

**CHALFONT-NEW BRITAIN TOWNSHIP JOINT SEWAGE AUTHORITY**  
**BOARD MEETING MINUTES**

**December 8, 2020**

The meeting of the Chalfont-New Britain Township Joint Sewage Authority was held on Tuesday, December 8, 2020, in the Authority's meeting room.

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

The Chairman opened the meeting at 5:00 p.m.

**MOTION:** It was **MOVED** by Mr. Haun and **SECONDED** by Mr. Cameron to adopt the Minutes of November 10, 2020 as distributed to the Board. The Motion was unanimously adopted.

**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 presented two (2) months of reports for October and November.

For October, plant operations continued as in the recent past during most of the month. Personnel worked on the aerator situation. Outside contractors were brought in for additional assistance.

Precipitation: 4.8 inches

Average Daily Flow: 3.42 MGD

Peak Day Flow: 8.53 MG

Ammonia, phosphorous and fecal coliform measurements were out of compliance for October. Fecal coliform reached 2289 cfu/100 mL.

Plant personnel concentrated on aerator No. 1 using materials on hand. Two (2) shafts were on order and the Authority was waiting for their delivery. There was a problem with a mixer in anoxic tank B which was pulled for repair. Channel #1 of the UV equipment repeatedly tripped the main breaker. This issue was brought to the attention of the OEM technician when he visited onsite looking for reasons why disinfection was not occurring. The manufacturer's representative said he

would discuss the issues with his technical people. They advised the Authority that ammonia does not affect UV performance.

The No. 1 aerator drive was replaced due to gear box issues. By October 27 the No. 1 aerator shafts were in place and the next day an outside contractor was onsite to perform the shaft alignment.

In the collection system, weekly flow meters were read. Televising jobs with the TV truck were performed. Various jobs with the jet truck were performed. Collection system personnel assisted with operations on the DA shaft project. The grinder pump list was updated. Six (6) new tie-ins to the sewer system were inspected.

For November, plant performance was much improved with two (2) aerators back in service.

Precipitation: 6.2 inches

Average Daily Flow: 4.45 MGD

Peak Day Flow: 11.87 MG

Suspended solids were out of compliance due to flow because of rain coming at the end of the month. Ammonia, phosphorous and fecal coliform were all down for the month.

The No. 1 aerator went online on November 4 and by November 10 ammonia was at 0.42 mg/L, fecal coliform was in the 800's. An outside contractor was also utilized for two (2) days to help with the repair of the No. 2 and the No. 4 aerators. On November 16, personnel acid washed channel No. 1 of UV modules 1 and 2 because of a heavy buildup of what appears to be iron scale. The initial acid wash did not remove the scale. Later, muriatic acid was used and the iron scale removed the residual. The fecal coliform number dropped right away so the iron scale could have been part of the problem. On November 17, the No. 2 aerator went back online.

In the collection system, routine pump station maintenance was performed. The Cycle B deduct meter list was read. 100 hours of inspection were performed at the Mill Ridge project.

In response to a question, Mr. Hauser stated that he believes that the ammonia caused a secondary reaction on the quartz producing iron scale. The technician for Ozonia could not find out why the UV system was not working properly. Mr. Hauser is going to look at the ammonia counts and see if there is a correlation between the ammonia levels rising and the fecal coliform rising. A question was asked about having an extra set of bearings in stock. Mr. Hauser responded that he will keep the "wear parts" in stock. A question was asked about greasing the bearings monthly. Mr. Hauser responded that the O&M manual established a monthly schedule. In response to further questions, Mr. Hauser and Mr. Nolan estimated that the No. 3 shaft on the No. 1 aerator is almost 12-13 years old.

## **EXECUTIVE DIRECTOR'S REPORT**

In Mr. Schmidt's absence, Mr. Hauser presented part of the report and Mr. Bagley presented part of the report. Mr. Hauser referenced a six (6) month budget report distributed to the Board. Mr. Hauser pointed out sewage disposal equipment maintenance costs utilizing almost 100% of budget in the first six (6) months due to the purchases for the aerators. No questions were asked. Mr. Bagley presented the Developer's Agreement for Chalfont Crossing. The development involves 61 EDUs and all escrow monies, security and tapping fees have been received from the developer.

**MOTION:** It was **MOVED** by Mr. Haun and **SECONDED** by Mr. Cameron to approve the Developer's Agreement for Chalfont Crossing. The Motion was unanimously adopted.

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

Mr. Nolan presented Requisition No. 216 for Capital Expenditures in the amount of \$54,468.26 which is cost for the new SUV vehicle for the Authority.

**MOTION:** It was **MOVED** by Mr. Cameron and **SECONDED** by Mr. Nuesch to approve Requisition No. 216 for Capital Expenditures in the amount of \$54,468.26. The Motion was unanimously adopted.

Mr. Nolan next presented Requisition No. 259 for Capital Improvements in the amount of \$9,635.60. It was explained that the entry under Fund 3 on the Bill List for Prestige Building Partners was an amount representing a reimbursement which went "in and out" of the Fund thus was not included in the Requisition. Mr. Schmidt confirmed this in advance of the meeting.

**MOTION:** It was **MOVED** by Mr. Cameron and **SECONDED** by Mr. Nuesch to approve Requisition No. 259 for Capital Improvements in the amount of \$9,635.60 for engineering for the Pump Station No. 4 project. The Motion was unanimously adopted.

Mr. Nolan reported that the Pump Station No. 4 project is making good progress. The pump station is designed. Mr. Nolan is redesigning parts based upon comments from Authority personnel. Initial contacts have been made with property owners. Mr. Nolan has looked at an alternate route to avoid a long run through a private property. The alterations have just been submitted to Mr. Schmidt for review. Arrangements are being made to schedule a "soft dig" with the gas utility. Mr. Nolan expects to be ready to bid next year.

A question was asked whether the change in route would alter the flow characteristics. Mr. Nolan responded that it would not.

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

Mr. Bagley continued the discussion brought up prior to the meeting about the possibility of the Authority holding its first January meeting by way of a Zoom online platform. Mr. Bagley stated that the Legislature enacted a law in May allowing public bodies to conduct meetings by way of online technology during an emergency announced by the Governor. A consensus was reached by the Board to hold the first meeting in January by online technology only.

**TREASURER'S REPORT – Gustave Haun**

Mr. Haun reviewed the General Operating Expenses for the month of \$227,212.33 as well as a previously-approved Requisition No. 216 and 259 as well as payments to the Loan Fund of \$73,304.25 making the total expenditures for the month \$366,960.62 and he recommended approval.

**MOTION:** It was **MOVED** by Mr. Haun and **SECONDED** by Mr. Nuesch to approve the total expenditures of \$366,960.62. The Motion was unanimously adopted.

Mr. Haun next presented escrow disbursements in the amount of \$7,765.62.

**MOTION:** It was **MOVED** by Mr. Haun and **SECONDED** by Mr. Cameron to approve the escrow disbursements of \$7,765.62. The Motion was unanimously adopted.

## **OTHER BUSINESS**

There was a discussion about the scheduled December 22 meeting.

**MOTION:** It was **MOVED** by Mr. Cameron and **SECONDED** by Mr. Haun to cancel the December 22 meeting. The Motion was unanimously adopted.

The next Board meeting will be held online on January 12.

There will be a test meeting on January 5.

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

The meeting was adjourned at approximately 5:33 p.m.

Respectfully submitted,

Joseph M. Bagley, Solicitor  
and Recording Secretary