



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 – Sanitary Sewer
Forest Lakes Residential Development, Filing #2
Colorado Springs, Colorado
Report No. 3, Tests 85 – 97

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 29 – 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.

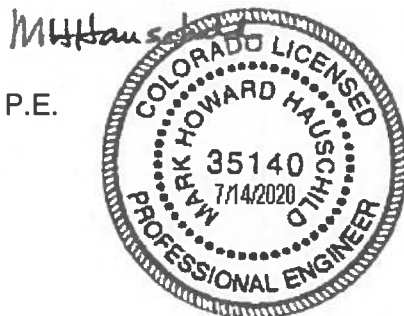
Mark H. Hauschild, P.E.
Senior Engineer

MHH/bo

Enclosure

Entech Job No. 192273

F:\AA projects\2019\192273-FLRD #2-Forest Lakes Residential Development Filing #5-110-ConMat\192273_2cl3stamp.doc




Client: FLRD #2	Entech Job #: 192273.2	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: Sanitary 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
85	Manhole #8, Station 19 + 44.90, Forest Lakes Drive, at grade.	6/29/20	98	95	9.3	SM	M - 127.9 @ 9.2	<input type="checkbox"/>
86	Main, Station 17 + 45, Forest Lakes Drive, 6' below grade.	6/29/20	98	95	8.4	SM	M - 127.9 @ 9.2	<input type="checkbox"/>
87	Main, Station 17 + 60, Forest Lakes Drive, 4' below grade.	6/29/20	99	95	8.7	SM	M - 127.9 @ 9.2	<input type="checkbox"/>
88	Main, Station 17 + 75, Forest Lakes Drive, 2' below grade.	6/29/20	97	95	9.1	SM	M - 127.9 @ 9.2	<input type="checkbox"/>
89	Main, Station 18 + 00, Forest Lakes Drive, at grade.	6/29/20	97	95	9.3	SM	M - 127.9 @ 9.2	<input type="checkbox"/>
90	Main, Station 14 + 55, Forest Lakes Drive, 15' below grade.	7/1/20	96	95	8.6	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
91	Main, Station 14 + 75, Forest Lakes Drive, 13' below grade.	7/1/20	98	95	8.2	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
92	Main, Station 14 + 85, Forest Lakes Drive, 11' below grade.	7/1/20	97	95	9.0	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
93	Main, Station 15 + 00, Forest Lakes Drive, 9' below grade.	7/1/20	97	95	8.3	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
94	Manhole #7, Station 14 + 44.90, Forest Lakes Drive, 16' below grade.	7/2/20	97	95	8.5	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>Mark H. Haasehill, P.E.</i></p>
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Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
95	Manhole #7, Station 14 + 44.90, Forest Lakes Drive, 14' below grade.	7/2/20	98	95	8.5	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
96	Manhole #7, Station 14 + 44.90, Forest Lakes Drive, 12' below grade.	7/2/20	97	95	8.8	SM	M - 130.4 @ 8.1	<input type="checkbox"/>
97	Manhole #7, Station 14 + 44.90, Forest Lakes Drive, 10' below grade.	7/2/20	98	95	8.1	SM	M - 130.4 @ 8.1	<input type="checkbox"/>

Comments:

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