

April 19, 2019

Sares Regis Group
18802 Bardeen Avenue
Irvine, California 92612



**SOUTHERN
CALIFORNIA
GEOTECHNICAL**
A California Corporation

Attention: Ms. Janine Padia
Project Manager

Project No.: **19G142**

Subject: **Storm Water Infiltration**
Two Proposed Commercial/Industrial Buildings
SWC Nandina Avenue and Decker Road
Unincorporated Riverside County (Perris Area), California

Reference: 1) Geotechnical Feasibility Study, Commercial/Industrial Development, NWC Oleander Avenue and Decker Road, Riverside County, California, prepared by Southern California Geotechnical, Inc. (SCG) for Sares Regis Group (SRG), SCG Project No. 05G290-1, dated December 13, 2005.

2) Seismic Refraction Study, Two Proposed Commercial Buildings, SWC Nandina Avenue and Decker Road, Unincorporated Riverside County, Perris, Area, California, prepared by SCG for SRG, SCG Project No. 05G290-6, dated December 19, 2014.

Ms. Padia:

In accordance with the request of Mr. Jake Marshall of Michael Baker International, the project civil engineer, we have prepared this letter to comment on the infiltration characteristics of the on-site soils for the subject site.

Based on the conditions encountered during our previous geotechnical feasibility study, the near-surface soils generally consist of native alluvium comprised of loose to medium dense silty fine to medium sands extending to depths of 5 to 7± feet. The alluvium is underlain by very dense granodiorite bedrock extending to the maximum depth explored of 14± feet. The shallow bedrock at this site is expected to have very poor infiltration characteristics based on its relative density and lack of fractures and joints. Due to the expected poor infiltration rate and the relatively impermeable underlying bedrock, storm water infiltration is not considered feasible and is not recommended for this project.

We appreciate the opportunity to be of continued service on this project. If we may be of further assistance in any manner, please contact our office at your convenience.

Respectfully Submitted,

SOUTHERN CALIFORNIA GEOTECHNICAL, INC.



Daryl Kas, CEG 2467
Senior Geologist



Gregory K. Mitchell, GE 2364
Principal Engineer



Distribution: (1) Addressee
(1) Michael Baker International