

**UPPER PROVIDENCE TOWNSHIP SEWER AUTHORITY
JANUARY 13, 2021**

The meeting of the Upper Providence Township Sewer Authority was held on Wednesday, January 13, 2021 via Zoom. It was called to order at 7:30 p.m. by Chairman, Michael Byrne.

Those present: Mr. Michael Byrne
Ms. Patricia Hall, Office Manager
Mr. Matthew B. Hayes
Mr. James P. Kelly, P. E.
Mr. Gregory M. Mallon, Esq.
Mr. Kevin Matson, P. E.
Mr. Robert L. Pinto, Solicitor
Mr. Robert Powell
Mr. Richard T. Spielman, Jr., Operations Manager
Mr. Walter J. Weinrich, Esq.

REORGANIZATION AND ELECTION OF OFFICERS FOR 2021

Mr. Byrne appointed Mr. Matson as temporary Chairman for the purpose of receiving nominations for the offices of Chairman, Vice Chairman, Treasurer, and Secretary.

MOTION: Mr. Michael Byrne moved to nominate the following slate of officers for 2021: Mr. Michael Byrne as Chairman, Mr. Matthew B. Hayes as Vice Chairman, Mr. Robert Powell as Treasurer, and Mr. Kevin Matson as Secretary. Seconded by Mr. Walter J. Weinrich. Motion carried unanimously. (MOTION 21-01-01)

MOTION: Mr. Michael Byrne moved to close the nominations. Seconded by Mr. Gregory M. Mallon. Motion carried unanimously. (MOTION 21-01-02)

Mr. Byrne relieved Mr. Matson of the temporary Chairmanship and again became the Sewer Authority Chairman.

MOTION: Mr. Kevin Matson moved to appoint Kelly and Close Engineers as the Upper Providence Township Sewer Authority's engineering firm for the year 2021. Seconded by Mr. Gregory M. Mallon. Motion carried unanimously. (MOTION 21-01-03)

MOTION: Mr. Michael Byrne moved to appoint Mr. Robert L. Pinto as Solicitor for the Upper Providence Township Sewer Authority for the year 2021. Seconded by Mr. Gregory M. Mallon. Motion carried unanimously. (MOTION 21-01-04)

MOTION: Mr. Gregory M. Mallon moved to renew the Maintenance Agreement with Upper Providence Township for the year 2021. Seconded by Mr. Michael Byrne. Motion carried unanimously. (MOTION 21-01-05)

MOTION: Mr. Gregory M. Mallon moved to appoint the following committee members for the year 2021: Engineering: Messrs. Michael Byrne, Matthew B. Hayes, and Kevin Matson; Finance: Messrs. Michael Byrne, Gregory M. Mallon, and Robert Powell; and Personnel and Administration: Messrs. Michael Byrne and Gregory M. Mallon. Seconded by Mr. Walter J. Weinrich. Motion carried unanimously. (MOTION 21-01-06)

Mr. Weinrich noted that this was his last meeting as a board member since his term has expired. He was a member of the Personnel and Administration Committee last year.

PUBLIC COMMENT

None.

MINUTES

The minutes of the meeting of December 9, 2020 were reviewed.

MOTION: Mr. Gregory M. Mallon moved to approve the minutes of the meeting of December 9, 2020 as presented. Seconded by Mr. Walter J. Weinrich. Motion carried unanimously. (MOTION 21-01-07)

INCOME AND EXPENSES

Ms. Hall noted that there is nothing unusual on the Voucher List and everything is covered under the budget.

MOTION: Mr. Kevin Matson moved to approve the Voucher List of January 13, 2021 as presented. Seconded by Mr. Walter J. Weinrich. Motion carried unanimously. (MOTION 21-01-08)

REPORTS OF OFFICERS

No reports.

OPERATIONS MANAGER'S REPORT

Regarding the Ridley Creek/Crum Creek Sanitary Sewer Extension project, the following permits have been approved and pumps issued: **Phase One** (229 customers) 225 permits and 222 pumps; **Phase Two** (187 customers) 186 permits and 185 pumps; **Phase Three** (122 customers) 121 permits and pumps; **Phase Four** (85 customers) 82 permits and 81 pumps; **Phase Five** (153 customers) 150 permits and 147 pumps; **Phase Six** (175 customers) 173 permits and 168 pumps; **Phase Seven** (73 customers) 70 permits and 67 pumps; **Phase Eight** (134 customers) 131 permits and 130 pumps; **Phase Nine** (104 customers) 97 permits and 94 pumps. The amount of main installed is 159,471 feet (30.2 miles) and service pipe is 29,260 feet (5.5 miles). The percentage of residents connected is 95.2% and 46 pumps have not been issued. This total does not include 40 Toft Woods residents.

The following is a summary of grinder pump repair costs for 2021.

<u>Calls</u>	<u>Total Cost</u>	<u>Agreement Savings</u>	<u>Billed to Customer</u>
16	\$8,202	\$3,877	\$0

Cores from stock pumps used for replacement savings, \$3,200.

The year-to-date summary for PA One Call activity showed:

Clear – no facilities	13
Field Marked	12
Other	<u>13</u>
	38

The piping work at the Bortondale pump station to facilitate the connection of emergency back-up pumps has been completed and tested.

Mr. Spielman responded to Mr. Hayes's question at last month's meeting regarding the feasibility of buying the pumps at the Bortondale pump station instead of renting them. He said that we would need two pumps, and they are not exactly the same. One is super quiet and could be used in a residential area (\$45,000) and the other does not have that feature (\$25,000). The total cost for the two would be about \$75,000. The two pumps at the station now have been tested and are ready for use, if needed. Their rental cost is \$7,000 per month.

Messrs. Spielman, Golden, and Kelly have concluded that a second station at the site of the old Bortondale Station is not feasible for a number of reasons. The pump station design criteria has changed significantly over the years since the original station was built, and current requirements would make it difficult and impractical to develop this site.

Our efforts now are, therefore, concentrating on finding the best solution for the current site (developing a new station here). Investigation by Mr. George Golden has identified a pump which may be capable of performing to the needed specifications. Mr. Kelly is looking into this. The pump being considered is a high RPM pump manufactured by Flyte. If this pump is determined to be as advertised, two single pumps would be required. However, we have questions about the average service length between major overhaul and/or replacement. The most common pump RPM is 1725 as compared to the Flyte pump which operates at 3450 RPM. This Authority has no experience with such a pump.

Mr. Kelly will report on his efforts to date to determine the boundaries of the Bortondale station property and an investigation into the Flyte pump.

Mr. Byrne asked if using a submersible pump would mean doing away with the issues with the bearings. Mr. Spielman said that we would be eliminating the vibration, which is what caused the bearing failures at the station now. The unit would be suspended in the wet well, so that would no longer be an issue.

Mr. Matson asked if Mr. Spielman needed anything from the board as far as direction at this time to which Mr. Spielman answered no.

REPORTS OF COMMITTEES

No reports.

REPORTS OF CONSULTANTS

MR. JAMES P. KELLY, ENGINEER

With regard to the mapping project, the completion rate for the districts is as follows: District 4 (Braves Trail pump station), 5 (Media Station), 6 (Bortondale), 9 (Ridley Creek LPSS South), 10 (Ridley Creek LPSS North), 10A (Toft Woods), 11 (Crum Creek LPSS South), and 12 (Crum Creek LPSS North) are 100% complete. Districts 1, 2 and 3 (Lemon Street, Valley View, and Winter Street) are 99% complete; District 8 (CDCA/Farnum Road) is 90% complete; and District 7 (Wooded Way LPSS) is 45% complete.

Mr. Kelly reported that due to the lack of information regarding the boundary limits of the easement for the pump station, he has ordered a title search to better locate the physical limits. Considering the restricted space, he feels it is critical to know where and how to locate the new facilities.

He is aware of only one submersible pump that potentially could be used in the pump station. The pump manufacturer is Flyte and the pump is manufactured in Germany. Mr. Kelly is currently determining the duty curve to select a potential pump. He hopes to have two parallel pumps. Additionally, he is tracking down existing users of this pump manufacturer in similar application. He understands that there is a problem getting parts so he is suggesting that, should we decide on these pumps, our contract should include getting two extra pumps as standbys. He noted that they turn at a high rate. Mr. Spielman spoke with Mr. Golden today and he strongly recommended that we take pressure readings at the pump station to make sure that we are working with the right dynamic. If he needs authorization or guidance from the board, he is hoping to get to that point in the near future and is working toward that.

Mr. Matson mentioned our specialty maintenance agreement with E-One for our pumps and asked whether these pumps would also require a specialty maintenance agreement or could KBX maintain them.

MR. ROBERT L. PINTO, SOLICITOR

Mr. Pinto reported that he and Messrs. Spielman and Kelly are close to obtaining an easement on the property on North Orange Street. He is hoping that settlement will go through because we have a tapping fee on that property.

Mr. Byrne congratulated Mr. Pinto on his appointment as Sewer Authority Solicitor for 2021.

MOTIONS AND RESOLUTIONS

None.

MISCELLANEOUS

Mr. Weinrich gave an update on the proposed sale of Delcora to Aqua PA. The decision has to be made by March 26, 2021.

Mr. Byrne thanked Mr. Weinrich for his service and input to the board and asked him to come into the office to receive the board's normal parting gift.

**MOTION: Mr. Gregory Mallon moved to adjourn the meeting of January 13, 2021. Seconded by Mr. Matthew B. Hayes. Motion carried unanimously.
(MOTION 21-01-09)**

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The meeting ended at 8:19 p.m.

The next meeting will be on February 10, 2021.

Respectfully submitted,

Mrs. Stella B. Thompson

Approved _____

UPPER PROVIDENCE TOWNSHIP SEWER AUTHORITY
MOTIONS FOR 2021
JANUARY

- 1. Nomination of the following slate of officers for 2021: Mr. Michael Byrne as Chairman, Mr. Matthew B. Hayes as Vice Chairman, Mr. Robert Powell as Treasurer, and Mr. Kevin Matson as Secretary.**
- 2. Closure of the nominations.**
- 3. Appointment of Kelly and Close Engineers as the engineering firm for the Upper Providence Township Sewer Authority for the year 2021.**
- 4. Appointment of Mr. Robert L. Pinto as Solicitor for the Upper Providence Township Sewer Authority for 2021.**
- 5. Renewal of the Maintenance Agreement with Upper Providence Township for 2021.**
- 6. Appointment of the following board members to committees:
Engineering: Messrs. Michael Byrne, Mr. Matthew B. Hayes, and Mr. Kevin Matson; Finance: Messrs. Michael Byrne, Gregory M. Mallon, and Robert Powell; and Personnel and Administration: Messrs. Michael Byrne and Gregory M. Mallon.**
- 7. Approval of the minutes of the meeting of December 9, 2020 as presented.**
- 8. Approval of the Voucher List of January 13, 2021 as presented.**
- 9. Adjournment of the meeting of January 13, 2021.**

