

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY  
MEETING MINUTES  
DECEMBER 10, 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 (arrived 6:32), Harris, Orr  
**Absent:** Pavlini  
**Also Present:** Director Timko, Attorney John Belardo, Superintendent Raymond, Mott MacDonald Wohlleb

**APPROVAL OF MINUTES**

Motion by Harris, second Baldassare to approve the Regular Meeting Minutes of November 26, 2019.

**ROLL CALL**

**Aye:** Baldassare, Harris, Orr  
**Nay:**  
**Motion Carried**

**CORRESPONDENCE**

None

**PUBLIC COMMENT**

None

**ACTION/DISCUSSION ITEMS**

- a. Resolution #2001 Islamic Society of Basking Ridge, 124 Church Street, Northeast Water Quality Management Plan amendment request**  
Sewer Service Area amendments & DEP policy, types of resolutions for DEP, flow volume and allocation agreement, plan amendment process, history of the 1995 connection, lack of easement, and service repair responsibility were discussed.

**CLOSED SESSION**

Motion by Baldassare, second Esposito to go into closed session at 6:47 PM.  
**All in favor; motion carried.**

**ADJOURNMENT**

Motion by Harris, second Baldassare, to return to open session at 7:09 pm.  
**All in favor; motion carried**

Motion by Harris, second Baldassare to approve Resolution #2001.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr  
**Nay:**  
**Motion Carried**

**b. Resolution #2002 Reject Sanitary Sewer Smoke Test bid-National Water Main Cleaning Company**

Motion by Baldassare, second Harris to approve Resolution #2002.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

**c. Resolution #2003 Meeting Dates**

Motion by Baldassare, second Esposito to approve Resolution #2003.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

**d. Resolution #2004 Holiday Schedule**

Motion by Harris, second Esposito to approve Resolution #2004.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

**e. Resolution #2005 Pay for Performance coordination**

Motion by Baldassare, second Harris to approve Resolution #2005.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

**f. Resolution #2006 Rescind Switchgear Bid Award – Belyea Company**

Motion by Baldassare, second Harris to approve Resolution #2006.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

**g. Resolution #2007 PSC Cyber security Mott MacDonald \$20,400**

Motion by Esposito, second Harris to approve Resolution #2007.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

**h. Resolution #2008 Personnel appointment – Joseph Rosenberry**

Motion by Baldassare, second Harris to approve Resolution #2008.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

**i. Resolution #2009 P2P Various vendors**

Motion by Baldassare, second Harris to approve Resolution #2009.

**ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

**j. Discussion – Professional service contracts term – start/end dates**

For billing purposes and to be in line with the authority year the professional service contracts should run from December 1<sup>st</sup> until November 30<sup>th</sup>. This year they will run from January 1<sup>st</sup> until November 30<sup>th</sup> and in subsequent years will start December 1<sup>st</sup> and end November 30<sup>th</sup>. Authority members are in agreement.

**k. Discussion – RRR grease trap rule change**

Timko directed to have a track change version of the RRR grease trap rule change and send to Belardo for review to be reviewed and approved at the next meeting.

**CONSULTING ENGINEERS REPORT**

None this meeting because previous report was 2 weeks ago at 11/26 meeting.

**OPERATORS REPORT**

**December 2019 Meeting**

**November 2019 Report**

**FLOWS**

Total Flow	48,587,000	Gallons
Average Flow	1,620,000	Gallons
Maximum Flow	3,217,000	Gallons
Minimum Flow	1,200,000	Gallons

**OPERATION**

<u>Suspended Solids</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	1227 Kg		
Effluent	18 Kg		280 Kg/Day
Net	1209 Kg	98.0 % Removed	85%
Suspended Solids in Effluent	3.00 Mg/l		30 Mg/l

<u>CBOD</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	596 Kg		
Effluent	13 Kg		75.7 Kg/Day
Net	583 Kg	96.0 % Removed	85%
CBOD in Effluent	2.20 Mg/l		8 Mg/l

<u>Phosphorus</u>	<u>Dry Weight</u>		<u>NJDEP Limit</u>
Influent	26 Kg		
Effluent	1.16 Kg		
Phosphorus in Effluent	0.19 Mg/l		0.76 Mg/l

## **Remarks**

Hypochlorite Used: 612 Gals. Sulfur Dioxide Used: 696 Lbs. Alum Used: 5860 Gals.  
Caustic Used: 0 Gals. Total Precipitation 2.43 Inches. Effluent reuse 6.661mg

## **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 & 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, cleaned station wet wells, removed large fallen tree from perimeter fence behind press building (**removal completed by BTSa personnel saving the authority approx.. \$1500**), put up snow stakes, contracted welder to install drain lines on our rag dumpsters to comply with BRI requirements, ABB calibrated flow meters, Fosbre plumbing installed new expansion tank in boiler room. Foley inspected all gens, replaced batteries on E. Oak Gen, installed new outlets for climber screen, passed Bio Assay testing with >100% result.

## **TV inspection:**

Brentwood Ct, Regent Circle,

## **Jetted:**

none

## **Manhole inspections:**

none

## **Customer Service:**

TV inspected new service connection on valley Rd., stick cam from MH SM-00-27 to make sure water co. did no damage during their repair,

## **Saftey**

See attached report submitted by Matt Hutchinson Safety Coordinator.

## **Projects**

**RAS/WAS:** Pump room electric heaters operational as of 11/15/19. Drain line fixed, 90 was cracked also upon inspection and replaced, sump valves still need to be installed, Cooper plumbing repaired leak on pump room steps, directional arrows need to be installed, still need O&M manuals. RAS #1 tripped out for under voltage on 11/19/19. Ken Schroder was notified. Ken called in Chris from ITSPS to go over the electronics. Chris determined that the problem was with the pump itself and notified pumping services. Pumping Services came out on 11/26/19 to investigate the issue. The pump and check valve had no debris. The pump was put back on line to monitor operation. Chris from ITS was back on site the same day to investigate an issue with the Scada and rechecked the RAS electronics. All checked out ok. We will monitor operation.

**Plant Generator Phase 2:** Jackie from Belyea emailed me on 11/25/19 indicating that they would like to be on site either 11/26 or 27 for further inspection. I told her that either day would be fine.

**Security communication upgrade:** Meeting held at 9am on 11/6 resulted in updates and plans to move forward with the rest of the system. Lomello will submit proposals.

**East Oak St. force main Rehab.** On 9/17/19 Suburban Consulting submitted updated plans for our review that include an additional structure to allow for the temp. bypass. They are finalizing specs. and construction cost estimate.

**Collection System Repairs/Lining:** The King George Road CIPP lining completed 11/14/19.

**Smoke Testing:** Bid came in over amount allotted. Will be re-bid.

**Dewey Meadow Village Redevelopment:** Nancy from MM submitted a Technical Note with recommendations for our review.

### **November 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.  
Exercised plant gens with no issues.  
Exercised R.S.P valves and all sluice gates around plant.  
The crew attended Harassment training.  
Bill M. still on WC for November. No other accidents.  
Lost time no accidents 61 days (Plus November 30 days).

### **RESOLUTION #2010 – Approval of Bill List Dated: December 10, 2019 - \$95,118.16**

Motion by Baldassare, second Harris to approve Resolution #2010 Bill List Dated December 10, 2019 - \$95,118.16

### **ROLL CALL**

**Aye:** Baldassare, Esposito, Harris, Orr

**Nay:**

**Motion Carried**

### **MEMBER/STAFF COMMENTS**

Thank you for everything and Happy Holidays.

### **ADJOURNMENT**

Motion by Baldassare, second Harris, to adjourn at 7:33 pm.

**All in flavor; motion carried.**

Respectfully submitted,

Susan Long