

**BERNARDS TOWNSHIP SEWERAGE AUTHORITY
MEETING MINUTES
OCTOBER 12, 2021**

1. 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.

2. ROLL CALL

Present: Bannan, Crane, Fields (6:52), McNally (6:34), Orr

Absent:

Also Present: Director Timko, Attorney Belardo, Superintendent Raymond

3. RESOLUTION #2149-Closed Session-Cybersecurity

Motion by Crane, second Bannan to go into closed session at 6:31 pm.

All in favor; motion carried.

Motion by Bannan second Crane, to return to open session at 6:42 pm.

All in favor; motion carried.

4. APPROVAL OF MINUTES

Motion by McNally, second Bannan to approve the Regular Meeting Minutes of September 14, 2021.

All in favor; motion carried.

5. CORRESPONDENCE

41 Harrison Brook Dr.-request for check valve

From: [Jill Hamilton](#)

To: [Tom Timko](#)

Subject: 41 Harrison brook fr

Date: Tuesday, September 14, 2021 6:10:28 PM

Good evening.

I just wanted to follow up on the sewage department coming out today. It appears that we're still not sure where and how the water is coming in.

They were going to remove one of the caps from the main sewage lines however if they were unable to get the cap back on I wouldn't be able to utilize the plumbing upstairs. I'm going to reach out to a plumber or if you have a recommendation for a plumber that you can provide to help us figure out where this blockages that would be extremely helpful.

In addition, going forward is there something the town can do for the residence on Harrison Brook to prevent the water coming back into their house through the plumbing line what happened 2 weeks ago. I know there is a mechanism that you can put on so the sewer so that the water doesn't come back into your home if there is a flood like situation.

On another note, our insurance company is denying our claim even though the water came up back through the plumbing.

We have applied for FEMA. Any assistance would be appreciated.

Thank you

From: Jill Ann Hamilton <jrichardel@aol.com>
Sent: Tuesday, September 14, 2021 10:46:46 PM
To: Janice Fields <jfields@bernards.org>
Subject: 41 Harrison Brook

Good evening,

I did receive your voicemail. I was teaching and didn't get the chance to pick up. Thank you for personally reaching out. I do appreciate, it has been a difficult few weeks.

The sewer dept. was here today and we still are not sure why water is entering the home. It could be a result of the the level of water in the brook being so high. I now have to reach out for a third time to a plumber to investigate. No one knows what is going on. The men who were here were very nice and really trying to figure out the issue. However, we can't rebuild until we know why the water is entering the house which seems strange because this hasn't happened in all the years I have lived here.

I would suggest that the Bernards Township work on providing the homes near the brook such those on Harrison and Newell with a back water valve protection that would prevent water coming into our homes from the sewage system even if the brook is flooding. In 11 years, we never encountered anything like this and this simple mechanism could prevent families from being displaced and losing their homes. No one wants to buy a home that requires flood insurance and being a bi-level, flood insurance doesn't cover my first floor.

We are praying that FEMA provides us relief because NOTHING is being covered by insurance. The water mitigation is over \$22,000 for our home.

Today, when the sewer dept. was here they were shocked by the large logs and debris in my yard. Often times, trees are cut near the brook and no one takes responsibility to remove them and as a result, the families here on Harrison Brook are left with tree limbs, garbage and other items in their yard.

I am begging you to have the engineers come out and evaluate the brook. It needs to be drugged and taken care of. My backyard is disappearing because of the erosion. I would also hope that you can discuss with the town's people the proper disposal of trees, leaves, and various debris. The LOGS that were in my yard were a result of telephone poles being cut down and never taken care of and trees being cut due to power lines but the trees were left in or near the brook which washed up on Harrison Brook Drive.

I can provide pictures if you would like.

Again, thank you for taking the time to reach out to me and I look forward to speaking with you soon.

Jill Ann Hamilton

AGENDA WAS AMENDED TO MOVE PUBLIC COMMENT AHEAD OF I & I PROGRAM UPDATE

6. PUBLIC COMMENT

Jill Hamilton-41 Harrison Brook Drive-comments on check valve, sewer issues and sewerage coming into her home. She had \$85,000 in damages.

Christian Delacruz-61 Newell Drive-Comments on sewerage coming into his home and a mitigation plan from BTSA. Had \$100,000 in damages, requesting check valve.

Timko is going to look into the cost of installing check valves. Belardo stated these are improvements on private property and we would be setting a precedent allowing other homeowners to request this also. Timko stated homeowners are asking us to do maintenance on their private lateral line which is prohibited by our policy and Rates, Rules and Regulations. Orr questioned current check valves on homes and regulations regarding check valve installation. Timko directed to see how many homes would be impacted for check valve installation. Bannan asked if there is any type of remediation to the homeowners that BTSA could do. Timko stated that is an aggressive I and I program which we are currently doing but it takes years. McNally asked if we have ever installed check valves at our expense. No, we have not. More discussion on installation of check valves and when and where they should be installed. Ida was considered a benchmark storm which means FEMA will likely map it during a future study.

7. I&I PROGRAM UPDATE-Michael McAloon, PE, Suburban Consulting

Mike McAloon gave an overview of the I & I program to date. Suburban has been working for three years on this program so far. First, they did an investigation and identified two basin areas- Rebel Hill and Crown Court pump stations where there is a significant increase in flow during rain fall events. Assessment was done next which is the smoke testing to find breaks in the pipes where inflow and infiltration can get in. The pipes were also inspected with cameras. Stonehouse and East Oak pump stations were identified as two more areas to investigate. In total twenty-two-and one-half miles of pipe were inspected, and emergency repairs were done to the pipe on Haas Road. Insituform was awarded the contract to address and repair any defects found and install lining in the pipes. Manholes will also be rehabilitated. Water tight manholes is something they could look into and evaluate for surcharging. Multiple cleanout caps were found to be either broken or missing during the investigation. During a rain event Crown Court pump station spikes within a few hours with about three times the normal flow. Sump pumps are also believed to be an issue in the four basin areas investigated. Currently all new construction sump pumps are inspected as part of the final approvals however illegally connected pumps would not be inspected.

8. ACTION/DISCUSSION ITEMS

a. Resolution #2150 Information Security Plan, Disaster Recovery Plan and Cyber Incident Response Plan

Motion by Fields, second Bannan to approve Resolution #2150

ROLL CALL

Aye: Bannan, Crane, Fields, McNally, Orr

Nay:

Motion Carried

b. Resolution #2151 Mystic Lobster, 403 King George Rd. grease trap waiver

Motion by Crane, second Bannan to approve Resolution #2151.

ROLL CALL

Aye: Bannan, Crane, Fields, McNally, Orr

Nay:

Motion Carried

c. Resolution #2152 Interim Payment of Bills

Motion by Bannan, second Fields to approve Resolution #2152.

ROLL CALL

Aye: Bannan, Crane, Fields, McNally, Orr

Nay:

Motion Carried

d. Resolution #2153 Arold Construction E Oak Force Main II CO #1 and Final

Motion by Bannan, second Crane to approve Resolution #2153.

ROLL CALL

Aye: Bannan, Crane, Fields, McNally, Orr

Nay:

Motion Carried

7. CONSULTING ENGINEERS REPORT

Arbor Terrace Allocation will be coming up at the next meeting.

DEVELOPER PROJECTS:

Bernards Plaza/Dewey Meadow Village Redevelopment

No updates.

LCB Senior Living Mount Airy Road

No updates.

Mountainview

No Updates.

Fenwick Place Subdivision (Liberty Meadow)

No Updates

Arbor Terrace Assisted Living/Valley Road

A review letter was issued to the developer and upon receipt of requested revisions, the NJDEP Treatment Works Approval can be submitted to NJDEP for review.

AUTHORITY PROJECTS:

NJPDES Permit Renewal Harrison Brook STP

No Updates.

8. OPERATORS REPORT

Douglas Speeney from NJDEP was very pleased with how we handled the storm.

September 2021 Report

FLOWS

Total Flow	58,750,000	Gallons
Average Flow	1,958,000	Gallons
Maximum Flow	7,311,000	Gallons
Minimum Flow	1,093,000	Gallons

OPERATION

<u>Suspended Solids</u>	<u>Dry Weight</u>	<u>NJDEP Limit</u>
Influent	1497 Kg	

Effluent	30 Kg		280 Kg/Day
Net	1467 Kg	95.0 % Removed	85%
Suspended Solids in Effluent	5.0 Mg/l		30 Mg/l.

VG

<u>CBOD</u>	<u>Dry Weight</u>	<u>NJDEP Limit</u>
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Influent	1137 Kg		
Effluent	11.0 Kg		75.7 Kg/Day
Net	1126 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>
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Influent	15 Kg		
Effluent	0.74 Kg		
Phosphorus in Effluent	0.13 Mg/l		0.76 Mg/l

Remarks

Hypochlorite Used: 943 Gals. Sulfur Dioxide Used: 913 Lbs. Alum Used: 5640 Gals.
Caustic Used: 0 Gals. Total Precipitation 12.02 Inches. Effluent reuse 7.183mg

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, pulled mono flow grinder at E. Oak, Stonehouse CPU went bad (PSI) rebutted old units., pulled E. Oak grinder motor for repair, cleaned E Oak wet well, ABB calibrated all flow meters, Patriot Fuel filtered water from diesel tank, Pumping Services replaced power supply on Stonehouse PLC.

TV inspection:

Crown Ct, Dewy Meadow, Harrison Brook, Flood Prone

Jetted:

None

Manhole inspections:

Checked Flood Prone Manholes after flood, Stick cam Harrison Brook interceptor, Goltra, Newel Dr.,

Customer Service:

Checked #41 Harrison brook (TV interceptor to locate lateral.), attempt to locate clean out for 12 Carteret trail (could not locate), investigate odor complaint at #58 Queen Ann Dr.,

SAFETY

See attached report submitted by Matt Hutchinson Safety Coordinator.

PROJECTS

Security communication upgrade: Called Noah 10/1/21 for an update on the Stonehouse camera. He said he needs to touch base with Albert for compatibility. Albert will have cameras installed at Crown Ct., Stonehouse and either South Maple or Annin Rd by the end of 10/1/21. He will also provide a step-by-step user guide. He is still awaiting delivery of the rest of the units.

East Oak St. force main Rehab Phase 3: Drawings have been submitted for review.

O2D High Flow Bypass: Mike M. Submitted proposed concepts for Wet Weather Stage 1 and Wet Weather Stage 2 for review. Meeting scheduled for 10/6/21 at 11:00 am.

Smoke Testing/CCTV/Cleaning/I&I Repairs: Insituform Tec. Lowest bidder. Awaiting signed contracts and pre-con meeting.

Raw Sewerage wet well piping: Improvement scope submitted by MM.

Crown Ct Force Main: Punch list update submitted for review.

Gas tank removal: Tank removal scheduled to begin on October 5th, 2021.

Tie Breaker MCC4 – MCC5: NorSal and Sal Electric Co were on site 9/21/21 to go over the issue. NorSal submitted a quote. Awaiting a Quote from Sal Electric Co.

CAT Generator: Patriot Clean Fuel was on site 9/29/21 to clean Diesel Fuel.

Cell Tower: Verizon's contractor began work on 8/11/21. Still in progress.

Zoom hook up: Emailed Mike M., township IT on 9/29/21 for an update on ZOOM capability in the lunchroom. He said they are waiting the camera that was ordered.

Solar software update: Vanguard submitted a proposal from Also Energy for review on 9/22/21.

September 2021 Monthly Safety Report

Monthly safety inspections were completed.

Conducted weekly and monthly stormwater inspections.

Completed all weekly emergency shower/ eye wash inspections.

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

Continued updating task hazard assessments

Continued with scheduled safety trainings

Chris Castens last day 9/2

SPPP/SPCC stormwater training 9/7

Accessibility inspection on 9/7

E-JIF inspection on 9/10

Exercised plant gens, gates, and valves.

Lost time no accidents 72 days (Plus September 30 days).

9. RESOLUTION #2154– Approval of Bill List Dated: October 12, 2021 - \$187,263.03

Motion by Crane, second McNally to approve Resolution #2154 Bill List Dated

October 12, 2021 - \$187,263.03.

ROLL CALL

Aye: Bannan, Crane, Fields, McNally, Orr

Nay:

Motion Carried

10. MEMBER/STAFF COMMENTS

Members thanked everyone for their actions during the past two months.

11. ADJOURNMENT

Motion by Fields, second Bannan, to adjourn at 7:35 pm.

All in flavor; motion carried.

Respectfully submitted,

Susan Long