

SANTA YNEZ COMMUNITY SERVICES DISTRICT

MEMORANDUM

TO: Board of Directors
FROM: Loch Dreizler, General Manager
DATE: October 19, 2022
SUBJECT: Horizon Drive Sewer Easement Subsidence

Recommendation

Continue the discussion on the Horizon Drive sewer easement subsidence.

Policy Implications

The District has *Construction Standards for Public Sewage System Improvements*. These standards are incorporated into project construction documents and specifications.

Fiscal Implications

There is \$205,629.00 remaining from the Horizon Drive project loan fund to use for additional soil compaction tests or other Horizon Drive related projects.

Alternatives Considered

None

Discussion

Recall the chronology graphic from October's Board Memo

Board direction from the previous meeting:

- Notify the contractor of the steps the district has taken
- Solicit a proposal from soils consultant(s) to provide additional assurance by taking additional compactions samples within a safe depth of new sewer line
 - Geo-Solutions - indicated that additional compaction test may not add new information and recommended a change to the top two feet of the trench line for additional assurance.
 - Earth Systems - provided a proposal for five additional compaction samples – scheduled for November 7, 2022
- Take additional compactions samples near *Areas of Concern*, along with two or three random compaction samples for comparison.
 - Earth Systems took five additional samples – 3 in areas of concern and two random samples
 - Awaiting laboratory reports from compaction sampling – 10 to 20 working days for laboratory results. (November 21 to December 5)
- Review compaction samples to revise design standards and specifications for future projects