

**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 8, 2017. Chairman Mike Reed called the meeting to order at 7:00 PM.

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

1. **MINUTES**

The *motion* by Don Eckel, seconded by Brian Kane was approved unanimously to accept the minutes of the January 11, 2017 regular meeting of the West Earl Sewer Authority as presented.

2. **PUBLIC COMMENT**

None

3. **ENGINEER'S REPORT**

See attachment

LGH – BEL completed their evaluation of the Ephrata Township Sewer Authority (ETSA) collection and conveyance system as it relates to the proposed connection of the LGH facility. WESA obtained copies of the letter that was sent to ETSA regarding the evaluation.

Non-Residential Waste

ZIMCO- BEL completed their review of ZIMCO's Quarterly Sampling. Again, several pollutants have exceeded the permitted limits. BEL has recommended that Zimco determine the origin of the pollutants and reduce or eliminate them as required by the NRW permit.

DSWaters – BEL completed their review of DSWaters' Quarterly Sampling. Again, several pH levels were outside the range of allowable pH levels. Additionally, there were 33 days when flows again exceeded the daily permitted flow limit of 61,250 gpd, and 262 occurrences where the flows exceeded the instantaneous maximum permitted flow limit of 200 gpm. Flows did come down in the latter part of December after modifications had been made to their system. The first full quarter in 2017 will give a better overall picture of the effect that their modifications have made.

Conestoga View Sewers – BEL anticipates having the permit applications for signatures at the March 8, 2017 Authority meeting.

Bobby Rahal Automotive Group – BEL reported that, although \$10,000 escrow was posted for this proposed project, the Authority has not been requested to provide input on the preliminary project layout or sanitary sewer design.

Chapter 94 – BEL has begun to collect information for the annual Chapter 94 report that is due March 31st.

4. **CORRESPONDENCE**

- Copies of the **Monthly Operator's Report** were distributed to the Authority for review.
- Copies of the December 31, 2016 **Treasurer's Reports** were distributed to the Authority.

5. **BILLS**

The *motion* by Don Eckel, seconded by Rick Weik was approved unanimously to pay total monthly operating expenses of \$47,680.25.

6. **PAYMENT REQUISITIONS**

The *motion* by Brian Kane, seconded by Rick Weik was approved unanimously to authorize payment **Requisition No. 180** for \$47,680.25 to pay operating expenses. The Authority and engineer signed the document.

The *motion* by Rick Weik, seconded by Brian Kane was approved unanimously to authorize payment **Requisition No. 24** for \$12,017.90 to pay expenses from the Bond Redemption and Improvement Fund for Engineering expenses associated with the Conestoga View Sewer Extension project. The Authority and engineer signed the document.

7. **OTHER BUSINESS**

- Again, the Authority asked BEL if the **pipe slope problem** has been resolved between manholes CH-11 and CH-12 in the **Creek Hill development**. The engineer said that the developer has not yet addressed the problem.
- Chairman Reed mentioned that he went to **Dogwood Drive** to see how the lots are configured and what the grinder pump connection possibilities may be at this location. He recognized that these homes could present a challenge in connecting the grinder pump basins. The engineer concurred and said there were similar challenges for the Oregon Pike extension. BEL will look into this area more closely and bring the information to the March 8, 2017 meeting for further discussion.
- The *motion* by Mike Reed, seconded by Rick Weik was approved unanimously to add **Brian Kane as an authorized signer** on all of the Sewer Authority accounts. Teresa Beaver will contact ENB for the necessary paperwork for next month's meeting.
- The ZHB approved a 1 chair **beauty salon at 2 Circle Rock Drive**. The *motion* by Don Eckel, seconded by Mike Reed was approved unanimously to authorize 1 additional EDU at this location to accommodate the business and to invoice the owner for the tapping fee which is currently \$2,800.00.

8. **ADJOURNMENT**

The *motion* by Mike Reed, seconded by Don Eckel was approved unanimously to adjourn the meeting at 7:31 PM.

WEST EARL SEWER AUTHORITY February 2017 Engineer's Report

1. **DS Waters (No Change from January Report):** 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.

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 indicated that WESA/LGH needs to agree in writing to pay for all of ETSA's costs in the evaluation of the ETSA existing facilities before any work will be commenced on the evaluation. The WESA Solicitor subsequently issued a letter to LGH's legal counsel on January 8, 2016 requesting that LGH agree to the terms that ETSA has presented for the evaluation.

LGH forwarded a letter and escrow check to the Authority dated July 21, 2016. The Authority subsequently issued a letter to ETSA dated August 3, 2016.

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 30, 2017.
 - 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 17, 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 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)**: 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.
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 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 January Report)**: BEL received a telephone call from Fairmount Homes regarding the status of public sanitary sewer service for the Farmersville Area. Fairmount Homes is in the process of renewing their WWTF NPDES Permit and will be faced with a WWTF expansion/upgrade or connect to public sanitary sewer service at some point in the future. Fairmount Homes indicated that they do not want to spend hundreds of thousands of dollars to expand/upgrade their WWTF and then have to connect to public facilities immediately thereafter. There is no action required by the Authority at this time.
11. Hess Property **(No Change from January 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: BEL submitted the Act 537 Special Study to PADEP, including the revised Township ordinance approving submission of the Act 537 Study. BEL provided the Authority with a preliminary project schedule along with information that was provided to the Oregon Pike Sewer Extension Project property owners for review and discussion at the October 2016 Authority meeting. BEL also met with the Myers Grinder Pump manufacturer's representative to discuss project specifications and we continue work on the design of the low pressure sanitary sewer system. The construction design drawings, construction specifications and PADEP Part II Water Quality Management (WQM) Permit Application have been prepared. BEL is in process of finalizing the hydraulic design calculations and after that has been completed, BEL will forward copies of the design drawings to WEWA, the Township and WESA staff for review. After all parties have reviewed the design layout, BEL will finalize the design and submit the PennDOT Highway Occupancy Permit application, the PADEP General Stream Crossing Permit application and the PADEP Part II WQM Permit application.
13. 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.
14. Sewer Index Mapping **(No Change from January 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. Phase 3, East Main Street Stormwater Project **(No Change from January Report)**: The sanitary sewer work has been completed. BEL has requested that the Township's design consultant provide as-built drawings to the Authority.
16. Hoover Heights **(No Change from January Report)**: BEL received revised sanitary sewer drawings and issued a sanitary sewer review letter dated September 28, 2016.
17. Bobby Rahal Automotive Group: BEL received correspondence for a potential project adjacent to Route 272. At this time, the project appears to be in the very preliminary stages and the Authority has not been requested to provide input on the preliminary project layout or sanitary sewer design considerations.