

June 25, 2020

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, Illinois 62794-9276

Attention: CSO Coordinator, Compliance Assurance Section

***Subject: Village of Western Springs – Long Term CSO Control Plan Progress Report  
NPDES Permit IL0045039***

To Whom It May Concern:

On behalf of the Village of Western Springs, we are submitting a progress report for the Long Term Control Plan (LTCP).

The Village's LTCP implementation plan is an inflow and infiltration (I/I) study that was conducted between 2015-2019. The I/I study included televising and cleaning of the combined sewers to determine the location and sources of I/I. Combined sewers with major sources of I/I were lined with cured-in-place pipe. Below is a summary of I/I study work completed by the Village.

In 2015, the Village televised 5,700 feet of combined sewer, which resulted in 563.6 feet of cured-in-place pipe lining.

In 2016, the Village televised 12,416 feet of combined sewer. The televising did not find any major sources of I/I, therefore no lining was done. However, they did perform major cleaning of the combined sewer to remove sediment buildup and root blockages.

In 2017, the Village was scheduled to televise 7,319 feet of the combined sewer, however due to four emergency projects the Village was unable to complete this televising.

In 2018, the Village televised 15,813 feet of combined sewer, which includes the untelevised area from 2017 and the originally planned portion for 2018. The televising did not find any major sources of I/I, therefore no lining or immediate repairs were required. During this televising major cleaning was performed to remove sediment buildup and root blockages.

In 2019, the Village:

1. Repaired the Clausen Avenue (39<sup>th</sup> Street to 41<sup>st</sup> Street) 36" combined sewer by grouting. It was determined that this sewer did not need to be lined. They replaced approximately 93.3 feet of the 10" combined sewer.
2. Installed approximately 155 feet of a new 12" relief storm sewer on Lawn Avenue (Elm Street to 47<sup>th</sup> Street). This relief storm sewer will be connected to the combined sewer until the

Village completes the storm sewer outfall into Flagg Creek which will be done in 2021. Then it will be disconnected from the combined sewer and connected into the separate storm sewer system.

3. Televised 8,500 feet of combined sewer. During the televising the combined sewers were cleaned to remove sediment build up and root blockages.
4. Smoke tested the combined sewers in the high risk areas. Additional smoke testing will be done in 2020.

The LTCP did not include a schedule for I/I work for 2020 because it was beyond the I/I study period of the report, however the Village will continue to televise and clean combined sewers in 2020. In 2020, the Village:

1. Completed televising for 3000 feet of combined sewer related to the Village's 2020 roadway projects. For the rest of the year the Village will focus on televising the sewer in the 2021 roadway project areas.
2. Install a new storm sewer (approximately 1320 feet) on Prospect Avenue between Chestnut and Hillgrove which is located in a combined sewer area.
3. Dye water test the areas of concern found during the 2019 smoke testing.
4. The proposed smoke testing for 2020 may not be completed this year due to budget cuts from the COVID-19 pandemic.
5. Re-evaluate the combined sewer system to determine how successful the I/I study and sewer improvements were at reducing CSO discharges.

Please call me at 815.444.3248 if you have any questions.

Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS



Jennifer R. Sorensen, P.E.

C: Matthew Supert, Village of Western Springs  
Casey Biernacki, Village of Western Springs

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