

May 17, 2022
Job No. 3307-008-22

Mr. Marty McFadden
Heritage Land Development
2650 South Washington Boulevard, Suite 203
Ogden, Utah 84401

Mr. McFadden:

Re: Letter
Stormwater Infiltration Tests
Proposed Terakee Subdivision
Approximately 700 North 3600 West
Ogden, Utah

Introduction

This letter presents the results of the stormwater infiltration tests performed at the site of the proposed Terakee Subdivision to be located at approximately 700 North 3600 West in Ogden, Utah. An aerial image of the site showing the locations infiltration tests were performed is presented on Figure 1, Site Plan. GSH Geotechnical, Inc. (GSH) completed a geotechnical study for the site dated September 9, 2021¹.

Summary

Stormwater infiltration tests were performed at 4 locations within the natural clay soils at depths of approximately 5 feet below the existing ground surface. The natural clay soils contained varying amounts of fine sand and silt content, and were medium stiff, moist, and brown in color. The measured percolation rates for each of the tests are tabulated below:

Infiltration Test	Measured Rate (minutes per inch)
I-1	120
I-2	90
I-3	120
I-4	60

1 "Report, Geotechnical Study, Proposed Terakee Subdivision, 700 North 3600 West, Ogden, Utah." GSH Job No. 3374-001-21.

For design, a percolation rate of 120 minutes per inch shall be utilized. This design percolation rate should be considered typical for the natural clay soils at the site.

Closure

All other recommendations presented in the referenced geotechnical study shall continue to be followed.

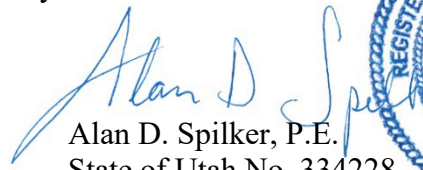
If you have any questions or would like to discuss these items further, please feel free to contact us at (801) 685-9190.

Respectfully submitted,
GSH Geotechnical, Inc.

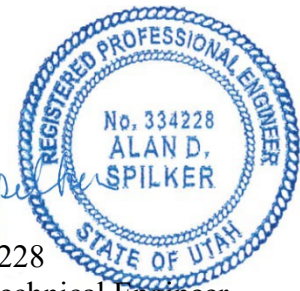
Reviewed by:

A handwritten signature in blue ink that reads "Giavanna Lonardo".

Giavanna Lonardo, E.I.T.
Staff Engineer

A handwritten signature in blue ink that reads "Alan D. Spilker".

Alan D. Spilker, P.E.
State of Utah No. 334228
President/Senior Geotechnical Engineer



GAL/ADS:dg

Addressee (email)

Encl.
Figure 1, Site Plan



REFERENCE:
ADAPTED FROM AERIAL PHOTOGRAPH
DOWNLOADED FROM GOOGLE EARTH
IMAGERY DATED 08/2021

▣ Infiltration Tests

FIGURE 1
SITE PLAN

