MSD Drainage Study

Metro Public Works Committee

August 16, 2022

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Drainage Study Background

MSD has received a number of inquires over the years about the method of assessing drainage charges to residential Class B properties

Lake Forest Legacy Condo Association inquired about their drainage charges March 5, 2020 following an update to their billable ESUs by MSD. Discussion bridged over to private roadways and their master water meter.

MSD CFO and General Counsel determined a study was needed in June 2021

MSD had an initial meeting with Councilman Piagentini regarding Lake Forest on August 17, 2021

MSD executed a Consulting Services Agreement with Stantec on September 30, 2021 to perform a drainage study

- Reviewing findings with MSD Board in September 2022
- Earliest changes could be implemented is August 1, 2023

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Study Components

Stantec initially looked at 2 scenarios utilizing FY21 billing data & rates

- Financial impact to MSD if all condos were billed at 1 ESU
- Financial impact to MSD if private roadways were exclude from billable impervious area

Stantec conducted benchmarking of similar drainage service providers

On June 13, 2022 Councilman Piagentini requested that MSD quantify impacts of the draft ordinance he filed on June 6, 2022

- Proposed ordinance expands Class A to no more than 4 residential units in a structure sharing common elements

Estimated Financial Impact of Proposed Ordinance:

- We estimate implementing the ordinance will reduce MSD drainage revenue by $328,573 annually (based on the FY22 drainage rate)

- We estimate the average per condo unit drainage service charge savings would be $134.77 annually

  - This is roughly 1 ESU, or $11.23/month

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