PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

THRN 01 00
December 28, 2016

ENGINEER'S REPORT

REGARDING WASTEWATER ISSUES
January 3, 2017

East Side Sewer District

– Return Sludge Lines @ Wastewater Treatment Plant

- Clogging of the return sludge lines on various clarifiers continues to be a significant issue. The most recent incident occurred on December 27Th and did result in an SSO (Sanitary Sewer Overflow). The issue appears to be the result of larger fibrous material combining with leaves. We continue to work with Township staff and DELCORA to identify viable solutions. To date, the following actions have been taken:
    - The muffin monster @ Creek Road West Pump station will be replaced the week of December 27th. The force main from this station discharges directly to the headworks of the plant.
    - A contract has been signed w/Dutchland Inc. to replace the influent bar screen box. This will help to remove the larger fibrous material before it enters the treatment tanks. The work is tentatively scheduled for mid to late January.
    - Proposals have been obtained to clean the Equalization tank. This will remove the offending material from the headworks of the plant. The work can be completed as soon as the week of January 2nd, 2017.
    - Investigation of portions of the sewer system upstream of the plant in an attempt to identify any illicit discharges or other problematic circumstances.

– Chlorine Contact Tank

- Product submittals for various components of the system are currently under review. Construction is tentatively scheduled to commence the second week of February.

– Dallet (Phase V)/ Preserve @ Squire Cheyney Farm

- We met with the developer's representative on December 13Th to review several of the outstanding issues including as-builts, and the air release manhole in the Preserve @ Squire Cheyney Farm.

– Andover Subdivision

- We are working with the Developer to finalize the outstanding punch list issues. To date, much of the field work has been completed. We are scheduled to review the remainder of the work completed this week.