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M E M O R A N D U M

To: Gérald Checco
From: Jeff Aluotto
Subject: Terrace Park
Date: January 26, 2018
Copies: D. Meyer

As you are aware, the Village of Terrace Park has expressed interest in joining the Metropolitan Sewer District. The interest presumes that joining MSD would represent the most economical path to addressing the Village's individual sewage system problem(s). The Prosecutor's office has reviewed the situation and has provided detail on the necessary path forward. Additionally, we have verified that the Village is not currently in the District.

Prior to approving Terrace Park's request to join the system, it will be important to understand the cost of extending the system and the cost of servicing the 900 residences and businesses currently on private home sewage treatment systems. Therefore, I am asking MSD to perform an assessment of alternatives to include:

1. Identification and evaluation of various alternatives for providing sewer service to the Village. This is limited to providing sewer service to the Terrace Park Village limits.
2. The alternatives, at a minimum, should include:
 - a. Extension of the existing MSD system,
 - b. Connection to a neighboring sewer system
 - c. Construction of a stand-alone waste water treatment plant.
3. The evaluation should include triple bottom line analysis, with the economic analysis being a net present value analysis for a 20-25 year period.

4. Provision of a recommended alternative for providing service to the Village limits. Each evaluated alternative is to include the estimated project cost and the supporting detail to justify each alternative evaluation.
5. Provision of a range of costs for providing local sewer collection systems within the Village (to connect to the sewer service provided under items 1 and 2, above) using parametric cost (cost per residence, cost per acre, etc.) information.
 - a. All costs should be total project costs with construction costs identified as well as the soft costs.
Consider all costs to be in 2018 dollars.

The schedule for this alternatives evaluation project should be approximately 6 months or shorter so the BOCC has the necessary information by the October-November, 2018 time frame. The results of the alternative analysis and recommendation as well as the local sewer collection system costs will be used by the BOCC to assess the viability of accepting the Village into the District. A key part of the assessment will be whether the current limit for assessment projects of \$12,000 per customer can be maintained for the project. Once the BOCC has assessed the viability of accepting the Village into the District, if the decision is to accept the Village, a subsequent study will be required to assess the best way to provide local sewer service to the Village. This will likely involve community participation in the process.

The costs for this work should be funded from the 2018 CIP Planning Allowance. If you have any questions or wish to further discuss the mechanics of this evaluation, please feel free to contact either Dave Meyer or me.