Burrillville Sewer Commission

Regular Meeting of January 11, 2022

ZOOM Meeting ID: 967 1927 3005

Members Present: William Andrews – Chairman

Richard Nolan – Vice Chairman

Russell Fontaine – Secretary

Gary Rouleau – Commission Member

Daniel Joubert – Commission Member

Also Present: Timothy Kane – Attorney for the Commission

James Dyment – Consulting Engineer

Dennis Anderson – Town Council Liaison

Matthew Baker – Fuse Energy

Tom Defeudis – Fuse Energy

Steve Janes – Fuse Enery

Michael Emond – Superintendent

Stacey Richard – Office Manager

Mr. Andrews opened the Meeting at 6:30 PM.

**Agenda Item –** The question of accepting the Minutes of the Regular Meeting of December 14, 2021 and the question of dispensing with the reading of said Minutes.

**Voted –** Mr. Fontaine made a motion to accept the Minutes of the Regular Meeting of December 14, 2021 and to dispense with the reading of said Minutes. The motion was seconded by Mr. Joubert. All in favor, so voted.

**Public Comment –** None

**New Business:** Presentation from Fuse Energy regarding RI Solar Energy Program.

Mr. Janes stated that Fuse Energy is a commercial and municipal energy advisor. Fuse offers a community solar program. Municipalities may subscribe to shares in solar farms in RI to earn credits towards their monthly energy bills. There are no buy in or opt out fees for this twenty-five (25) year program. Fuse does ask for six (6) months notice to opt out. Mr. Andrews requested a letter stating that the BSC has the right to opt out at any time, with six (6) months notice. There was some discussion on this matter.

**Voted –** Mr. Fontaine made a motion to table the Fuse Energy proposal until the February Meeting. The motion was seconded by Mr. Nolan. All in favor, so voted.

**Old Business –** None

**Correspondence –** None

**Invoices:**

Beta Invoice #47 – Task Order 11 Headworks & Oakland PSID in the amount of $5,835.89 – to be paid through RI Infrastructure Bank loan.

**Voted –** Mr. Nolan made a motion to approve and pay Beta Invoice #47 in the amount of $5,835.89, to be paid through RI Infrastructure Bank loan. The motion was seconded by Mr. Joubert. All in favor, so voted.

Beta Invoice #48 – Nasonville Sewer Extension Feasibility Study in the amount of $6,412.50 – Fund 8300.

**Voted –** Mr. Nolan made a motion to approve and pay Beta Invoice #48 in the amount of $6,412.50 from Fund 8300. The motion was seconded by Mr. Joubert. All in favor, so voted.

**Engineer’s Report:** Nasonville Sewer Extension Feasibility Study – DRAFT Existing Conditions, Buildout and Sewer Alternatives.

Mr. Anderson stated that there is a meeting scheduled on January 20, 2022 to discuss the Nasonville project. Mr. Dyment discussed several possible options for installing sewers in the Nasonville area. Mr. Dyment stated that he will put together cost estimates for the alternatives prior to the meeting.

**Voted –** Mr. Fontaine made a motion to accept the Engineer’s Report. The motion was seconded by Mr. Rouleau. All in favor, so voted.

**Attorney’s Report:**

Mr. Kane stated that there is nothing new to report this month.

**Voted –** Mr. Fontaine made a motion to accept the Attorney’s Report. The motion was seconded by Mr. Rouleau. All in favor, so voted.

**Superintendent’s Report:**

Report for the month of December, 2021

**1. WWTF OPERATIONS**

1. Influent to Treatment Facility – MGD

Average Daily Flow = 1.7820 (59.3% inc)

Maximum Daily Flow = 1.2780 on 02-Nov

Minimum Daily Flow = 0.9326 on 22-Nov

Percent Average

Removal Concentration

1. Biochemical Oxygen Demand

EPA / DEM Permit Requirement = 85.0% min 30.0 mg/L

December achieved = 99.1% 2.1 mg/L

1. Total Suspended Solids

EPA / DEM Permit Requirement = 85.0% 30.0 mg/L

December achieved = 98.8% 3.9 mg/L

1. Total Phosphorus

EPA / DEM Permit Requirement = N/A 1.0 mg/L

December achieved = 83.8% 0.875 mg/L

1. Total Ammonia

EPA / DEM Permit Requirement = N/A 20.0 mg/L

December achieved = 96.1% 0.91 mg/L

1. Total Copper

EPA / DEM Permit Requirement = N/A 8.0 ug/L

December achieved = 98.3% \*5.1 ug/L

1. Disposed Sludge

Dry Tons Disposed of = 40.79

Number of Loads Removed = 37

Average Dry Tons / Load = 1.10

**\*Last week of month copper result has not been reported by the contract lab.**

**Permit Excursions**

**There was one (1) permit excursion for December 2021. The chronic toxicity test for 4th quarter bioassay failed. This same test failed in December 2020 with the exact same result. Under the previous permit, the result would have passed. The acute toxicity portion of the bioassay passed.**

**Callout Alarms**

**There were four (4) after hour alarms for the wastewater treatment plant in December 2021.**

**12/2/21 – High Blended Sludge Tank. Tank purged. Level back to normal.**

**12/15/21 – Power loss. Plant on generator power when power outage occurred at approximately 12:30 AM. Crew verified all equipment was in normal operation while generator was running and after commercial power was restored. All alarms reset.**

**12/18/21 – Power loss. Plant on generator power when power outage occurred at approximately 5:00 PM. Crew verified all equipment was in normal operation while generator was running and after commercial power was restored. All alarms reset.**

**12/26/21 – Initial Chlorine Low. Small leak found on sodium hypochlorite pump #1 discharge side. Ball valve was cracked. Ball valve replaced.**

**2. COLLECTION SYSTEM OPERATIONS**

**There were three (3) after hour collection systems call-in responses for the month of December 2021. Find the call-in table below:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Location** | **Nature of Call / Alarm Condition** | **Issue Found** |
| **12/12/21** | **Oakland Pump Station** | **High Wet Well** | **High flow caused high wet well with only one pump operable. Pump down wet well.** |
| **12/15/21** | **Multiple Pump Stations and Ejector Stations** | **Loss of Power** | **Area-wide power outage. All stations checked after commercial power was restored.** |
| **12/18/21** | **Multiple Pump Stations and Ejector Stations** | **Loss of Power** | **Area-wide power outage. All stations checked after commercial power was restored.** |

**3. OTHER ACTIVITIES & CURRENT ISSUES**

**12/9/21 – Sent letter to RIDEM UST Program requesting a one-year extension of the variance for the Oakland pump station.**

**12/15/21 – Max Maher of RIDEM requested an online meeting to discuss the copper report submitted by BETA Group and the rare earth chloride pilot test. Web meeting set for January 10th at 1 PM.**

**12/15/21 – Received email from Matthew Baker of Fuse Energy regarding signing up for solar credits to save cost on National Grid bill.**

**12/16/21 – Received letter from RIDEM UST Program granting the request for the one-year extension for the Oakland pump station variance. Extension expires January 1, 2023.**

**12/21/21 – James Dyment and Chris Marshall of BETA Group performed wet well drawdowns at Oakland, Mapleville, Glendale and Mohegan pump stations to accumulate data for the Oakland pump station resiliency upgrade.**

**12/29/21 – Oakland pump station pump #2 wired to new motor controller and online.**

**Mr. Emond gave a brief summary of the Superintendent’s Report. There was some discussion regarding the permit excursions.**

**Voted – Mr. Fontaine made a motion to accept the Superintendent’s Report. The motion was seconded by Mr. Nolan. All in favor, so voted.**

**Sewer Use/ Sewer Assessment Write-Offs – None**

**Adjournment: Mr. Fontaine made a motion to adjourn the Meeting. The motion was seconded by Mr. Nolan. All in favor, so voted.**

**Respectfully Submitted,**

**Jacqueline Batalon**

**Financial Aide**

**I have read the Minutes of the previous pages and hereby ratify the same.**

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**William Andrews Richard Nolan Russell Fontaine**

**Chairman Vice Chairman Secretary**

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**Gary Rouleau Daniel Joubert**

**Commission Member Commission Member**