

MEMORANDUM

Date: March 16, 2021

To: Board of Directors
Cherry Hills North Metropolitan District

From: Chris Purrington, P.E.

Re: 2021 Sanitary Sewer Maintenance Program

2021 SANITARY SEWER MAINTENANCE

The District's Sanitary Sewer Maintenance Program consists of a two (2) year jet cleaning and video cycle. The District is divided into two (2) basins, the East Basin (6,792 linear feet) and the West Basin (5,198 linear feet). During even numbered years, the East Basin is jet cleaned and the West Basin is inspected by video. During odd numbered years, the West Basin is jet cleaned and the East Basin is inspected by video.

The 2021 Sanitary Sewer Maintenance Program was completed by Dale's Environmental Services (DES) and reviewed by our office. The following is a summary of the 2021 Program.

1. Jet Cleaning Program

The 2021 Jet Cleaning Program consisted of cleaning the West Basin. DES completed the cleaning on January 12, 2021.

2. Video Program

The 2021 Video Program consisted of video inspection of the East Basin. DES completed the video inspection on January 14, 2021.

Video Inspection Summary

Below is a summary of the 2021 Video Program

- **Roots**

Roots were minimal and no lines in this Basin required root cutting.

- **Roots in Service Lines**

Four (4) service connections with roots were identified. We recommend that letters be provided, including photos of the blocked service lines, as a courtesy to the homeowner. The addresses with root blockage are listed below.

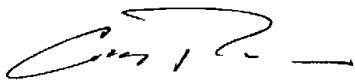
Service Line Addresses
3991 South Holly Way
5420 Nassau Circle East
4071 South Holly Street
5370 Sanford Circle East

- **Pipe Repairs**

Based on our review, there are no pipe defects that warrant repair. As a result, we do not recommend a repair project in 2021.

Please do not hesitate to contact me with any questions or if you need additional information.

Sincerely,
PURRINGTON CIVIL, LLC



Chris Purrington, P.E.

Attachments:

- Pipe Defects Map
- Root Infiltration Map
- CIPP Lining Map

