

**WEST EARL SEWER AUTHORITY
PO BOX 725
BROWNSTOWN, PA 17508-0725**

The regular monthly meeting of the West Earl Sewer Authority was held in room 102 at the West Earl Township Municipal Building, 157 West Metzler Road, Brownstown, Pennsylvania on Wednesday, February 14, 2018. Chairman Mike Reed called the meeting to order at 7:00 PM.

Authority members present: Rick Weik, Brian Kane, Dave Noyes, Mike Reed and Don Eckel. Also present: Dan Becker, Becker Engineering. Teresa Beaver, administrator.

1. **MINUTES**

The **motion** by Don Eckel, seconded by Brian Kane was approved unanimously to accept the minutes of the January 10, 2018 regular meeting of the West Earl Sewer Authority as presented.

2. **PUBLIC COMMENT**

- **Dennis Adams**, 152 Brian Drive, asked the Authority to allow him to make connection to the sewer system with a permit that expired in 2015. Several personal factors were the reason for the delay. The customer's account is currently paid in full. The **motion** by Don Eckel, seconded by Brian Kane was approved unanimously to allow Mr. Adams to make the connection with the expired permit, but Mr. Adams will be responsible to pay Becker Engineering for all inspection costs.

- **Marlin Huss**, 430 Millway Road, asked the Authority which agency mandates connection to public sewer. The Township's Act 537 plan was explained to him as well as the criteria used to determine which areas are in need. Mr. Huss then asked why liquid manure can be spread on the ground to seep into the water table. The Authority responded that is a question for the conservation district.
Mr. Huss said he spoke with Josh Kennedy on site and many of his questions and concerns were addressed.

- **James Willis**, 460 Millway Road, approached the Authority with several complaints about the construction taking place for the Conestoga View Drive sewer extension.
 - Mr. Willis said there is heavy equipment turning in private driveways
 - The staging area is not stoned in – Mr. Willis was informed that the staging area maintenance is between the contractor and the private homeowner.
 - Equipment was left on private property over a long weekend and left large ruts when removed
 - Stone was left on the road over the weekend
 - The contractor is backfilling with frozen material
 - He's observed unnecessarily boisterous and profane language from the workersThe Authority and engineer assured him that these items will be addressed with the contractor. The engineer asked him to contact Josh Kennedy as soon as he observes any issue, so it can be addressed immediately.

3. **ENGINEER'S REPORT**

See attachment

DS Services – On January 4, 2018, the Authority sent a certified letter to DS Services about their repeated flow exceedances. DS Services has not responded to either the Authority or the engineer.

Non-Residential Waste Discharge Permit Program – Quarterly reports were received from DS Services and Zimco. Zimco’s results showed a dramatic increase in several strength of waste parameters. The engineer will continue to work with Zimco to bring them back to compliance.

Conestoga View Sewers – Certified letters were sent to eight homeowners who had not responded to the direction to install marker stake and/or return Right of Entry Agreements. The letters were very effective; all but one have returned the ROE agreements and all homeowners have now made contact regarding the placement of marker stakes.

C&R has submitted an Application for Payment No 1 for work completed through February 1, 2018. BEL reviewed the application and recommends that the Authority authorize payment to C&R in the amount of \$319,835.70. The **motion** by Don Eckel, seconded by Brian Kane was approved unanimously to authorize C&R’s **Payment Application No. 1** for \$319,385.70.

Bobby Rahal Automotive Group – BEL received revised sanitary sewer design plans on 2/5/2018.

Route 272 and Church Street Sanitary Sewer Manholes – Some settling has occurred at the manhole at Church Street and West Metzler Road. C&R will add some cold patch to level it out in the next few days.

99 Rosewood Drive – BEL has discussed the situation with the builder regarding the sewer extension. BEL will work with the builder to design an adequate low-pressure sewer extension. Since this isn’t a typical land development plan, an escrow account has not been set up, however, there will be charges that the builder will need to pay. BEL will provide an estimate of charges so an escrow amount can be established. A letter will be sent to the builder with the Authority’s escrow requirements.

3888 Oregon Pike – The sketch detailing the sanitary sewer facilities that were abandoned and installed is required from the property owner. To date, this sketch has not been provided to the Authority.

Chapter 94 – the annual Chapter 94 report is due March 31, 2018. The engineer will have a draft for the next Authority meeting.

4. **CORRESPONDENCE**

- **Treasurer’s report** – the Authority reviewed the December 31, 2017 treasurer’s report.
- **Conestoga View Budget Summary** – the Authority reviewed the summary.
- **DS Services quarterly report and BEL’s response letter** – the Authority reviewed the documents
- **ZIMCO quarterly report and BEL’s response letter** – the Authority reviewed the documents

5. **NEW BUSINESS**

ARRO presented a proposal for contract operations for the Waste Water Treatment Facility. The Authority tabled discussion on the proposal until the Township has decided a course of action.

6. **BILLS**

The **motion** by Mike Reed, seconded by Don Eckel was approved unanimously to pay total monthly operating expenses of \$58,460.30.

The **motion** by Brian Kane, seconded by Dave Noyes was approved unanimously to pay escrow expenses of \$632.50 for the LGH project and Bobby Rahal project.

7. **PAYMENT REQUISITIONS**

The **motion** by Don Eckel, seconded by Brian Kane was approved unanimously to authorize payment **Requisition No. 192** for \$58,460.309 to pay operating expenses. The Authority and engineer signed the document.

The **motion** by Dave Noyes, seconded by Brian Kane was approved unanimously to authorize payment **Requisition No. 35** for \$29,012.70 to pay expenses from the Bond Redemption and Improvement Fund for Engineering expenses associated with the Conestoga View Sewer Extension project and the Manhole Rehab project. The Authority and engineer signed the document.

The **motion** by Brian Kane, seconded by Mike Reed was approved unanimously to authorize payment **Requisition No. 36** for \$319,835.70 for payment Application No.1 to C&R Directional Boring for work completed on the Conestoga View Sewer Extension project through February 1, 2018 from the Bond Redemption and Improvement Fund. The Authority and engineer signed the document.

8. **OTHER BUSINESS**

- Last summer it was discovered that there are spare grinder pumps at the treatment plant that do not work. Teresa Beaver will contact Tom McGarvey to evaluate the grinder pumps and determine whether repairs are needed.
- Rick Weik updated the Authority about the WWTP's generator.
On January 5, 2018 office staff was notified that the wiring harness on the backup generator at the WWTP shorted out and burned up, causing the generator to fail. Presently, there is a rental generator in place. Rick Weik contacted Martin Energy Group who provided options for repair.
 - A new block heater can be installed and wired separately for \$5,000.00.
 - If the controller is then determined to be bad, a replacement will cost another \$8,300.00.
 - The cost for a whole new package will be \$20,000.
 - A new generator costs \$53,000.00 plus \$5,000.00 to install.

By consensus, the Authority authorized Rick Weik to pursue the issue with the operator, Steve Miller, who found the problem, Cummins, who installed the block heater in October 2017, and Martin Energy Group to correct the problem.

The Authority will investigate whether an insurance claim should be filed for the damage.

9. **ADJOURNMENT**

The **motion** by Mike Reed, seconded by Brian Kane was approved unanimously to adjourn the meeting at 8:50 PM.

WEST EARL SEWER AUTHORITY February 2018 Engineer's Report

1. DS Waters (**No Change from January Report**): The Authority issued a letter to DS Waters dated January 4, 2018 requiring installation of a flow limiting device to be installed by May 4, 2018.
2. LGH Sewer Connection (**No Change from January Report**): ETSA issued a letter to WESA dated January 5, 2015 indicating that ETSA is willing to continue discussions with WESA to provide sanitary sewer service to LGH. ETSA forwarded the final capacity evaluation study to WESA on February 7, 2017. LGH and ETSA had some communication regarding costs to connect to the ETSA system, but no decisions have been made by ETSA.
3. Lancaster County Career & Technology Center (**No Change from January Report**): LCCTC submitted a letter to the Authority dated April 26, 2011 indicating that they may be interested in connecting to the Authority's sanitary sewer facilities when public sewer facilities are installed adjacent to the LCCTC facility. LCCTC indicated that anticipated wastewater flows of approximately 3,000 – 4,000 gpd should be utilized for planning purposes.

4. Non-Residential Waste (NRW) Discharge Permit Program:
 - a. DS Waters: The NRW Permit will expire on August 31, 2019. BEL received the 4th quarter sampling results and issued a review letter dated January 25, 2018.
 - b. Zimco/American LaFrance: The NRW Permit will expire on December 31, 2019. BEL received the 4th quarter sampling results and issued a review letter dated January 23, 2018. The sampling results showed a dramatic increase in several strength of waste parameters.
 - c. The Authority had mailed correspondence to all non-residential customers requesting updated information and information has been coming into the Authority. Authority staff and BEL have been working to compile the information that has been received to date. BEL also drafted a letter for the Authority to send to all non-residential customers regarding discharge of fats, oils and greases into the Authority's system.
 - d. At the request of the Authority, BEL issued a NRW Permit Questionnaire to Oatman Properties who recently purchased the property located at 1805 Newport Road. BEL has not received a response.

5. PADEP Sewage Facilities Planning (**No Change from January Report**): BEL met with PADEP and Authority representatives on June 25, 2012 to discuss future sewer area planning as well as planning associated with the 2010 WWTF rerate. As a result of that meeting, PADEP has requested that the Authority submit a Special Study to address the WWTF rerate as well as the selected alternative for the Oregon Pike Sewer Extension project. At the July 2012 Authority meeting, the Authority authorized BEL to prepare and submit the Special Study to PADEP for these two projects.

BEL also confirmed with PADEP that the Authority could request Total Nitrogen (TN) off-sets for the Talmage Area and the Oregon Pike Area since the existing OLDS will be abandoned and all properties will be connected to the Authority's system. This means that the current TN loading limit included in the NPDES Permit for the WWTF can be increased by 25 lbs/year/EDU. BEL included the TN offset request information as part of the recently submitted WWTF NPDES Permit renewal.

6. Patti Martin Sewer Extension (**No Change from January Report**): BEL received a telephone call from the property owner questioning when and if public sanitary sewer service would be provided in the area of Millway Road. BEL indicated that filed survey work is being scheduled.
7. Creek Hill (**No Change from January Report**): BEL received and reviewed a sanitary sewer financial security reduction request dated November 13, 2017 from the developer requesting a 100% reduction to the financial security. BEL issued email correspondence to the developer dated November 22, 2017 outlining the sanitary sewer issues that have been outstanding and indicating that any further financial security reductions cannot be considered until the outstanding issues are resolved. The Authority previously authorized a 90% sanitary sewer financial security reduction in November 2015 to bring the remaining security to \$36,582.15.
8. Tapping Fee (**No Change from January Report**): The Authority approved the tapping fee of \$2,800.00 effective June 1, 2016.
9. Stone Barn Place (**No Change from January Report**): The Authority granted 8 EDU's of sanitary sewer capacity (2,120 gpd) at the September 2017 Authority meeting. The developer's consultant needs to address one minor sanitary sewer design issue and provide a sanitary sewer construction cost opinion for purpose of establishing the sanitary sewer financial security for the project.
10. Fairmount Homes WWTF (**No Change from January Report**): BEL received correspondence from Fairmount Homes' consultant indicating the Fairmount Homes is considering a building expansion that may require an expansion to their existing WWTF. The consultant stated that Fairmount Homes does not want to absorb the costs of expanding/upgrading their WWTF if public sanitary sewer service is going to be provided to the Farmersville Area. BEL responded on February 24, 2017 updating the Fairmount Homes consultant of the LGH project status.
11. Conestoga View Sewer Service: C&R Directional Boring, LLC, has installed the majority of the low-pressure sewer mains and manholes. The majority of sewer laterals to the right-of-way have also been installed. The contractor is proceeding with the remaining lateral installation and the Old Akron Road sewer main and manholes. The contractor had three work crews over the last month, so BEL had 2 construction observation people on site to review construction.

BEL has spent considerable time meeting with many property owners impacted by this project over the last month and will continue to attempt to assist property owners with placement locations for grinder pumping units and laterals. The Authority issued a letter to several property owners who have not installed stakes for grinder pumping unit/lateral locations and/or have not provided a Right of Entry Agreement.

C&R has submitted an Application for Payment No. 1 for work completed through February 1, 2018. **BEL has reviewed the Payment Application and recommends that the Authority authorize payment to C&R in the amount of \$319,835.70.**

12. WWTF NPDES Permit Renewal (**No Change from January Report**): The Authority's WWTF NPDES Permit will expire on January 31, 2016. BEL submitted the renewal application to PADEP on July 9, 2015 and PADEP issued the Draft NPDES Permit. BEL issued written comments to PADEP on July 15, 2016 regarding the Draft NPDES Permit.
13. Sewer Index Mapping: BEL provided the most recent Authority mapping to the Township for inclusion in the Township's CS Datum database.
14. Bobby Rahal Automotive Group: The Authority granted 8 EDU's of sanitary sewer capacity at the June 2017 Authority meeting and issued a capacity letter dated June 20, 2017. BEL received revised sanitary sewer design plans on February 5, 2018 and BEL is in process of reviewing those drawings.
15. Sewer Lateral Inspections: BEL has been performing sanitary sewer lateral inspections as necessary.
16. System Maintenance (**No Change from January Report**): At the May 2017 Authority meeting, the Authority requested that BEL prepare a sanitary sewer system maintenance schedule for the Authority's consideration. BEL prepared a draft schedule for the Authority's information and review and provided that to the Authority at the July 2017 Authority meeting.
17. PA One Calls: BEL responded to 21 PA One Calls since January 11, 2018.
18. Route 272 and Church Street Sanitary Sewer Manholes: The Contractor is scheduled to be completed with all work by the end of February. The manhole cleaning and patching has been completed and the lining inserts have been field measured for manufacturing. The manhole frame and cover replacement has been completed by Rock Road Construction, which was not part of the SWERP contract.
19. West Earl Township Building Sewer/Water Service: The Authority previously directed BEL to have C&R install the low pressure sanitary sewer line along Metzler Road and stub a lateral to the Township Building for future service connection.
20. Eagle View Pumping Station Driveway: BEL met with the adjoining property owner and provided copies of the access easement agreement as prepared by the Authority Solicitor. The property owner was instructed to coordinate signing of the documents and notarization with Teresa if there are no questions. Mr. Yoder did respond and indicated that he is not interested in signing the easement agreement. There are 2 sidewalk sections that are broken that need to be replaced. As discussed at the January 2018 Authority meeting, the Authority will replace the damaged sidewalk sections in the Spring.
21. Marlee Properties, LLC: The Authority granted sanitary sewer capacity for 3 EDU's at the January 2018 Authority meeting. The developer's consultant submitted a PADEP Planning Module Exemption package to the Authority for review.
22. 99 Rosewood Drive: The Authority granted sanitary sewer capacity for 1 EDU at the January 2018 Authority meeting, conditioned upon the developer/builder submitting sanitary sewer facility design information for review and approval. BEL has had several discussions and received email communication from the developer/builder regarding the sewer extension and it is clear that the builder is not familiar with low pressure sewer design requirements. Does the Authority want BEL to work with the developer/builder to design an adequate low-pressure sewer extension or prefer

that the developer/builder hire an engineer to design the facilities for review? Also, this project is unique in that no escrow account has been established since this project does not entail a subdivision or a land development plan.

23. Brownstown Business Center: BEL met with the property owner on January 12, 2018 regarding a proposed building modification/addition at 15 South State Street. The property owner is proposing to construct a "caretakers house" and modify the existing building office space into 2 long term rentals and up to 10 separate office spaces each with 1 or 2 employees. BEL informed the property owner of the Authority's requirements and recommended that they submit a letter to the Authority outlining the details of the project and requesting sanitary sewer capacity. To date, BEL has not received any information from the property owner.
24. 3888 Oregon Pike: The property owner constructed a new home and plans on demolishing the existing home which contained 2 EDU's. The sanitary sewer facilities were installed without being witnessed by the Authority or BEL. BEL witnessed a pressure test on February 1, 2018. BEL indicated to the property owner that he needs to provide a drawing detailing the sanitary sewer facilities that were abandoned and installed as part of the project.
25. 126 West Metzler Road Sewer Lateral: BEL was notified that the property owner's plumber contacted the Authority about a potential sewer lateral issue. BEL visited the site and discussed this issue with the plumber. BEL will coordinate televising of the sewer lateral with C&R to determine the integrity of the lateral.