PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

THRN 01 00
April 27, 2017

ENGINEER'S REPORT

REGARDING WASTEWATER ISSUES
May 3, 2017

General

Annual Television Inspection

- We have completed review of the videos of all the mains televised. No further issues or problems were noted with any of the other mains inspected. As indicated previously, the following three issues discovered: 1) A leaking lateral connection on Derry Drive, 2) several leaking manholes within the easement from Country Run to the wastewater treatment plant, and 3) a deteriorated channel within the manhole on Derry Drive where the force main from Dylan Court pump station discharges. We have received a preliminary cost from a local contractor to repair the lateral connection on Derry Drive. We are meeting with the contractor this week to further clarify the scope of work and cost. We anticipate this repair work will commence within the next five (5) to seven (7) days. While the contractor is completing the lateral repair, we also will review with them repair of the leaking manholes and the deteriorated manhole channel.

East Side Sewer District

– Final Treatment Tank @ WWTP

- The general contractor was on site this week to complete the remainder of the work including installation of the permanent influent line, abandonment of the old tank, installation of the bypass connection to the force main and final grading/cleanup. The work was originally anticipated to be fully completed by the end of this week, however, with the unfavorable weather it is likely the work may not be completed until next week. The new system has been in operation for several weeks. Although their remains some minor adjustments to be made, the system appears to be operating satisfactorily.

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

- We received revised as-built plans on April 20th for the force main through Dallet (Phase V). The plans provide adequate documentation on the as-built location of the force main. However, notes clarifying the GPS reference system and the approved sanitary sewer easement exhibit need to be added to the plan. This information was conveyed to Orleans representative earlier this week. Receipt of this updated plan is the final item needed to satisfy our remaining comments relating to the Dallet (Phase V) development.

– Walton Lane Subdivision

- We have completed review of the revised final plans submitted on March 24st. All of our previous comments have been satisfactorily addressed. No further issues relating to the proposed sanitary sewer system remain.