

**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, August 9, 2017. Chairman Mike Reed called the meeting to order at 7:02 PM.

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

1. **MINUTES**

The *motion* by Don Eckel, seconded by Rick Weik was approved unanimously to accept the minutes of the July 12, 2017 regular meeting of the West Earl Sewer Authority as presented.

2. **PUBLIC COMMENT**

- **Joseph O’Hara, 12 North Conestoga View Drive**, asked the Authority for direction in the placement of the grinder station at his property. The engineer took his phone number and will schedule a time to meet on-site at the homeowner’s convenience. Mr. O’Hara also asked for the cost of the electrical inspections. He was informed that there are three inspectors who are authorized to work in West Earl Township, and he should contact each for their individual rates.
- **Mahlon Zimmerman, 204 South Conestoga View Drive**, asked the authority about adding laterals for additional lots should he decide to subdivide his property for future development. The engineer and Authority asked Mr. Zimmerman to present his intentions regarding a subdivision to the Authority in writing.

3. **Gerry Horst**, developer for the Creek Hill project, asked the engineer to clarify the information requested for the **record drawings** for the project. He was informed that electrical lines, cable lines, etc. must be identified and labeled on the as-built plans and this information should be available from the contractor. Additionally, Mr. Horst confirmed that the repair of the segment of the gravity sanitary sewer line where the slope was less than allowable has been completed and has passed the vacuum testing. BEL reminded the developer that the engineer’s comments from November 14, 2016 have not yet been addressed. Once these items have been addressed, and the record drawings are satisfactorily submitted, the Authority will accept dedication of the sewer lines.

4. **TREATMENT PLANT OPERATOR**

Mike Reed welcomed Michelle Bachman, the new WWTP operator. Prior to the meeting, she was introduced to each of the Authority members.

5. **ENGINEER’S REPORT**

See attachment

Non-Residential Waste Discharge Permit Program

ZIMCO – Quarterly sampling indicates that no pollutants have exceeded the permitted limits.

DS Services - Quarterly sampling indicates that pH levels were again outside the range of allowable pH levels. Daily flows as well as instantaneous maximum permitted flow limits were

exceeded. BEL will contact DS Services and tell them that WESA is losing patience and needs a resolution to the continued exceedances.

Conestoga View Sewer Extension – BEL will schedule the pre-construction conference with the contractor and has been reviewing show drawing submittals.

- The Authority received a letter from **Nathan and Jodi Martin** who intend to build a home on a lot located along Millway Road. Mr. & Mrs. Martin asked whether the Authority would install the grinder station during this expansion so it is available when they begin construction. The Authority explained that installation is possible, but the pump should not remain idle for an extended period of time. The Authority has no problem with installation of the station for the new home, but requested a letter from the homeowner itemizing their process and time-line. By **unanimous consensus**, the Authority agreed to pass this letter onto the solicitor before the next meeting, to draw up any pertinent agreements or disclosures between the two parties.
- The owner of **Roxanne's Flowers** submitted the Non-Residential Waste Questionnaire. Citing minimal sewer usage, the owner requested a single use for the business on the ground floor and the apartment on the second floor. The **motion** by Don Eckel, seconded by Mike Reed, was approved unanimously to **deny the single use request**, based on the Tapping Fee Resolution. The Authority will request that the solicitor compose the response letter to the owner of the property.

PA One Calls– BEL has been responding to PA One Calls during the transition period for with a new plant operator. They will continue to do so until the new operator is sufficiently trained to handle the task.

Route 272 and Church Street Sanitary Sewer Manholes – There are three manholes that are in poor condition and should be considered for repair. BEL opined that in place composite lining repair is a viable alternative. The authority discussed the repair and has decided to proceed. The **motion** by Mike Reed, seconded by Don Eckel, was approved unanimously to **put the job out for bid** for an in place composite lining repair. The engineer will proceed with the bid process.

6. **CORRESPONDENCE**

- The treasurer's report was distributed to the Authority for review.
- The MOR for June, received from Cawley Environmental Services on August 3, 2107 was presented for review by the Authority.

7. **BILLS**

The **motion** by Dave Noyes, seconded by Mike Reed was approved unanimously to pay total monthly operating expenses of \$29,997.06.

8. **PAYMENT REQUISITIONS**

The **motion** by Don Eckel, seconded by Mike Reed was approved unanimously to authorize payment **Requisition No. 186** for \$29,997.06 to pay operating expenses. The Authority and engineer signed the document.

9. **OTHER BUSINESS**

None

10. **ADJOURNMENT**

The *motion* by Mike Reed, seconded by Don Eckel was approved unanimously to adjourn the meeting at 8.02 PM.

WEST EARL SEWER AUTHORITY

August 2017 Engineer's Report

1. DS Waters: As previously discussed with the Authority, DS Waters flows continue to exceed their maximum allowable daily flow of 61,250 gpd as well as their instantaneous maximum flow of 200 gpm. BEL and the Authority met with DS Waters on July 27, 2016. DS Waters provided a letter to the Authority dated October 11, 2016 indicating that their flow reduction strategies should be in place by early December 2016. DS emailed an update on December 22, 2016 to BEL indicating that all of the improvements have been completed but they are still in process of modifying their softening process to maximize the flow between backwashes. DS Waters feels that they should be able to double the flow through the softeners while continuing to maintain the same number of backwash cycles which would result in lower wastewater flows. BEL issued a letter to DS Waters on May 15, 2017 requesting an update on the results of their internal project and DS Waters provided an email response on July 11, 2017 indicating they are still fine tuning their processes to reduce the amount of wastewater being discharged to the Authority's sanitary sewer system.
2. LGH Sewer Connection **(No Change from July 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.
3. Lancaster County Career & Technology Center **(No Change from July 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 2nd quarter sampling results and issued a review letter dated August 3, 2017.
 - b. Zimco/American LaFrance: The NRW Permit will expire on December 31, 2019. BEL received the 2nd quarter sampling results and issued a review letter dated August 2, 2017.
 - 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 July 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 July 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: All sanitary sewer construction and testing has been completed. The Authority authorized a reduction to the sanitary sewer financial security reduction from \$281,693.50 to \$36,582.15 at the November 2015 Authority meeting. BEL received sanitary sewer Record Drawings and issued a review letter dated November 14, 2016. The developer's contractor corrected the section of gravity sanitary sewer line which had been installed at a slope less than permitted by PADEP on July 10, 2017 and the 2 affected manholes need to be vacuum tested.
8. Tapping Fee **(No Change from July Report)**: The Authority approved the tapping fee of \$2,800.00 effective June 1, 2016.
9. Stone Barn Place **(No Change from July Report)**: The Authority granted 8 EDU's of sanitary sewer capacity (2,120 gpd) at the July 2015 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 July 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. Hess Property **(No Change from July Report)**: BEL received several inquiries from M.L. Saxinger and Associates regarding sewer service and capacity for a proposed project located behind the Newport Road Pumping Station.
12. Conestoga View Sewer Service: At the June 2017 Authority meeting, the Authority authorized award of the construction contract to C&R Directional Boring, LLC, including all alternates, at a cost of \$1,962,193.00 and authorized execution of the construction contracts. BEL is in process of scheduling a preconstruction conference with the contractor and has been reviewing shop drawing submittals.

The Authority received a letter from Nathan and Jodi Martin who own a vacant lot along Millway Road dated July 24, 2017. The contract documents include a lateral to be stubbed for this vacant property but the property owner may be requesting that the Authority provide a grinder pumping unit.

The owner of the Roxanne's Flower Shop property submitted the required Non-Residential Waste Questionnaire and has requested that the Authority consider the property as a single use property, even though there is a commercial business and an apartment located on the property. BEL recommends that the Authority take formal action on the request.

13. WWTF NPDES Permit Renewal **(No Change from July 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.
14. Sewer Index Mapping **(No Change from July Report)**: The Authority authorized BEL to update the sewer index mapping at the May 2015 Authority meeting. BEL provided a draft map to the Authority staff for review.

15. Hoover Heights **(No Change from July Report)**: BEL received revised sanitary sewer drawings and issued a sanitary sewer review letter dated April 11, 2017.
16. Bobby Rahal Automotive Group **(No Change from July Report)**: 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.
17. Manco Property and Cocalico Creek Realty Properties **(No Change from July Report)**: On March 30, 2017, West Earl Township requested that BEL attend a meeting with representatives interested in purchasing these properties for 2 separate business relocations with respect to sanitary sewer service. These properties are located behind the proposed Bobby Rahal Automotive Group project site and adjacent to the Authority's Cocalico Creek Road Pumping Station. BEL provided the representatives with information regarding sanitary sewer capacity availability, method of sanitary sewer service, etc. BEL will provide more information to the Authority at the April Authority meeting.
18. Sewer Lateral Inspections: BEL has been performing sanitary sewer lateral inspections as necessary.
19. System Maintenance: 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.
20. PA One Calls: BEL responded to 13 PA One Calls since the July 2017 Authority meeting and provided documentation to the Authority for each One Call.
21. Route 272 and Church Street Sanitary Sewer Manholes: BEL completed a site review of the sanitary sewer manholes from the Newport Avenue/Cocalico Creek Road Pumping Station Force Main discharge manhole to the Church Street Pumping Station. It appears that 3 of those manholes are in poor condition and should be considered for repair. BEL evaluated 2 options: cured in place composite lining repair or full manhole replacement. The construction cost for the cured in place composite lining repair is estimated to be approximately \$54,000 - \$62,000 while the full replacement option is estimated to be approximately \$98,000 - \$105,000. It is BEL's opinion that the manholes are in a condition where the cured in place composite lining repair is a viable alternative and should be considered by the Authority.