

APPENDIX D-2

SOILS REPORT ADDENDUM AND SEPTIC FEASIBILITY LETTER

March 30, 2023

KA Project No. 112-19064

Gurjeet Sodhi
18890 Via Bellagio
Friant, CA 93626

**RE: Addendum to Geotechnical Engineering Investigation
Proposed Travel Center/Convenience Store**
SWC of Telstar Court and Calico Road
Yermo, California

Dear Mr. Sodhi

In accordance with your request, we are providing this Addendum to our Geotechnical Engineering Investigation for the above-referenced project site. Krazan & Associates, Inc. had previously conducted a Geotechnical Engineering Investigation report dated June 24, 2019 (KA Project No. 112-19064). This addendum provides infiltration test results that would be applicable to use in the design of the onsite wastewater treatment system.

The proposed onsite wastewater system will be located along the western perimeter of the subject site. In our original geotechnical engineering investigation, we conducted 3 infiltration tests within the southeast portion of the site. Infiltration rates were determined using the results of open borehole infiltration testing performed at those locations. The silty sand soils indicate infiltration rates of approximately 1.33, 1.63, and 1.94 inches per hour. Detailed results of the infiltration tests are located in our original geotechnical engineering investigation report.

Borings 1 and 5 were drilled in the area of the proposed onsite wastewater treatment system. The soil conditions in these borings consisted of medium dense to dense silty sand up to a depth of approximately 19 feet below current site grades. Borings 9 and 10 were drilled at the southeast section of the subject site. The soil conditions encountered in these borings were similar to those in Borings 1 and 5. It is our opinion that the infiltration test results performed in the southeast section of the project site would be applicable to use in the design of the onsite wastewater treatment system to be located in the western section. Therefore, it is recommended to use an infiltration rate of approximately 1.33 inches per hour. A factor of safety should be incorporated into the design of the onsite wastewater treatment system to compensate for unknown factors as determined by the designer.

The recommendations and limitations provided in our Geotechnical Engineering Investigation report dated June 24, 2019 apply to this letter.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact our office at (559) 348-2200.



Respectfully submitted,
KRAZAN & ASSOCIATES, INC.

A handwritten signature in blue ink that reads "Jorge A. Pelayo".

Jorge A. Pelayo
Project Engineer
RCE No. 91269

JAP:ja