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: Carpenter, Malay, Pavlini
Absent: Baldassare, Gaziano
Also Present: Director Timko, Attorney John Belardo, Asst. Superintendent Eichler, Mott MacDonal Consultant Wohlleb

Motion by Carpenter to excuse Baldassare due to illness and Gaziano who is traveling.
All in favor; motion carried.

APPROVAL OF MINUTES
Motion by Malay, second Carpenter to approve the Regular Meeting Minutes of June 12, 2018.

ROLL CALL
Aye: Carpenter, Malay
Nay:
Abstain: Pavlini
Motion Carried

CORRESPONDENCE
None

PUBLIC COMMENT
None

ACTION/DISCUSSION ITEMS
a. Resolution #1850–CO #3–Suburban Consulting Engineers, Inc.-Madisonville Force Main-$1,405
Motion by Malay, second Pavlini to approve Resolution #1850.

ROLL CALL
Aye: Carpenter, Malay, Pavlini
Nay:
Abstain:
Motion Carried

b. Resolution #1851–PSC-Suburban Consulting Engineers, Inc.-E Oak Street Force Main Rehabilitation Design-$38,300
Motion by Malay, second Pavlini to approve Resolution #1851.

ROLL CALL
Aye: Carpenter, Malay, Pavlini
Nay:
Motion Carried
c. Discussion – Educational Mailer
Members reviewed/requested a slight change to the “Do Not Flush” letter to be sent out to residents within the Monarch Circle sewer area.

BTSA ENGINEER’S REPORT
July 10, 2018 Meeting

DEVELOPER PROJECTS:
No Updates

AUTHORITY PROJECTS:
Monarch Circle / Crown Court Pump Station
Paving is completed. A punchlist for completion has been prepared by Mott MacDonald and is being forwarded to the Authority for review and input. Site cleanup and formal startup remain to be completed by the Contractor. The Contractor is also being encouraged to comply with the requirements for UST storage tank sampling and paperwork when the tank was removed in April. MM assisted BTSA in clearing debris from the sewage forcemain which is reducing station pumping areas.

Harrison Brook STP-RAS/WAS Rehabilitation
Construction is underway and on schedule.

Harrison Brook STP-1M Belt Filter Press Building Demolition
Excessive heat slowed down progress of concrete work. Once the concrete work is finished the electrical cabinet will be installed.

July 6, 2018

11. TOWNSHIP OF BERNARDS SEWERAGE AUTHORITY

OPERATOR’S REPORT
July 2018 Meeting
June 2018 Report

FLOWS
Total Flow 43,631,000 Gallons
Average Flow 1,454,000 Gallons
Maximum Flow 1,932,000 Gallons
Minimum Flow 1,109,000 Gallons

OPERATION
Suspended Solids
Influent 996 Kg
Effluent 20 Kg
Net 976 Kg 97.0 % Removed 85%
Suspended Solids in Effluent 3.55 Mg/l

Dry Weight
NJDEP Limit
280 Kg/Day
30 Mg/l
### CBOD Dry Weight NJDEP Limit

<table>
<thead>
<tr>
<th></th>
<th>Influent</th>
<th>Effluent</th>
<th>Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBOD</td>
<td>622 Kg</td>
<td>13 Kg</td>
<td>609 Kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>96.0% Removed 85%</td>
</tr>
<tr>
<td>CBOD in Effluent</td>
<td>2.23 Mg/l</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Phosphorus Dry Weight NJDEP Limit

<table>
<thead>
<tr>
<th></th>
<th>Influent</th>
<th>Effluent</th>
<th>Phosphorus in Effluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphorus</td>
<td>21 Kg</td>
<td>1.41 Kg</td>
<td>0.24 Mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5.0 Mg/l</td>
</tr>
</tbody>
</table>

### Remarks

Hypochlorite Used: 843 Gals.  
Sulfur Dioxide Used: 707 Lbs. Alum Used: 5,800 Gals.  
Caustic Used: 625 Gals. Total Precipitation 2.81 Inches.

### Comments
- Routine work and samples completed.
- Ran gens at pump stations and plant.
- Checked drives, tanks, gens and vehicles.
- Checked all siphons, checked Barons and checked Jamestown Road.
- Changed carbon E. Oak, Juniper Way, Fieldstone and MVR.
- Exercised valves at pump stations.
- Exercised sluice gates and valves at plant.
- Replaced APC battery backup at Rebel Hill.
- Cleared outfall brush, landscaping.
- John Dobash replaced steel door at wet well.
- Conducted tool inventory.
- Contacted MM for proposal to investigate chemical usage (received proposal on 6/11/18).
- Boiler #1 efficiency test successfully completed.
- Cleaned wet wells at Annin Road and Juniper Way.
- Chris from ITS reprogramed Valley Road and Fieldstone software.
- LMR trucking sludge to new landfill (Chrin Bros.).
- Grease trap inspections.
- Spread top soil, seed and hay at #33 N. Maple Avenue.

### TV inspection:
- Wedgewood, Lafayette, Goltra.
- Storm drains on N. Brook Avenue and Beachwood Lane.
- Attempted to TV Crown Court force main (camera head would not fit into line).

### Jetted:
- Flushed Fieldstone Drive force main.
- River Walk siphon.
- Archgate Road, Oxbow Lane, 600 feet of Crown Court force main.
- Met with Montauk at Crown Court to go over obtaining a proposal for pigging the force main.
Manhole inspections:
- Delivered new frames and lids to county staging area for S. Maple paving job.
- Replaced manhole lids on Lurline Drive.

Customer Service:
- #31 Newell Drive wet spot in yard (homeowner’s sump pump).
- Blockage complaint #25 Lyons Road (snaked line and pulled out heavy wash cloth and other debris. Cleared blockage).
- Blockage complaint # 182 Morristown Road (main line clear, blockage in home owners lateral).

SAFETY
See attached report submitted by Chris Lalicato Safety Coordinator.

PROJECTS
Old Press Bldg. Demo.: Waiting for electrical panel and concrete work.
Caustic Chemical System Upgrade: Roof and siding complete. Tank delivered. Work continues.
RAS/WAS: Contractor waiting for items, bypass pumps and RAS pumps, to be delivered.
Madisonville force main phase II: Working with contractors. Submittals have been received.
Monarch Circle: Paving, painting and electric work complete, project near completion.
Plant Paving: Will work on punch list in spring.

June 2018 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 150 days.
- On June 1st Nor Sal associates inspected the main utility and back-up generator breakers in order to provide a quotation for their upgrade.
- On 6/12 Silva’s Mechanical performed the efficiency testing on Boiler #1 bringing the installation project to completion.
- On 6/14 Mark Sylvester of Bernard’s Township Fire Prevention completed a second inspection to confirm all previously documented violations had been corrected.
12. Resolution 1852 - Approval of Bill List Dated: July 10, 2018 - $264,280.65
Motion by Malay, second Pavlini to approve Resolution #1852-Bill List Dated July 10, 2018 – $264,280.65.

ROLL CALL
Aye: Carpenter, Malay, Pavlini
Nay: 
Abstain: 
Motion Carried

13. Member/Staff Comments
Timko –
• Pigging process to be done on Madisonville Road, Crown Court and possible E Oak Street.
• Consider developing a program going forward with this process throughout town.
• General repairs are 80% ?
• Madisonville – construction should begin next week
• Oxidation ditch – Beaver Electric – mediation at a stand still
• DeMaio – arbitration in process
• FYI – resident at 3137 not happy about having to pay separate connection for added bathroom in pool house

14. ADJOURNMENT
Motion by Pavlini, second Malay, to adjourn at 6:45 pm.
All in flavor; motion carried.

Respectfully submitted,

Lorraine J DeGrande