

**CHALFONT-NEW BRITAIN TOWNSHIP JOINT SEWAGE AUTHORITY**

**BOARD MEETING MINUTES**

**January 23, 2018**

The semi-monthly meeting of the Chalfont-New Britain Township Joint Sewage Authority was held on Tuesday, January 23, 2018, in the Authority's meeting room.

**Present:** Joseph Bonner, Chairman; Timothy Hagey, Assistant Treasurer; Donald Cameron, Vice Chairman; Gustave Haun, Treasurer; Lawrence Nuesch, Assistant Secretary. Absent William Evans, Secretary. Also present were: Joseph Bagley, Authority Solicitor; Thomas Hauser, Superintendent; and Joseph Nolan, Engineer. John Schmidt, Executive Director, was absent.

The Chairman called the meeting to order at 5:00 p.m.

**PUBLIC COMMENT**

No members of the public were present.

**REPORTS OF OFFICERS**

No reports of officers were presented.

**COMMITTEE REPORTS**

No Committee reports were presented.

**SUPERINTENDENT'S REPORT – Thomas Hauser**

Mr. Hauser reported that operations were considered normal for the month of December. Construction work continued and the need for staff assistance also continues as different unit processes are affected.

Precipitation: 2.11 inches

Average Daily Flow: 2.69 MGD

Peak Day Flow: 4.76 MG

All process performance was within limits. Suspended solids achieved ninety-seven percent (97%) removal and CBOD ninety-nine percent (99%) removal. NH<sub>3</sub> was ninety-nine percent (99%) removed and total Phosphorous was ninety-five percent (95%) removed. Nitrates were "down" and regulated by a seasonal limit. Fecal coliforms were well within limits and Mr. Hauser commented that the UV system was performing well.

Mr. Hauser reported that the Authority received its last load of ferrous chloride at \$.02 per pound. He explained that because a company "up stream" in the manufacturing process was bought and because ferrous chloride is a "co-product", the price is increasing to \$.05 per pound. Using ferrous chloride not as a co-product but as a new product would equal \$.12 per pound. The Authority has not seen a price increase for ferrous chloride in fifteen (15) years.

There was an extensive discussion regarding the use of ferrous chloride. It is estimated that the rate of one thousand dollars (\$1,000.00) per tank load will increase to approximately twenty-two hundred dollars (\$2,200.00) per tank load (actually about twenty-five hundred dollars

(\$2,500.00) per tank load). At approximately twelve (12) tanks per year, it was estimated that a fourteen thousand dollar (\$14,000) increase in costs will result (actually approximately eighteen thousand dollar (\$18,000.00) increase per year). Alternatives have been explored and they are deemed more expensive.

Mr. Hauser reported on a problem with the infra-red heater in the Effluent Screen Building. A problem with a control board in one of the UV system modules has been repaired. The influent mag meter stopped sending a signal to the SCADA system. Also, DAFT controls are not responding to input from SCADA system. That is being worked on. The grit pump clogged, it was pulled and cleaned and returned to service. The Authority is continuing to utilize the composting facilities for sludge disposal but cold weather slows that process (because the trucks are sometimes used to haul salt).

In the collection system, a new lateral connection was inspected at CHOP. A hydrostatic force main test was inspected at Rolling Ridge subdivision. The root cutter was run at 96 Skyline Drive and root killer applied. An E-One pump was inspected at Rolling Ridge. Grease removal took place at Pump Station No. 6. Grease removal took place at the Pine Run Meter pit.

There was a discussion of grease removal at Pine Run Interceptor. Joe Nolan discussed circumstances and a review of the situation.

A Board member asked a question about vacancies in the staff. There was a discussion about various positions and a discussion about the probable occurrence of future vacancies.

There was a discussion regarding Flygt pump issues. Mr. Hauser stated that there are spare parts available to repair the Flygt pump.

#### **ENGINEER'S REPORT – Joseph Nolan, P.E.**

Mr. Nolan reported on the status of construction. LB Industries is winding down on what can be undertaken through April; most of the remaining work is outdoor restoration. They are finishing up fire-related work. The completed installation of the equipment. The start up of the odor control system has not yet occurred. The manufacturer advises that the Authority may want to wait until warmer weather to start up the odor control systems. As a result of the biological processes involved, every time the systems are taken off line, it may take a long time to start the process up again. The Authority may even be advised to keep the filters biologically alive all winter so that the long start-up process does not have to be initiated each Spring.

Mr. Hauser advised that the Fulton Dryer representatives are expected to be at the Plant next week to fire-up the heater.

There was a general discussion regarding the construction permit and the certificate from DEP for the dryer.

Mr. Nolan advised that the Township will come out for an inspection of the new construction.

Mr. Nolan advised that final paving of the entire site will occur likely during the Summer.

There was a question asked by a Board member about outside lighting as part of the construction project. It was stated that there are remaining outdoor lighting issues which need to be addressed by BSI.

**SOLICITOR’S REPORT – Joseph M. Bagley, Esquire**

The Board recessed into executive session at approximately 5:25 p.m. to discuss potential litigation with a former electrical contractor of the Authority. The Board returned to its regular session at approximately 5:26 p.m.

There was a brief discussion about the flier received for Board member training.

**MOTION:** It was moved by Mr. Haun and **SECONDED** by Mr. Hagey to adjourn the meeting. The Motion was unanimously adopted.

The meeting was adjourned at approximately 5:28 p.m.

Respectfully submitted,

Joseph Bagley, Solicitor  
and Recording Secretary