

CHALFONT-NEW BRITAIN TOWNSHIP JOINT SEWAGE AUTHORITY

BOARD MEETING MINUTES

February 25, 2020

The semi-monthly meeting of the Chalfont-New Britain Township Joint Sewage Authority was held on Tuesday, February 25, 2020, in the Authority's meeting room.

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

The Chairman opened the meeting 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 Treatment Plant operations for the month were less than optimum due to problems with drying operations. Equipment breakdowns and dryer malfunctions caused biosolids production to fall behind and sludge storage space had been used up. In addition, more problems with aerators surfaced.

Precipitation: 3.95 inches
Average Daily Flow: 4.47 MGD
Peak Day Flow: 10.18 MG

Mr. Hauser noted that ammonia sampling met the Authority's parameters and he noted the listing of an erroneous limit in his Report of 4.0 mg/L instead of 6.0 mg/L. Also phosphorous, nitrates and fecal coliforms were all below limits.

Mr. Hauser discussed the drying operation problems encountered in January. The sludge conveyor drive bolt sheered off, shutting down the dewatering operations for repair and cleanup. Various dryer malfunctions affected drying operations during the month whereby the drying chamber exhaust was not functioning as designed and much time was expended exploring the problem which turned out to be blades within the dryer being worn out and not conveying the sludge inside

the dryer. There was an extensive discussion regarding the dryer reaching the end of its useful life.

Mr. Hauser also reported on power blinks knocking out the SCADA System control panel in the DAFT and centrifuge/dryer building. He reported no SSO's were incurred. He further reported that the bearing plate on the No. 2 aerator at shafts 1 and 2 was loose and moving around. Two days later the coupling broke off and broke the shaft. Mr. Hauser is pricing the cost of a new shaft on the aerator. Also the No. 4 aerator is out of service due to a failed gear-reducer and a new one is on order. No bulk biosolids were distributed during the month.

In the collection system, routine pump station maintenance was performed as well as various CCTV jobs with the TV truck. The Cycle B deduct meter list was read. The hole next to the centrifuge building resulting from removal of the fuel tank was backfilled by Authority personnel. Also, new decking was installed on the tag-along trailer.

The Board asked various questions regarding the fuel tank removal, the problems with the drying chamber exhaust and excessive rains during tropical storm events. There was a general discussion about the dryer reaching the end of its useful life and the necessity to begin hauling sludge to the composting facility near Manheim.

EXECUTIVE DIRECTOR'S REPORT – John Schmidt

Mr. Schmidt reported that the employee interviewed as an electrician accepted the job offer and will report for work on March 16.

Mr. Schmidt inquired about participants for the next PMAA dinner which is scheduled for April 9.

Mr. Schmidt announced that he will be absent for the second Board meeting in March.

Mr. Schmidt reported that he will be submitting the preliminary expense budget for next year to the Board at the next meeting (March 10).

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

Mr. Nolan reported that bidding on the new dryer installation is underway. The bidding ends next week and Mr. Nolan expects an award to be made at the Board's March 10 meeting. A mandatory pre-bid meeting was held at the Authority offices last week. Mr. Nolan is pleased with the quality of some of the potential bidders. Mr. Nolan discussed the PennBid process with the Board. He also reported that he is working with Authority personnel on the relocation and reinforcement of a truss in the dryer building affected by planned removal of the wall. He noted that a lot of hours have been put into answering questions from bidders and a recent problem encountered by a supplier regarding parts for a cooling tower where a supplier had to be switched. In response to a

Board question, Mr. Nolan estimated that the dryer would be installed by June and would be up and running in July. The contract calls for 63 days to install the dryer.

With regard to the Pump Station No. 4 Replacement Project, Mr. Nolan reported that the survey work has been completed and Mr. Nolan is prepared to walk the site with Mr. Schmidt when the weather is better.

SOLICITOR’S REPORT – Joseph M. Bagley, Esquire

Mr. Bagley had nothing to report.

OTHER BUSINESS

The Chairman called for any items for the agenda for the March 10 meeting. None were suggested.

ADJOURNMENT

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 5:25 p.m.

Respectfully submitted,

Joseph M. Bagley, Solicitor
and Recording Secretary