

MEETING MINUTES – March 8, 2017

**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, March 8, 2017. Chairman Mike Reed called the meeting to order at 6:59 PM.

**Authority members present:** Rick Weik, Brian Kane, 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 to accept the minutes of the February 8, 2017 regular meeting of the West Earl Sewer Authority as presented. Having been absent from the February 8, 2017 meeting, Dave Noyes abstained.

2. **PUBLIC COMMENT**

None

3. **ENGINEER'S REPORT**

**See attachment**

*LGH* – BEL has had no further communication regarding this proposed project.

*Creek Hill* – BEL received a proposal from the developer's consultant (Robert Gabriel & Associates, Inc.) for correcting the slope problem between Manholes 11 and 12. The consultant proposes excavation between the two manholes to increase the slope to PADEP requirements. The Authority approved the proposed correction, which will include vacuum testing. BEL will contact Robert Gabriel & Associates, Inc. with the Authority's approval.

*Fairmount Homes* – BEL responded to Fairmount Homes' inquiry about public sanitary sewer in the Farmersville area. LGH and WESA have an executed agreement for LGH to extend public sewer service from the WESA WWTP to the LGH site along Route 322. BEL explained that there are no immediate plans for WESA to provide public sanitary sewer facilities in that area, and currently LGH is evaluating the possibility of connecting to the Ephrata Township Sewer Authority's sanitary sewer system in Route 322.

*Conestoga View Sewer Extension* – Previously, the board briefly discussed the challenges for connecting a number of homes on Dogwood Drive. At this meeting, BEL presented information about these homes' elevations. Due to the slope of the area, a number of homes will need to place their grinder tanks in the rear of the properties, which will exceed the 30 ft. of pipe that the Authority has historically granted for grinder pump connections. In the interest of uniformity, the Authority decided to offer 30 feet to every homeowner for connection.

BEL presented a map that showed the impacted properties for the project and asked for direction about a few issues.

- There are a few properties within the new project area that are currently connected to Akron Borough's public sewer system. **The Authority will not require these properties to switch to the West Earl Sewer System.**
- The commercial properties within the project area will use a **duplex grinder pump.**

- The Authority is in favor of providing a **stub for vacant lots** for potential future development.
- BEL also identified a few properties that have structures **greater than 150 feet from the sewer line**; these properties will not be required to make connection to the new extension.

***PADEP Part II Water Quality Management (WQM) Permit Application:***

The *motion* by Don Eckel, seconded by Brian Kane was approved unanimously to authorize Chairman Mike Reed to execute the PADEP Part II Water Quality Management (EQM) Permit Application prepared by BEL and to authorize its submission to DEP. Chairman Mike Reed signed the document.

***PADOT Highway Occupancy Permit Application:***

The *motion* by Brian Kane, seconded by Dave Noyes was approved unanimously to authorize Chairman Mike Reed to execute the PADOT HOP application prepared by BEL and to authorize its submission to PA DOT. Chairman Reed signed the document.

***Bobby Rahal Automotive Group*** – BEL completed a review of the Sketch Plan for this proposed project. Because the proposed project is in very preliminary planning stages, the engineer’s review was very general and identified very broad issues for consideration. The engineer recommended that (1) no site improvements be located within the existing Authority sanitary sewer easement; the Authority may want to consider requiring additional easement privileges through Lot 1 to access the force main. (2) Unless significant wastewater is generated, sufficient sewer capacity should be available to accommodate this proposed project. (3) The consultant should evaluate long term sanitary sewer service options for all existing/proposed lots. (4) Sanitary sewer provisions should be provided for the 222 Dutch Lanes, Inc. (5) All non-residential customers must adhere to the Authority’s non-Residential waste Discharge Program.

***Chapter 94*** – The *motion* by Don Eckel, seconded by Brian Kane was approved unanimously to authorize submission of the completed Chapter 94 report. The chairman and engineer signed the report.

4. **CORRESPONDENCE**

- Email communications re: Creek Hill - distributed to the Authority.
- Email communications re: Fairmount Homes - distributed to the Authority
- DEP Approval letter for Conestoga View Sewer extension – distributed to the Authority
- BEL’s sketch plan review for the Bobby Rahal Automotive Group Project – distributed to the Authority
- Copies of the **Monthly Operator’s Report** were distributed to the Authority for review.
- Copies of the January 31, 2017 **Treasurer’s Reports** were distributed to the Authority.

5. **BILLS**

The *motion* by Rick Weik, seconded by Don Eckel was approved unanimously to pay total monthly operating expenses of \$25,675.40.

The *motion* by Don Eckel, seconded by Brian Kane was approved unanimously to pay escrow expenses of \$2,170.00 for the Bobby Rahal Automotive Group Project and the LGH project.

6. **PAYMENT REQUISITIONS**

The *motion* by Dave Noyes, seconded by Brian Kane was approved unanimously to authorize payment **Requisition No. 181** for \$25,675.40 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. 25** for \$6,532.85 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 signed documents from ENB to add Brian Kane as an authorized signer on the ENB accounts.

8. **ADJOURNMENT**

The *motion* by Don Eckel, seconded by Brian Kane was approved unanimously to adjourn the meeting at 8:18 PM.

## **WEST EARL SEWER AUTHORITY**

### **March 2017 Engineer's Report**

1. **DS Waters (No Change from February 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:** 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 February 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 February Report):**
  - a. **DS Waters:** The NRW Permit will expire on August 31, 2019. BEL received the 4<sup>th</sup> 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 4<sup>th</sup> 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 February 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 February 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 consultant recently provided a proposal for correcting the section of gravity sanitary sewer line which has been installed a slope less than permitted by PADEP. BEL will provide information for discussion at the March Authority meeting.
8. Tapping Fee **(No Change from February Report)**: The Authority approved the tapping fee of \$2,800.00 effective June 1, 2016.
9. Stone Barn Place **(No Change from February 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: 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 February 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: The construction design drawings, draft construction specifications and low pressure sewer system hydraulic design are nearly complete. BEL has prepared the PADEP Part II Water Quality Management (WQM) Permit Application and the PennDOT Highway Occupancy Permit Application and is requesting that the Authority authorize execution of the permit applications by the Chairman and authorize submission to PADEP and PennDOT at the March Authority meeting. A check in the amount of \$100.00 made payable to the Commonwealth of Pennsylvania is required for the PADEP submission and there is no application fee for the PennDOT submission.

BEL has verified that PADEP General Permit 5 permits are not going to be required for this project for the stream/culvert crossings in Millway Road. BEL will forward copies of the design drawings to WEWA, the Township and WESA staff for review concurrent with the agency reviews of the permit applications.

As discussed at the February 2017 Authority meeting, BEL will be presenting Dogwood Drive sewer lateral alternatives to the Authority for discussion at the March Authority meeting. BEL will also be asking the Authority to provide direction for the following: providing sewer lateral stubs to vacant properties; providing sewer lateral stubs to properties whose owners have requested service but whose properties have not yet been developed; providing sewer service to properties that are currently connected to Akron Borough. BEL will bring mapping along to assist with Authority discussions regarding these issues. None of these issues need to be addressed prior to submission of the PADEP WQM Permit Application or the PennDOT HOP Application.

13. WWTF NPDES Permit Renewal **(No Change from February 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 February 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 February 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 February 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. The Township had requested that BEL provide preliminary sanitary sewer review comments to the developer's consultant with respect to the proposed sketch plan. BEL provided a letter to the Township dated February 17, 2017 and also attended a meeting with Township representatives on March 1, 2017 at the request of the Township to discuss sanitary sewer planning alternatives. BEL will provide more information to the Authority at the March Authority meeting.
18. 2016 Chapter 94 Report: BEL completed the 2016 Chapter 94 Annual Wasteload Management Report and emailed the draft report to the Authority on February 28, 2017 for review and comment. BEL is requesting that the Authority approve the 2016 Chapter 94 Report and authorize submission to PADEP at the March Authority meeting. BEL will incorporate any Authority comments into the final report prior to submission to PADEP.