PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

THRN 01 00
August 10, 2017

ENGINEER'S REPORT

REGARDING WASTEWATER ISSUES
August 16, 2017

General

Annual Television Inspection

- We are working with Township staff to coordinate the repairs to the two (2) leaking manholes discovered within the easement from Country Run to the wastewater treatment plant, and the manholes on Derry Drive that exhibited some deterioration in the concrete channels.

East Side Sewer District

– Final Treatment Tank @ WWTP

- All construction related punch list items have been addressed by the General contractor. The Electrical contractor still has not addressed the outstanding punch list items. Although none of these items affect the daily operation of the system, we have again informed the contractor the work needs to be completed as soon as possible, and no later than the end of September.

– Aeration Tank No 3 @ WWTP

- DELCORA removed this tank from service and cleaned the interior in early July. They have concerns that some of the corroded areas may impact the operation of the tank (i.e. potentially contribute to clogging the sludge return lines) if not addressed. Although the corrosion does not appear to be significant, further more intense cleaning may be prudent to remove as much of the loose/flaking material as possible prior to returning the tank to service. We are soliciting informal bids from three (3) local contractors to complete this work.

– Thornton Road Low Pressure Sewer

- A conference call was held with representatives of DEP on July 27th. The purpose of this call was to communicate the Township's desire to work with the Culp's to achieve a logical solution for long-term sewer needs of the area, in addition to resolving planning requirements. DEP indicated that a waiver from planning would not be applicable for any number of proposed connections. Instead, either a planning module or special study would need to be submitted for the proposed service area. Based on this direction, we are completing the planning module application for the 12 properties. The intent is to submit the application to DEP upon the expiration of the 30-day comment period.

West Side Sewer District

– Mill Creek Subdivision

- A letter summarizing various comments on the as-built drawings submitted was sent to the Developer on July 31st. To date, we have not received a response.