

09/7/05

Bethel Township Municipal Authority
Monthly Report for September '05

Village of Frystown:

1. The ACT 537 plan revisions were approved by PADEP. We are now in a position where we can officially submit the Part I permits for the Frystown Treatment Plant. However, up until this point we have been working with approximate (planning) flow values and as part of the submission package the FINAL Design flows need to be determined (See separate correspondence regarding this matter).
2. If the above matter is resolved (Final Design Flows) then in order to submit the Part I Permit, the Authority needs to authorize the submission of this permit as well as the required fee (\$500.00) made payable to the Pennsylvania Department of Environmental Protection.
3. The PADEP has established preliminary effluent criteria; therefore once the final lot configuration is determined (extra 40 foot strip being contemplated) we will proceed with the Treatment Plant site layout. With the completion of the plant layout we can finalize the General Permits (stream crossings) and the Erosion and Sediment Control plans.
4. As explained briefly last month the PADEP has recently initiated new effluent criteria (phosphorous & nitrogen limits) which will require additional treatment. Since this criteria is different than the original 537 Plan study requirements we will be presenting the Authority with various options to consider in the Treatment process and meeting these new criteria.
5. As part of the Seigrist Development the sewer lines may be re-routed onto the Lands of Seigrist. As part of finalizing the design on the Seigrist property, the Engineer for Gene Seigrist has determined the most suitable route through the property. Generally after reviewing the proposed revisions instead of the sewer line running down along Frystown Road (SR 645) it would turn into the Seigrist property at the vicinity of Seymor Drive. The proposed relocation of the line should not create significant differences in the construction of the line. However, the remaining issues the Authority should fully discuss are additional clearances from the PHMC (additional Archaeological costs of approximately \$2,000), and additional easements through the Segrist property.

Village of Bethel:

6. The 537 Plan revisions were approved by the PADEP. Similar to Frystown, the Final design flows need to be determined before proceeding to the next step (Part I permit).
7. If the above matter is resolved (Final Design Flows) then in order to submit the Part I Permit, the Authority should authorize the submission of this permit as well as the required fee (\$500.00) made payable to the Pennsylvania Department of Environmental Protection.

8. We are still waiting for a meeting with PENN WORKS and the various parties involved with the Industrial Development Authority (scheduled by IDA). Tom McKeon (Berks county Industrial Development Authority) explained that he has been extraordinarily busy and that he will be setting up this meeting shortly.
9. Again, since the effluent criteria from PADEP has changed from the Original 537 Plan study as well as the amount of expected flows (IDA & surrounding properties) we are asking the Authority to confirm the type of treatment process proposed (extended aeration versus SBR).
10. In determining the effluent (discharge) criteria the PADEP is allowing a credit for removing the existing sewage treatment plant at the school. This credit would apply to the nitrogen and phosphorous limits which are unknown (not tested) at this time. The authority may want to consider testing the effluent in order to get the maximum credit possible.

Should there be any questions, please feel free to contact me.

John K. Roche, P.E.