



ENTECH
ENGINEERING, INC.

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

May 27, 2022

Classic Communities
2138 Flying Horse Club Drive
Colorado Springs, CO. 80921

Attn: Mark Sherwood

Re: Density Testing – Sanitary Sewer
Forest Lakes Development, Filing 7
Colorado Springs, Colorado
Report No. 4, Tests 88 – 115

Dear Mr. Sherwood,

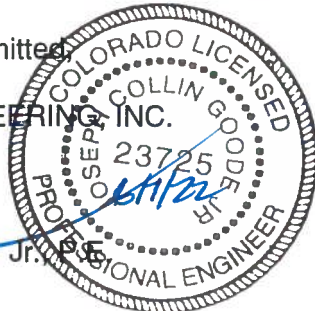
As requested, personnel of Entech Engineering, Inc. have performed density testing at the above referenced site.

Density testing on this site was performed on April 6 through 8, 2022. The density testing indicates that the materials have been adequately compacted at the depths and in the locations noted, with the exception of test 108. However, a re-test was taken the same day on April 8, 2022. 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., P.E.
President

JCG/pb

Enclosure

Entech Job No. 220622

F:\AA projects\2022\220622-FKRD-Forest Lakes F7-110-ConMat\220622_2cl4.doc

Client: Classic Communities	Entech Job #: 220622.2	Proctor Value Key: M = modified, ASTM D-1557
Project: Forest Lakes Development, Filing 7	Tested By: B. Wasilik	S = standard, ASTM D-698
Subject: Sanitary Sewer	Report Date: 05-27-2022	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
88	Service, Lot # 77, 6' below grade.	4/6/2022	97	95	6.8	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/> = Fail
89	Service, Lot # 77, 4' below grade.	4/6/2022	98	95	8.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
90	Service, Lot # 9, 10' below grade.	4/6/2022	98	95	8.0	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
91	Service, Lot # 9, 8' below grade.	4/6/2022	99	95	7.7	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
92	Main, Station # 12 + 50 on Mesa Top Drive, 13' below grade.	4/6/2022	95	95	7.6	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
93	Main, Station # 12 + 50 on Mesa Top Drive, 11' below grade.	4/6/2022	96	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
94	Main, Station # 12 + 50 on Mesa Top Drive, 9' below grade.	4/6/2022	99	95	8.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
95	Manhole # 5, 2' below grade.	4/6/2022	99	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
96	Service, Lot # 9, 6' below grade.	4/6/2022	98	95	6.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
97	Service, Lot # 9, 4' below grade.	4/6/2022	100	95	6.8	SM	M - 125.7 @ 8.8	<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) 531-5595 • (719) 531-5238 (fax)</p>	<p>FIELD DENSITY RESULTS</p>	<p><i>Joseph C. Goode, Jr., P.E.</i></p>
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Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
98	Main, Station # 12 + 50 on Mesa Top Drive, 7' below grade.	4/6/2022	99	95	6.9	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>
99	Main, Station # 12 + 50 on Mesa Top Drive, 5' below grade.	4/7/2022	99	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
100	Manhole # 50, at grade.	4/7/2022	98	95	7.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
101	Service, Lot # 8, 10' below grade.	4/7/2022	96	95	7.1	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
102	Service, Lot # 8, 8' below grade.	4/7/2022	98	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
103	Main, Station # 12 + 25 on Mesa Top Drive, 3' below grade.	4/7/2022	95	95	6.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
104	Service, Lot # 8, 6' below grade.	4/7/2022	99	95	9.1	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
105	Service, Lot # 8, 4' below grade.	4/7/2022	98	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
106	Service, Lot # 8, 2' below grade.	4/7/2022	100	95	6.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
107	Service, Lot # 8, at grade.	4/7/2022	99	95	7.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>

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Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
108	Service, Lot # 75, 9' below grade.	4/8/2022	96	95	4.2	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>
108a	Service, Lot # 75, 9' below grade (retest)	4/8/2022	97	95	7.2	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
109	Service, Lot # 75, 7' below grade.	4/8/2022	96	95	6.8	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>
110	Service, Lot # 75, 5' below grade.	4/8/2022	100	95	7.0	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>
111	Service, Lot # 75, 3' below grade.	4/8/2022	99	95	7.2	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>
112	Service, Lot # 75, 1' below grade.	4/8/2022	98	95	7.1	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>
113	Service, Lot # 75, at grade.	4/8/2022	98	95	7.4	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>
114	Service, Lot # 11, 9' below grade.	4/8/2022	96	95	7.3	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>
115	Service, Lot # 11, 7' below grade.	4/8/2022	98	95	6.9	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/>

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FIELD DENSITY RESULTS

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