



ENTECH
ENGINEERING, INC.

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

July 13, 2020

FLRD #2
2138 Flying Horse Club Drive
Colorado Springs, CO 80921

Attn: Jim Boulton

Re: Density Testing – Storm Sewer
Forest Lakes Residential Development, Filing 2
Colorado Springs, Colorado
Report No. 1, Tests 1 – 7

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 June 30 – July 2, 2020. 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.

MH Hauschild
Mark H. Hauschild, P.E.
Senior Engineer

MHH/bo

Enclosure



Entech Job No. 192273

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Client: FLRD #2	Entech Job #: 192273.4	Proctor Value Key: M = modified, ASTM D-1557
Project: Forest Lakes Residential Development, Filing 2	Tested By: S. Reardanz	S = standard, ASTM D-698
Subject: Storm Sewer	Report Date: 07-07-2020	T = AASHTO, T-180

Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
1	Manhole, Station 5 + 57.36 (Storm Main C), Forest Lakes Drive, 6' below grade.	6/30/20	97	95	7.6	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
2	Manhole, Station 5 + 57.36 (Storm Main C), Forest Lakes Drive, 4' below grade.	6/30/20	97	95	7.9	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
3	Manhole, Station 5 + 57.36 (Storm Main C), Forest Lakes Drive, 2' below grade.	6/30/20	96	95	8.3	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
4	Manhole, Station 5 + 57.36 (Storm Main C), Forest Lakes Drive, at grade.	6/30/20	98	95	7.8	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
5	Main, Station 3 + 50 (Storm Main K), at springline.	7/2/20	97	95	8.3	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
6	Main, Station 3 + 65 (Storm Main K), 8' below grade.	7/2/20	97	95	7.9	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
7	Main, Station 3 + 80 (Storm Main K), 6' below grade.	7/2/20	98	95	8.1	SM	M - 130.4 @ 8.1	<input type="checkbox"/>

Comments:

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

All dimensions are approximate. Cl. = Centerline

 <p>ENTECH ENGINEERING, INC. 505 Elkton Drive Colorado Springs, CO 80907 (719) 531-5599 • (719) 531-5238 (fax)</p>	<p>FIELD DENSITY RESULTS</p>	<p><i>Marcel H. Haasehold, P.E.</i></p>
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