



January 29, 2021

City of North Olmsted
5200 Dover Center Road
North Olmsted, OH 44070

RE: Sanitary Sewer Service Agreement – Lakeside Estates Pump Station

Dear Mayor Kevin M. Kennedy,

Cuyahoga County Department of Public Works has had a number of discussions with Director of Finance Carrie Copfer, CPA and City Engineer Pietro A. DiFranco, P.E. of the North Olmsted Administration regarding the Lakeside PS discharge and flooding issues in the Crestwood Sewer connection into North Olmsted sewer system and the recommendation of a 2012 Sewer System Study by KEM to remove this connection in order to mitigate County sewer system surcharging. The Crestwood area connection to the North Olmsted system is located between 27928 Terrace Drive in North Olmsted and 26974 Elizabeth Lane in Olmsted Township.

The County Department of Public Works has been monitoring the sewer system flows at this connection point and have determined that there have been a number of times when the flow through this connection reaches a near zero flow rate. As a result of this zero-flow condition, we are experiencing sewer surcharging and subsequent basement backups within the tributary Olmsted Township collection system.

For the health and safety of our sewer customers, the County must take corrective action at this point to mitigate basement backups.

As a first priority, it is our intention to proceed with design of an improvement to eliminate the Lakeside Village Estates Pump Station discharge from the Crestwood Trunk sewer by replacing the Pump Station with a gravity sewer connection to the NEORSD Sanitary Trunk sewer that exists along Fitch Road. This moves forward with the original plan to remove the Lakeside Village Estates Pump Station discharge from the Crestwood collection system. Although this will not eliminate the zero flow conditions at the North Olmsted connection it is expected to mitigate surcharging of the Olmsted Township collection system.

Secondly, the County is proceeding with a program to separate the most severely impacted properties that are experiencing frequent backups from the exposure to surcharging gravity sewer system by installing grinder pump systems to isolate the homes and to proceed with a program to eliminate sources of infiltration and inflow.

The County cannot prevent the surcharging that is related to zero flow conditions that are less than the agreed to flow rate. The County also requests North Olmsted take action to meet the terms of the County/City agreement by restoring capacity defined in the agreement as soon as possible.

The County will be proceeding with a FPA boundary amendment request to NOACA to move the Villages of Lakeside Development area from the North Olmsted FPA into the NEORSD FPA and request approval of the change from North Olmsted at this time to remove Lakeside Estates from the service area to North Olmsted.

We look forward to your cooperation in this matter.

Thank you,



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