



ENTECH
ENGINEERING, INC.

505 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
PHONE (719) 531-5599
FAX (719) 531-5238

November 8, 2021

FLRD #6
2138 Flying Horse Club Drive
Colorado Springs, CO 80921

Attn: Jim Boulton

Re: Density Testing – Sanitary Sewer
Forest Lakes Residential Development, Filing 6
Colorado Springs, Colorado
Report No. 13, Tests 663–672

Dear Mr. Boulton,

As requested, personnel of Entech Engineering, Inc. have performed density testing at the above referenced site.

Density testing on this site was performed on October 18, 2021 through October 22, 2021 . The density testing indicates that the materials have been adequately compacted at the depths and in the locations noted. Results of the density tests are enclosed with this letter.

We trust that this has provided you with the information you require. Should you have any questions or need further information, please do not hesitate to contact us.

Respectfully Submitted,

ENTECH ENGINEERING, INC.


Joseph C. Goode, Jr.,
President



JCG/bk

Enclosure

Entech Job No. 201326

F:\AA projects\2020\201326-FLRD-Forest Lakes F6-110-ConMat\201326_2cl13.docx

Client: FLRD #6	Entech Job #: 201326.2	Proctor Value Key: M = modified, ASTM D-1557
Project: Forest Lakes Residential Development, Filing 6	Tested By: J. Claton	S = standard, ASTM D-698
Subject: Sanitary Sewer	Report Date: 11-08-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
663	1' north Manhole 8 on North Mesa Top Drive, 12' below grade.	10/18/21	99	98	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
664	1' west of Manhole 8 on North Mesa Top Drive, 10' below grade.	10/18/21	98	98	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
665	1' south of Manhole 8 on North Mesa Top Drive, 8' below grade.	10/19/21	96	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
666	1' east of Manhole 8 on North Mesa Top Drive, 6' below grade.	10/19/21	96	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
667	2' north of Manhole 8 on North Mesa Top Drive, 5' below grade.	10/20/21	97	95	6.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
668	2' east of Manhole 8 on North Mesa Top Drive, 4' below grade.	10/20/21	96	95	6.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
669	2' west of Manhole 8 on North Mesa Top Drive, 3' below grade.	10/21/21	95	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
670	2' south of Manhole 8 on North Mesa Top Drive, 2' below grade.	10/21/21	95	95	6.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
671	1' north of Manhole 8 on North Mesa Top Drive, 1' below grade.	10/22/21	97	95	7.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
672	1' south of Manhole 8 on North Mesa Top Drive, at grade.	10/22/21	96	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

Comments:

Scope of Observation: PERIODIC; CONTRACTOR'S OR CLIENT'S REPRESENTATIVE ADVISED

All dimensions are approximate. Cl. = Centerline



ENTECH
ENGINEERING, INC.
505 Elkton Drive
Colorado Springs, CO 80907
(719) 531-5599 • (719) 531-5238 (fax)

FIELD DENSITY RESULTS

Joseph C. Goode, Jr., P.E.