: Pavlini

Motion Carried

Motion by Baldassare, second Harris to approve the Reorganization Meeting Minutes of February 12, 2019.

ROLL CALL

Aye: Baldassare, Esposito, Harris, Orr

Nay:

Abstain: Pavlini

Motion Carried

CORRESPONDENCE

Flow Report 4th Quarter 2018-Record rains since last April so flows are high.

PUBLIC COMMENT

None

ACTION/DISCUSSION ITEMS

a. Discussion I&I Plan-Michael McAloon Suburban Consulting

Michael McAloon and David Chanda from Suburban Consulting gave a presentation of their evaluation of the sewer system inflow/infiltration and condition assessment. Their recommendation is concentrating additional investigation by CCTV on the Stonehouse and East Oak sub areas.

Timko directed to get a bid proposal together.

b. Resolution #1925–Budget Transfer 2018 Collection System Rehab Contract A \$65,000

Motion by Baldassare, second Esposito to approve Resolution #1925.

ROLL CALL

Aye: Baldassare, Esposito, Harris, Orr, Pavlini

Nay:

Motion Carried

c. Resolution #1926 Garcia Bid Award 2018 Collection System Rehab Contract A \$338,650.50

Motion by Baldassare, second Esposito to approve Resolution #1926.

ROLL CALL

Aye: Baldassare, Esposito, Harris, Orr, Pavlini

Nay:

Motion Carried

d. Resolution #1927 John Belardo BTSA Litigation CO #2 \$1,711.59

Motion by Baldassare, second Pavlini to approve Resolution #1927.

ROLL CALL

Aye: Baldassare, Esposito, Harris, Orr, Pavlini

Nay:

Motion Carried

e. Resolution #1928 Chem Trade Chemicals Award Aluminum Sulfate

Motion by Baldassare, second Harris to approve Resolution #1928.

ROLL CALL

Aye: Baldassare, Esposito, Harris, Orr, Pavlini

Nay:

Motion Carried

f. Resolution #1929 NJ Wastewater Co-op

Motion by Harris, second Esposito to approve Resolution #1929.

ROLL CALL

Aye: Baldassare, Esposito, Harris, Orr, Pavlini

Nay:

Motion Carried

g. Discussion-Annual Message

Members approved the annual message to be posted to the township website.

CONSULTING ENGINEERS REPORT

DEVELOPER PROJECTS:

AUTHORITY PROJECTS:

Monarch Circle / Crown Court Pump Station

We defer update on the project closeout to the Authority Director.

Harrison Brook STP-RAS/WAS Rehabilitation

No updates. The project is close to substantial completion.

Harrison Brook STP Sludge Hauling

Revised specifications were provided to BTSA for final review.

OPERATORS REPORT

February 2019 Report

FLOWS

| | | |
|--------------|------------|---------|
| Total Flow | 62,157,000 | Gallons |
| Average Flow | 2,222,000 | Gallons |
| Maximum Flow | 3,843,000 | Gallons |
| Minimum Flow | 1,423,000 | Gallons |

OPERATION

| <u>Suspended Solids</u> | <u>Dry Weight</u> | | <u>NJDEP Limit</u> |
|------------------------------|-------------------|------|--------------------|
| Influent | 1118 | Kg | |
| Effluent | 40 | Kg | 280 Kg/Day |
| Net | 1078 | Kg | 85% |
| Suspended Solids in Effluent | 5.30 | Mg/l | 30 Mg/l |

| <u>CBOD</u> | <u>Dry Weight</u> | | <u>NJDEP Limit</u> |
|------------------|-------------------|------|--------------------|
| Influent | 672 | Kg | |
| Effluent | 27 | Kg | 75.7 Kg/Day |
| Net | 645 | Kg | 85% |
| CBOD in Effluent | 3.70 | Mg/l | 8 Mg/l |

| <u>Phosphorus</u> | <u>Dry Weight</u> | | <u>NJDEP Limit</u> |
|------------------------|-------------------|------|--------------------|
| Influent | 24 | Kg | |
| Effluent | 0.98 | Kg | |
| Phosphorus in Effluent | 0.13 | Mg/l | 0.76 Mg/l |

Remarks

Hypochlorite Used: 750 Gals. Sulfur Dioxide Used: 567 Lbs. Alum Used: 5460 Gals.
Caustic Used: 581 Gals. Total Precipitation 3.62 Inches.

Comments

Routine work and samples completed. Ran gens at pump stations and plant. Checked drives, tanks, gens and vehicles. Checked all syphons, checked & jetted 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, SA Electric reran electric to storm water building, switched grit units, flushed force main at fieldstone, BRI run, Foley performed maintained all gens., switched out #4 RSP at plant (**work completed by plant personnel saving BTSA approx.. \$2,500**), Grease trap inspections, installed new motor on polymer pump at press (**work completed by plant personnel saving BTSA approx. \$1,500**), polymer pump stater worn out (**retrofitted spare on site chem. Feed pump to allow for continued pressing, this saved us from having to pull sludge beds**), pulled and cleaned out #2 pump at Crown Ct pump station, new electronic gate installed at plant, installed new polymer pump

on press, unclogged check valve at Crown Ct. pump station, cut back bamboo at E. Oak pump station

TV inspection:

Juniper Way, Manchester Dr., Tanglewood Ln,

Jetted:

NONE

Manhole inspections:

Juniper, Manchester, Deer Creek, Quail Ct, Stone view Ct,

Customer Service:

Located clean out for #29 Concord Ln,

SAFETY

See attached report submitted by Brian Thornton Safety Coordinator.

PROJECTS

Crown Ct.: MM is working with BTSA for project close out.

Press Building Demo. MM is working with BTSA for project close out.

RAS/WAS: Contractor installed FST #2 telescopic valve on 2/20/19. Pumping Services installed touch screens on WAS VFD cabinet doors and HOA (Hand, Off, Auto) switches on sump pump control panel. Coppola Still needs to core drill and install actuators for all other valves on #2 side. Waiting to schedule work for #1 side.

Plant Generator Phase 2: Holtaway Elect. removed their equipment and will submit a formal report on their findings. Holtaway also submitted their proposal for the generator breaker rehab and maintenance.

Madisonville force main phase II: After review of the CCTV footage, it was determined that additional pigging is necessary to achieve 95% internal design diameter. Conference call was held between Suburban Consulting, BTSA and contractor to discuss how to proceed.

Security communication upgrade: Paul Lomelo's email dated 2/17/19 stated they won't be able to return until the week of 3/4/19. At that time, they plan to address the solar connection and install the cellular telepathy.

East Oak St. force main Rehab. On 1/29/19 Suburban requested as-builts for E Oak wet well, Johnny submitted the plans that day. Suburban said they would incorporate them into the East Oak lining project plans.

Collection System Rehabilitation: En-Tech has lined Dryden Road (KC-13-05 to KC-13-04), Debra Lane (LM-13-04 to LM-13-05) and Walnut Circle (EOS-34-17 to EOS-34-16). En-Tech anticipates continuing lining procedures as follows: **Monday 2/25/19:** Battle hill Road: RHPS-05-02 to RHPS-05-01, **Lexington Road:** RHPS-05-05 to RHPS-05-04, **Tuesday 2/26/19:** Marilyn Street: LM-16-01 to LM-00-13, **Debra Lane:** LM-13-08 to LM-13-07, **Wednesday**

2/27/19: Concord Lane: RHPS-00-10 to RHPS-00-09 to RHPS-00-08, **Thursday 2/28/19:**
Harrison Brook: HB-11-01 to HB-11-02, Goltra: HB-11-03 to HB-11-02

Rewrite of sludge disposal specs. Nancy submitted a corrected draft on 2/17/19 for our review.

February 2019 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 363 days (Plus February 28 days).

BILL LIST - Resolution #1930 – Approval of Bill List Dated: March 12, 2019 - \$390,433.00

Motion by Pavlini, second Baldassare to approve Resolution #1930 Bill List Dated March 12, 2019 - \$390,433.00

ROLL CALL

Aye: Baldassare, Esposito, Harris, Orr, Pavlini

Nay:

Motion Carried

MEMBER/STAFF COMMENTS

Members thanked Suburban Consulting for the Inflow and Infiltration presentation.
Esposito requested to see the flow map.

ADJOURNMENT

Motion by Baldassare, second Esposito, to adjourn at 7:13 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long