



September 18, 2019

Project No. G19-1726-30

Mr. Richard Valdez
VSL Engineering
40935 County Center Drive, # D
Temecula, California 92591

Subject: *Response to Rising Hill MHS 98, 3rd REVIEW CYCLE COMMENTS, CASE NO. GP-2018-1762; ZC-2018-1763, DP-2018-1761, City of Murrieta Development Services Department.*

References: *Revised Preliminary Geotechnical Investigation, Proposed Multi-Family Residential Development - MHS-98, LLC, APN Nos.: 913-210-005 to -007, -010 to -013, & -032 to -035, Northeast of Rising Hill Drive and Bahama Way, City of Murrieta, Riverside County, California (Work Order No. 3721801.00R, Revised), by South Shore Testing and Environmental, dated January 29, 2019.*

Murrieta Apartments, Development Plan and Conceptual Grading Plan, Planning Application - DP-2018-1761, by VSL Engineering, dated June 15, 2018.

INTRODUCTION

LGC Geo-Environmental, Inc. (LGC) has prepared this response to the subject 3rd REVIEW CYCLE COMMENTS, dated September 10, 2019 by the City of Murrieta Development Services Department (DSD), regarding the project site. The project site is located southeast of the intersection of Delhaven Avenue and Date Street and consists of Assessor Parcel Numbers (APNs) 913-210-005 to -007, -010 to -013, and -032 to -035.

Review Comment 7 in Attachment F, Engineering (Grading, Drainage and Stormwater) Comments, together with LGC's response to that comment is provided below. LGC's response is an update to the referenced report by South Shore Testing and Environmental.

Response to Review Comment 7, Attachment F (Page 17)

Preliminary Geotechnical Report. Please note that per the City's GIS data the project site is not subject to subsidence but per the County of Riverside GIS data, the project site is susceptible to subsidence. Recommend the Geotechnical Report to include discussion on subsidence.

Response: The project site is located within susceptible subsidence zone designated by Riverside County. Unfavorable ground subsidence is not anticipated because the project site is underlain by Pauba formation bedrock, and the depth to groundwater is estimated to be 70 feet below ground surface, based on nearby well. In addition, recommended over-excavation and recompaction associated with proposed grading, structures and improvements will remove subsurface earth materials, including undocumented soil stockpiles, alluvial/colluvial soil and weathered bedrock, which might be prone to subsidence. Accordingly, subsidence is not considered to be a potential concern regarding the proposed development of the project site.

CLOSING

The opportunity to be of service is appreciated. If you should have any questions regarding response to comments or require further clarification, please contact LGC at your earliest convenience.

Sincerely,

LGC GEO-ENVIRONMENTAL, INC.



Duncan Walker, CEG 1395
Certified Engineering Geologist

DW/MB



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