

SUMMIT AUTHORITY MEETING MINUTES OCTOBER 15, 2019

The Summit Township Authority meeting was held on Tuesday, October 15, 2019 at the Summit Township Municipal Building, 502 Bonniebrook Road, Butler, PA.

CALL TO ORDER

Robert Thompson called the meeting to order at 9:00 a.m.

PLEDGE OF ALLEGIANCE

All persons stood to recite the Pledge of Allegiance.

ROLL CALL

Authority members Willie Adams, Rick Green, Larry Osche and Robert Thompson were present. Member absent was David Barry. Also, in attendance, Engineer, Rick Barnett, Assistant Secretary, Roxann Stickney, Tony Gagliardi, Eugene Rowe, Victoria Flinn-Rowe, Steve Krampert, Jerald Carben, Carole Boice and Bill Boice.

OPEN TO THE FLOOR – QUESTIONS/COMMENTS ON THE AGENDA

There were no questions or comments on the agenda.

APPROVAL OF JULY 16, 2019 MEETING MINUTES

Due to lack of quorum of members present from the July 16, 2019 meeting, the approval of the minutes will be tabled until the next meeting.

APPROVAL OF SEPTEMBER 17, 2019 MEETING MINUTES

Rick Green motioned to approve the September 17, 2019 meeting minutes as presented. Larry Osche seconded the motion. Willie Adams abstained from voting due to being absent from the meeting. Motion Carried.

ENGINEER'S REPORT

The Authority's Engineer presented the attached report.

Robert Thompson motioned to table the service line area for the Carole Boice property until the determination of whether the properties on Kozik Lane will receive public sewage. Rick Green seconded the motion. Motion Carried Unanimously.

Robert Thompson motioned to table the Gagliardi service option until the Authority's Engineer, Rick Barnett, contacts Gateway Engineers for clarification of the proposal. The Summit Authority will not pay any engineering expenses incurred to Gateway Engineers. It is Tony Gagliardi's responsibility for any costs incurred to Gateway Engineers. Rick Green seconded the motion. Motion Carried Unanimously.

Rick Green motioned for additional archeological investigation not to exceed \$3,800.00 for the determination of the impact that the sewage service line will have for the archaeological clearances. Larry Osche seconded the motion. Motion Carried Unanimously.

It was determined that the non-Pennvest eligible planning costs be included in the self-Liquidate Debt Report. The Engineer will submit the updated report to NexTier Bank for the interim financing.

It was requested that the Engineer contact the County Administrator of the Community Development Block Grant to confirm the project cost estimate is accurate for the 2019 grant application.

The Public Meeting date will be set at the November meeting. The residents in the service area will receive notification of the meeting via mail. The meeting will be advertised in the newspaper, on the Township's website, posted on the municipal building's door and marquee of the Herman Volunteer Fire Company's sign.

Ownership of the grinder pumps will be determined when the Authority's rules and regulations are determined.

INVOICE APPROVAL

Rick Green motioned to approve for payment Jerich Insurance Agency invoice 1517 for the Authority's liability insurance for \$618.00. The Authority will reimburse the Township upon receiving funding. A payment request letter will be submitted to the Summit Township Board of supervisors for this amount. Larry Osche seconded the motion. Motion Carried Unanimously.

ADDITIONAL BUSINESS

There was no additional business.

OPEN TO THE FLOOR – PUBLIC PARTICIPATION

Eugene Rowe and Victoria Flinn-Rowe of 220 Brinker Road, Butler, PA indicated that they do not want their property included in the sewage service area.

Rick Barnett will review the location of the sewage service line to the proximity of large oak trees on the property of Steve Krampert at 169 Brinker Road, Butler, PA to determine if the trees need to be removed.

Gerald Carben of 858 Herman Road requested information regarding the location of the sewage service line on his property.

ADJOURN

With there being no further business to come before the Summit Township Authority, Larry Osche made a motion to adjourn. Rick Green seconded the motion. Motion Carried Unanimously. Meeting adjourned at 10:50 a.m.

THE NEXT MEETING WILL BE HELD ON TUESDAY, NOVEMBER 19, 2019 AT 9:00 A.M.

Respectfully Submitted

Roxann L. Stickney, Assistant Secretary

SUMMIT TOWNSHIP AUTHORITY
ENGINEER'S REPORT
SENATE #12068

October 15, 2019

Work in Progress

1. Contact was made with Chris Zeigler, President of the Butler Freeport Community Trail Council. A meeting will be arranged to discuss their concerns with locating the sewer line in or near the trail such as maintenance, restoration, drainage impacts, trail closures, etc.,
2. Senate was requested to contact resident Boice on 227 Brinker Road to discuss location and routing of the sewer on their property. The alignment and cost of service in this area is affected by whether or not service will be extended up to the Kozik properties. Mr. Larry Kozik was contacted to discuss if service was desired for the 5 or 6 residences in his area, since it is located outside the current project limits. Mr. Kozik indicated it was possible they would request service and that he would contact the adjoining property owners. A response from Mr. Kozik was requested to be provided back to the Authority early this week.
3. Property owner at 884 Herman Road expressed concern to Authority about location of manhole in/near his driveway. The manhole location can be adjusted to avoid the driveway.
4. Senate received proposed sewer alignment revisions from Gateway Engineers for Mr. Gagliardi and nearby properties with a request from the Authority to review the proposed changes. The scope and intent of the proposed changes were not clear. Additional clarification and information, including proposed pipeline profiles, are needed from the engineer to complete this review.
 - a. The draft NPDES Part I permit for the WWTP discharge permit was received by Senate on 9/18/2019.
 - b. Several of the draft final effluent limits are significantly lower than the preliminary effluent limits received from DEP during the Act 537 approval process (see attached). The result is that treatment requirements are more extensive and will require larger tankage and/or additional tertiary treatment.
 - c. Equipment manufacturers have been contacted for cost revisions to earlier proposals
 - d. The draft permit has a 30-day comment period from its date of issuance on 9/10/2019.
 - e. A 15-day extension was requested.
 - f. A revised preliminary layout of the WWTP area and building is presented to the Authority for comment. Design of the WWTP is proceeding based on the dimensions and other design criteria of a Xylem Sanitaire SBR facility with UV disinfection.
5. Depending on the final WWTP layout a setback variance may be needed for several of the structures to fit the facilities on the site without encroaching on the 100 year flood area.
6. The initial wetlands delineation fieldwork has been completed.
 - a. The WWTP and pump station sites are not affected by wetlands.
 - b. Impacts to the pipeline design include 53 areas of emergent wetlands and 11 areas of emergent/shrub/scrub wetlands.
 - c. Emergent wetland crossings can be easily mitigated

- d. Wetlands with scrub/shrub identification require avoidance or more extensive mitigation/replacement requirements.
 - e. If wetland reconstruction at an alternate location is required the WWTP site may be a viable alternative.
 - f. Impacts to the pipeline design and mitigation requirements will be discussed at the Board meeting.
7. The initial Phase 1 Archaeological Investigation is complete. Finalization of the report will be dependent on approximately 1400 lf of pipeline routing adjustments in 6 separate locations that move the proposed construction limits more than 50 ft from the original alignment. These areas will need to be checked by the archaeological experts. After the report is submitted a 30 day review period will be needed by the State.
 8. The Self Liquidating Debt Report (SLDR) for NexTier bank can be updated to include or exclude planning costs that are not reimbursed by Pennvest. The SLDR will be submitted pending approval by the Authority.
 9. Authorization has been received from the Summit Academy and Mr.Voelker to access the pump station properties for geotechnical investigations. Because the pump station fieldwork will be done concurrent with the WWTP site investigation it will commence once the WWTP tank sizes and locations are finalized based on the new effluent limits.
 10. Senate is designing a well for the STP potable water supply as approved at the May 2019 Board meeting.
 11. The pump station parcels and layouts are being designed with the intent of getting zoning variances under Chapter 12.07 Zoning Variances for Public Utilities as discussed and approved at the April meeting. Pump station ROWs/easements are typically 30 ft permanent easement/ROW and additional 10 to 20 ft wide temporary construction easement.
 12. A detailed design of the collection system has been provided to the Authority for review and comment prior to any public review or meetings.
 13. Preliminary layouts have been presented to the Authority and approved at the March Board meeting. Once the geotechnical work is completed and found acceptable the property owners will be contacted for purchase of the 2 pump station ROWs.
 14. Direction was provided at the January 2019 Board meeting that basement service should be provided to all homes where possible, and the design is proceeding with that intent. Potential exception(s) to be identified.
 15. The field survey for utility locates, first floor elevations, culverts, curb stops, hydrants, inlets, etc. is complete with a potential need for verification of individual areas as the alignments are finalized.
 16. The WQM Part II permit application, General information form, Engineers Report, sewage modules, specifications, drawings, GP-5 and other permit applications are underway.

Data/Information Requested

1. Direction on potential service to Kozik properties and sewer alignment on Boice property
2. Direction on review of Gateway information.
3. Approval for additional fieldwork to complete the archaeological investigation
4. Direction on non-Pennvest eligible planning costs in SLDR

END OF ENGINEER'S REPORT

**Summit Township WWTP
Preliminary Effluent Limits (PELs) vs Proposed Final Effluent Limits (PFELs)**

Parameter	Monthly Average (mg/l)		Weekly Average (mg/l)		Instantaneous Maximum (mg/l)	
	PELs	PFELs	PELs	PFELs	PELs	PFELs
CBOD ₅	25	10	40	-	50	20
TSS	30	10	45	-	60	20
BOD ₅ influent	Monitor & Report	Monitor & Report	-	-	-	-
TSS influent	Monitor & Report	Monitor & Report	-	-	-	-
NH ₃ -N (5/1-10/31)	3.5	3.8	-	-	7	7.6
NH ₃ -N (11/1-4/30)	10.5	11.4	-	-	21	22.8
Total Nitrogen	Monitor & Report	5	-	-	-	10
Total Phosphorus	2	0.5	-	-	4	1
Fecal Coliform (5-1 to 9-30)	200 Geo Mean	200 Geo Mean	-	-	1,000	1,000
Fecal Coliform (10-1 to 4-30)	2,000 Geo Mean	2,000 Geo Mean	-	-	10,000	10,000
Dissolved Oxygen	Minimum of 4 at all times					
Total Residual Chlorine	0.26	0.26			0.85	0.85
pH	Within the range of 6 to 9 standard units at all times					
UV Intensity	-	Report Daily Max	-	-	-	-