

SPRING-BENNER-WALKER JOINT AUTHORITY

REGULAR MEETING

July 25, 2022

ATTENDANCE:

AUTHORITY MEMBERS:	Spring	Joseph Galbraith Richard Kuzemchak Rodney Maney Christie McMurtrie
	Benner	Brian Book Dan Hoffman Willis Houser, Jr.
	Walker	Dennis McDowell Joseph Swanderski

GUESTS: None present

EXECUTIVE DIRECTOR: N. Warren Miller

EMPLOYEES: Will Barton & Kelly Gill

CALL TO ORDER:

The July 25, 2022, Regular Meeting of the Spring-Benner-Walker Joint Authority was called to order at 7:00 P.M. by Dennis McDowell, Chairman. Mr. McDowell thanked everyone for attending and stated that the meeting would be recorded for transcription purposes.

ROLL CALL:

Joseph Swanderski, Secretary, took Roll Call, recording nine members present. Mr. McDowell, Chairman, noted that with a quorum present, the Spring-Benner-Walker Joint Authority was permitted to conduct business under the laws of Pennsylvania.

PLEDGE OF ALLEGIANCE:

Mr. McDowell, Chairman, led the Board members and Employees in the Pledge of Allegiance.

APPROVAL OF MEETING MINUTES:

Mr. McDowell asked the Board if there were any questions and/or changes to the July 11, 2022 meeting minutes as presented. **Mr. Galbraith moved, seconded by Mr. Maney to approve the Minutes of the July 11, 2022 Regular Meeting as presented.** 9 ayes, 0 nays. **The motion carried.**

CORRESPONDENCE:

PennTerra Engineering, Inc. - We received an email from Lee Slusser, AICP, of PennTerra Engineering, Inc. requesting a letter of intent to provide sewer service for the new Greater Buffalo Run Valley United Methodist Church at 112 Trinity Court in Benner Township. The Greater Buffalo Run Valley United Methodist Church project will be for 1.00 EDU. *Mr. Slusser was provided with a letter of intent for 1.00 EDU for the proposed project in Benner Township on July 21, 2022.*

PennTerra Engineering, Inc. - We received an email from Lee Slusser, AICP, of PennTerra Engineering, Inc. requesting a letter of intent to provide sewer service to lot 3B of the Benner Pike Hotel project in Benner Township. Mr. Slusser indicated there are no plans for lot 3B at this time, but the Centre County Planning Office is requiring the developer to obtain a letter of intent for sewer service to the property. *Mr. Slusser was provided with a letter of intent for lot 3B of the Benner Pike Hotel project in Benner Township on July 21, 2022.*

FINANCIAL REPORTS:

Treasurer's Report: Mr. McMurtrie reviewed the financial reports for the period ending 06/30/2022. Mr. McDowell asked if there were any questions regarding the Treasurer's Report. **Mr. Book moved, seconded by Mr. Maney to approve the Treasurer's Report as presented.** 9 ayes, 0 nays. **The motion carried.**

APPROVAL OF PAYMENTS:

Approval of Requisitions:

Revenue Fund Requisition 2020-55— Mr. McMurtrie presented the Board with Revenue Requisition #2020-55 in the amount of \$63,491.65. Mr. McDowell asked if there were any questions regarding the presentation of Revenue Fund Requisition 2020-55. **Mr. Book moved, seconded by Mr. Swanderski to approve Revenue Requisition 2020-55 payable to SBWJA in the amount of \$63,491.65.** 9 ayes, 0 nays. **The motion carried.** Mr. Book referenced the invoice from Gwin, Dobson & Foreman engineers for the litigation associated with the Shiloh Road Sewer Extension project and asked if those fees were outside of the design contract and Mr. Miller stated yes. Mr. Book then asked if there was a limit set and Mr. Miller stated no, the Board did not establish a limit.

GUESTS: There were no Guests present for the meeting.

EXECUTIVE DIRECTOR'S REPORT:

Centre County Grange Fair (Pump Station Rebuild) Update – Mr. Miller informed the Board that last year discussions were held about assisting the Centre County Grange Fair with rebuilding their sewage pump station. The work is scheduled for the week of August 1st and should take about a week to complete. Mr. Miller indicated this will allow for easier maintenance going forward.

OLD BUSINESS:

Overview of Services Provided to the Benner Township Water Authority – The Authority Board was provided with a detailed description of the maintenance labor (hours) provided and equipment used/billed to the Benner Township Water Authority for the 2nd quarter of 2022. Mr. McDowell asked if there were any questions regarding the information provided.

Mr. Houser referenced the mowing work completed for the Water Authority and asked if we should be charging for use of the lawn equipment (mower, trailer, etc.). Mr. Miller stated it was an oversight and will be included with all billings going forward. Mr. Galbraith asked Mr. Miller if he thought we should be charging a fuel surcharge due to the increasing fuel prices. Mr. Miller stated that most work is completed on the Water Authority's systems while we are in the area completing work for SBWJA (ie. checking pump stations) and very few extra trips are made to the water systems. Mr. Barton also indicated that the time tracked for labor hours is slightly elevated to accommodate for this type of work.

Mr. Miller stated that with the 2022 budget year, the Authority Board had established a goal of earning 15% above expenses for all work being completed for the Benner Township Water Authority and indicated we are currently making just above 15% on the tasks completed for the Water Authority to date.

Township Act 537 Plans – Mr. Book stated he had a question about the Act 537 Plans for each of the Townships. He then asked if we want to have our engineer review all three of the current Act 537 Plans and give us a report on anything we should do? Mr. Book stated that when he and Mr. Galbraith attended Spring Township's meeting in July, a comment was made about all of the work being done in Benner Township, but not for the other Townships. Mr. Book responded by stating that his understanding is that once the Shiloh Road project is complete all areas in all three Township's approved Act 537 plans will be completely addressed. Mr. Book stated that it may be a good idea to have the Authority's engineer complete a review of each of the approved Act 537 Plans and determine if there are any areas outstanding that need addressed. Mr. Swanderski asked Mr. Miller to obtain a price from Gwin, Dobson & Foreman to complete the review.

Mr. Miller stated he believes that once the Shiloh Road project is complete all areas will be addressed within Spring and Benner Townships. Mr. Miller also added Hublersburg in Walker Township has not been addressed. Mr. Book stated he believes our engineer's independent opinion will be better received by the Townships. **Mr. Book moved, seconded by Mr. Galbraith to authorize Gwin, Dobson & Foreman to complete an independent review of the current Act 537 Plans for Spring, Benner and Walker Townships to determine if there are any remaining areas needing addressed at a cost not to exceed \$2,500.00. 9 ayes, 0 nays. The motion carried.**

NEW BUSINESS:

SBWJA Rules and Regulations Section 15400 (Grease Interceptors) – Mr. Miller stated that over the past several years we have spent time developing a list of businesses on our sewer system that have grease interceptors and reviewing our rules and regulations as they pertain to the maintenance of the grease interceptors. During this time, it was determined that our current rules and regulations are lacking in terms of ongoing maintenance. As a result, Mr. Miller reviewed rules and regulations of sewer authorities throughout the Commonwealth and is recommending changes to the Authority's current rules and regulations as it pertains to grease interceptors. The changes are noted in red ink and were provided to the Authority Board for their review and approval. Mr. Miller explained the importance of properly maintaining the grease interceptors and the damage that can be caused when maintenance is lacking. **Mr. Galbraith moved, seconded by Mr. McMurtrie to approve revisions to SBWJA's rules and regulations, Section 15400 (Grease Interceptors), as presented and made a part of these official meeting Minutes. 9 ayes, 0 nays. The motion carried.**

QUESTIONS FOR THE EXECUTIVE DIRECTOR:

Spring Township Water Authority's Water Storage Tank (Witherite Road) – Mr. Galbraith expressed concern with the work being done at Spring Township Water Authority's (STWA) water storage tank along Witherite Road since our antennas are located there for SCADA alarm transmissions and asked Mr. Miller if he knows what work is being completed. Mr. Miller stated he believes that a shed was installed to move STWA's equipment from the pit. Mr. Barton stated they are also installing an internal mixing system.

Mr. Miller informed the Board that he has authorized an antenna reception evaluation through our telemetry engineer to determine if the proposed pump station within the Big Hollow, Shiloh Road Sewer Extension project, will be able to communicate with the antennas on the STWA's tank. We may need to relocate our SCADA equipment to the Benner Township Water Authority's water storage tank at Hampton Hills to accommodate transmissions once the Shiloh Road project is complete. A radio test will need completed to verify if the transmissions will be successful.

COMMITTEE REPORTS:

Personnel & Community Relations Committee: Mr. Hoffman had nothing to report.

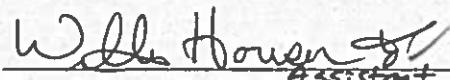
Facilities Committee: Mr. Houser had nothing to report.

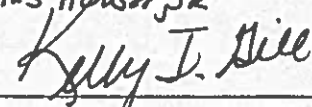
Financial Committee: Mr. McMurtrie had nothing to report.

ADJOURNMENT:

Mr. Galbraith moved, seconded by Mr. Hoffman to adjourn the meeting at 7:28 p.m. 9 ayes, 0 nays. The motion carried.

Respectfully submitted,



Joseph Swanderski, ^{Assistant} Secretary
William Houser, Jr.


Kelly J. Gill, Recording Secretary

CC: Benner Township 7/27/22
Spring Township 7/27/22
Walker Township 7/27/22

SECTION 15400
GREASE INTERCEPTORS

PART I. GENERAL

1.01 SECTION INCLUDES

- A. Furnish all labor, materials and equipment to install grease interceptor(s) as shown on the Drawings and as specified herein. Work shall include but not be limited to:
 - 1. Excavation
 - 2. Installation
 - 3. Internal and external piping with required supports and concrete encasement
 - 4. Backfill

1.02 RELATED SECTIONS

- A. Section 01010 - Summary of Work
- B. Section 01039 - Coordination and Meetings
- C. Section 01300 - Submittals
- D. Section 01400 - Quality Control
- E. Section 01600 - Material and Equipment
- F. Section 02225 - Excavating, Backfilling and Compacting for Utilities
- G. Section 02600 - Utility Piping
- H. Section 03300 - Cast-In-Place Concrete
- I. Appendix A - Standard and Special Construction Detailed Drawings

1.03 REFERENCES

- A. Pennsylvania Department of Transportation Publication 408, Latest Edition
- B. ASTM C-478 - Specifications for Pre-Cast Reinforced Concrete Manhole Sections

1.04 JOB CONDITIONS

- A. Job Conditions shall generally meet those of the related Sections.
- G. Specific conditions will be included with each project as may be required.

1.05 SUBMITTALS

- A. Submit shop drawings/product data from manufacturers' descriptive literature and specifications for all materials used in this Section. Submit in accordance with Section 01300.

PART 2. PRODUCTS

2.01 GENERAL

- A. Grease interceptors shall normally be designed using components as specified herein with no approved equals. This is done to improve equipment familiarization and use of proven equipment, etc.
- B. Products listed are not all inclusive. Refer to applicable project Drawings and Specifications.

2.02 GREASE INTERCEPTORS

A. Design

1. Hydromechanical grease traps may be used for application using less than 35 gallons per minute.
2. For flow rate up to 100 gallons per minute, the grease interceptor shall be rated for 150 gallons per minute, grease capacity of 300 pounds, and water capacity of 195 gallons.
3. For flow rate between 101 and 200 gallons per minute, the grease interceptor shall be rated for 300 gallons per minute, grease capacity of 600 pounds, and water capacity of 665 gallons.
4. For flow rate over 200 gallons per minute, the grease interceptor shall be rated for 1.5 times the flow rate.

All proposed grease traps and interceptors shall be sized and designed in general conformance with the guidelines of the Plumbing and Drainage Institute standard PDI – G 101. All applications must provide a minimum of thirty (30) minutes retention time at maximum flow.

B. Manufacturer

1. Zurn Model Z-1172

2.03 PIPE

- A. Ductile Iron Pipe - Section 02600, Sub-Section 2.01 A.3.
- B. PVC Pipe - Section 02600, Sub-Section 2.01 A.1.b.

2.04 CEMENT CONCRETE

- A. Concrete shall meet the requirements of Section 03300, Cast-In-Place Concrete for Class AA.

2.05 MONITORING

- A. In all interceptor applications, an inspection manhole shall be installed for monitoring of the waste.

2.06 OTHER MATERIALS

- A. All other materials, not specifically described but required for proper and complete installation of the work of this Section, shall be selected by the Contractor subject to the approval of the Authority.

PART 3. EXECUTION

3.01 INSPECTION

- A. Examine the areas and conditions under which Work of this Section will be installed. Correct conditions detrimental to proper and timely completion of the Work. Do not proceed until unsatisfactory conditions of site have been corrected.

3.02 INSTALLATION

- A. Install equipment with skilled labor in accordance with manufacturer's instructions and details as shown on the Drawings.
- B. All products, pre-cast or cast-in-place sections/pads shall be placed on a minimum six (6) inch depth of AASHTO No. 57 aggregate. The subgrade for the aggregate shall be properly compacted to requirements of Section 02225.
- C. Install internal/external piping using specified materials.
- D. Equipment installed shall be inspected, adjusted, approved and certified satisfactory by the manufacturer. Provide certification(s) that equipment is ready for operation.

3.03 BACKFILL AND COMPACTION

- A. Backfill around grease interceptor shall be as detailed in Section 02225 or as specifically shown on project Drawings.
- B. Compaction shall meet the requirements of Section 02225.

3.04 TESTING

- A. All piping shall be tested in accordance with Section 02651 and/or as may be directed by the Authority.

PART 4. MAINTENANCE

- 4.01 A. The use of chemical or biological additives or emulsifiers for the cleaning of traps or interceptors are strictly prohibited.
- B. Maintenance of grease traps and interceptors shall be the sole responsibility of the owner or operator to ensure proper operation in preventing any obstruction, interference or damage to the public collection system.
- C. It is the responsibility of the owner to ensure the grease trap/interceptor is, at a minimum, inspected/cleaned annually. Written inspection records must be maintained and available to the Authority for review. Records must contain the name, address, and phone number of the inspection/disposal company with date and description of the inspection.

- D. A more frequent cleaning/inspection schedule may be ordered to be performed by the facility when it is determined by the Authority that the facility is discharging excessive amounts of grease to the public sewer system. Excessive grease shall be considered to be discharge of greater than 200 parts per million grease/oil.
- E. The Authority will charge the owner, lessee or agent of any facility a fee to reimburse the Authority for the cost of sampling and testing.
- F. All grease traps/interceptors shall be cleaned and pumped entirely when the accumulated solids, both grease and settled, reach 25% of the total liquid capacity of the unit.
- G. All content removed from any grease vessel shall be hauled or disposed of off-site in accordance with all Local, County and State regulations that may apply.