

March 20, 2023

Illinois Environmental Protection Agency
1021 N. Grand Ave E.
Springfield, IL 62702

**RE: Village of Bartlett Special Conditions Report 20 & 21
Permit No. IL0027618**

By request of Special Conditions 20 & 21 in the Village's Discharge 002 Devon Excess Flow Facility ("Devon") permit, this report details the information required by the Conditions set forth to show what actions are being taken to improve BOD and TSS and also ways to improve I/I. The Village is currently pursuing many different options to reduce I/I and improve conditions at Devon.

Special Condition 20 Report:

The area tributary to Devon is primarily collected by Metropolitan Water Reclamation District of Greater Chicago (MWRDGC). Of this area, 1.15 MGD is taken by MWRDGC, and any flows above that amount would go to Devon. In 2022, Devon went online (0) times, totaling a flow volume of 0MGD. In order to remove I/I from the sanitary sewer system, the Village has spent \$392,000.00 for sewer lining. Additionally, our Village spent \$21,000.00 reducing I & I, by continuing to replace open pick covers, gasket material and aging frames where ground water can enter collection system. The Village of Bartlett also started a lateral service lining program where the village pays for 85% to the ROW, for a total of \$260,000.00 spent last year. Manhole Rehab/lining was also performed totaling \$87,000.00 in total costs. The Village of Bartlett spent a total of \$750,000.00 in 2022. The Village amended its IGA with MWRDGC to remove a restrictor to increase the allowed flow to MWRDGC in January, 2017. The restrictor was removed March of 2017 and will be replaced by July, 2024.

Special Condition 21 Report:

In 2022, Devon (#002) on NPDES Permit did not discharge in 2022.. The EPA revised permit (modified 9/29/2017) removes the 85% removal limit until 2020, at which time, the 85% removal becomes a requirement again. The Modified permit converts BOD on Devon to "L" where $L = (15/23) D + 49.565$ and "L" is equal to monthly average limit and "D" is number of days the outfall discharges that month. We were able to achieve the amended BOD and TSS limits for the permit. Currently, EEI is designing a lift station and force main to our Water Reclamation Facility to eliminate the need for a permit at Devon, and the Village negotiated with MWRDGC for a financially feasible and mutually beneficial solution to the elimination of Discharge 002.

John T. Pullia

Village of Bartlett Wastewater Supervisor