

**SANTA YNEZ COMMUNITY SERVICES DISTRICT
MEMORANDUM**

TO: Board of Directors
FROM: Loch Dreizler, General Manager
DATE: November 20, 2024
SUBJECT: Ductile Iron Pipe Cleaning and Video: Discuss using a pipe density analysis instead of our cleaning/video contractor and District engineer to determine the necessity of pipelining.

Proposed Motion / Recommendation:

The motion is to be determined after the board discussion. See the alternatives below.

If a new motion is not offered, then the lack of a motion will re-confirm the Board motion from the October Board Meeting: *clean and video using an independent contractor and reassess the necessity for lining based on the cleaning contractor's video and our engineer's recommendation.*

Staff recommends that Mainline (cleaning contractor) finish the cleaning and video to see if something is conclusive before using other techniques.

Proposed Alternative Motions:

The District will continue using our independent contractor to clean and video the identified Ductile Iron Pipe; however, if the visual/camera observations are inconclusive, the District will determine the pipe's remaining thickness using ultrasonic or electromagnetic testing or something similar.

Policy Implications

No direct policy implications

Fiscal Implications

Our District designated \$750,000 in this year's budget for this capital project.

Discussion

The Board President requested that the discussion be continued regarding alternative methods of determining the pipe's remaining life (thickness) or integrity, such as ultrasonic or electromagnetic testing.

As sewer systems age, the chance of deterioration and blockages increases. Our contractor, Mainline, uses video inspections to determine current sewer conditions and to allow the District to determine the need for lining.