

**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, July 12, 2017. Chairman Mike Reed called the meeting to order at 7:01 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 Rick Weik, seconded by Brian Kane was approved unanimously to accept the minutes of the June 14, 2017 regular meeting of the West Earl Sewer Authority as presented.

2. **PUBLIC COMMENT**

None

3. **ENGINEER'S REPORT**

See attachment

Creek Hill – On July 10, 2017, the developer repaired the segment of the gravity sanitary sewer line where the slope was less than allowable.

Conestoga View Sewer Extension – the Authority **executed contracts** with C&R Directional Boring, LLC that were approved at the June 14, 2017 meeting.

Public meetings for the project were held at 9 AM on Saturday, July 8, 2017 and at 6 PM on Tuesday, July 11, 2017. Both meetings were well attended. Property owners had the opportunity to see the grinder station and pump, and ask questions about their specific properties as well as general questions about the project.

System Maintenance – BEL distributed a draft maintenance log for the Authority's review. The Authority's intention is to provide the new plant operator with a maintenance schedule for implementation.

West Metzler Road Manhole –ABEL Construction completed repair of the manhole at 126 W Metzler Road on June 19, 2017.

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 will budget for this repair in 2018-2019.

WWTF Operator Interviews – Mike Reed updated the Authority on the interviews. The position was offered to one of the candidates, but the applicant turned it down.

4. **CORRESPONDENCE**

- The treasurer's report was distributed to the Authority for review.

5. **BILLS**

The *motion* by Rick Weik, seconded by Brian Kane was approved unanimously to pay total monthly operating expenses of \$33,577.57.

The **motion** by Dave Noyes, seconded by Brian Kane was approved unanimously to pay escrow expenses of \$690.00 for the Bobby Rahal and LGH projects.

6. **PAYMENT REQUISITIONS**

The **motion** by Rick Weik, seconded by Don Eckel was approved unanimously to authorize payment **Requisition No. 185** for \$33,577.57 to pay operating expenses. The Authority and engineer signed the document.

The **motion** by Brian Kane, seconded by Mike Reed was approved unanimously to authorize payment **Requisition No. 29** for \$6,064.60 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**

- The Authority prepared a written request for the BOS to consider waiving the permit fees to residents for the electrical permits required for the Conestoga View project. The request will be presented at the July 24, 2017 BOS meeting.
- As a means to store and access MS4 information, West Earl Township is using **CSDatum**. The township asked if the Sewer Authority would like to include the sewer facilities in the data base and share in the proportionate cost. The Authority is not opposed to including the **sewer infrastructure**, but would like to know the cost.

8. **ADJOURNMENT**

The **motion** by Mike Reed, seconded by Don Eckel was approved unanimously to adjourn the meeting at 8.01 PM.

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July 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 but has not heard back from DS Waters.
2. LGH Sewer Connection **(No Change from June 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 June 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 **(No Change from June Report)**:
 - a. DS Waters: The NRW Permit will expire on August 31, 2019. BEL received the 1st quarter sampling results and issued a review letter dated May 1, 2017.
 - b. Zimco/American LaFrance: The NRW Permit will expire on December 31, 2019. BEL received the 1st quarter sampling results and issued a review letter dated April 28, 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 June 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 June 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.
8. Tapping Fee **(No Change from June Report)**: The Authority approved the tapping fee of \$2,800.00 effective June 1, 2016.
9. Stone Barn Place **(No Change from June 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 June 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 June 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 has received the construction contracts which can be executed at the July Authority meeting.
13. WWTF NPDES Permit Renewal **(No Change from June 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 June 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 June Report)**: BEL received revised sanitary sewer drawings and issued a sanitary sewer review letter dated April 11, 2017.
16. 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.
17. Manco Property and Cocalico Creek Realty Properties **(No Change from June 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 has prepared a draft schedule for the Authority's information and review and will provide that at the July Authority meeting.
20. West Metzler Road Sanitary Sewer Manhole: Abel Construction was on site on June 19, 2017 to repair the damaged sanitary sewer manhole in front of 126 West Metzler Road.
21. PA One Calls: BEL responded to 11 PA One Calls since the June 2017 Authority meeting and provided documentation to the Authority for each One Call.
22. 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 \$52,000 - \$60,000 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.
23. WWTF Operator Interviews: BEL was requested to attend interviews for 2 potential WWTF operators on June 28, 2017.