



ENTECH
ENGINEERING, INC.

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

July 29, 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. 6, Tests 67 – 85

Dear Mr. Jim 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 July 22, 2021 – July 23, 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.

MH Hauschild

Mark H. Hauschild, P.E.
Senior Engineer



MHH/kw

Enclosure

Entech Job No. 201326

F:\AA projects\2020\201326-FLRD-Forest Lakes F6-110-ConMat\201326_2cl6.doc

Client: FLRD #6	Entech Job #: 201326.2	Proctor Value Key: M = modified, ASTM D-1557
Project: Forest Lakes Residential Development, Filing 6	Tested By: S. Wood/K. Anderson	S = standard, ASTM D-698
Subject: Sanitary Sewer	Report Date: 07-29-2021	T = AASHTO, T-180

Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
67	Sanitary Service to Lot 63 on Timber Trek, 12' below grade.	7/22/21	99	98	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
68	Sanitary Service to Lot 57 on Timber Trek, 8' below grade.	7/22/21	97	95	6.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
69	Sanitary Service to Lot 57 on Timber Trek, 6' below grade.	7/22/21	97	95	6.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
70	Sanitary Service to Lot 57 on Timber Trek, 4' below grade.	7/22/21	97	95	5.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
71	Sanitary Service to Lot 67 on Timber Trek, 6' below grade.	7/22/21	98	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
72	Sanitary Service to Lot 67 on Timber Trek, 4' below grade.	7/22/21	99	95	7.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
73	Sanitary Service to Lot 58 on Timber Trek, 10' below grade.	7/23/21	95	95	5.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
74	2' west of manhole 13 on Timber Trek, 11' below grade.	7/23/21	100	98	6.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
75	2' east of manhole 13 on Timber Trek, 9' below grade.	7/23/21	100	95	6.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
76	Timber Trek Main Station 5 + 00, 8' below grade.	7/23/21	100	95	6.0	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

 <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. Haasehild, 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
77	3' west of Manhole 13 on Timber Trek, 7' below grade.	7/23/21	95	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
78	3' east of Manhole 13 on Timber Trek, 5' below grade.	7/23/21	96	95	6.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
79	Service to Timber Trek Lot 55, 8' below grade.	7/23/21	97	95	6.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
80	Service to Timber Trek Lot 55, 6' below grade.	7/23/21	96	95	6.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
81	Service to Timber Trek Lot 55, 4' below grade.	7/23/21	97	95	6.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
82	Service to Timber Trek Lot 56, 4' below grade.	7/23/21	95	95	5.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
83	3' south of Manhole 13 on Timber Trek, 3' below grade.	7/23/21	98	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
84	Service to Timber Trek Lot 55, 4' below grade.	7/23/21	99	95	6.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
85	3' northeast of Manhole 13 on Timber Trek, 3' below grade.	7/23/21	98	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

Comments:

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