



**ENTECH**  
ENGINEERING, INC.

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

June 17, 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. 9, Tests 274 - 311

Dear Mr. Sherwood,

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

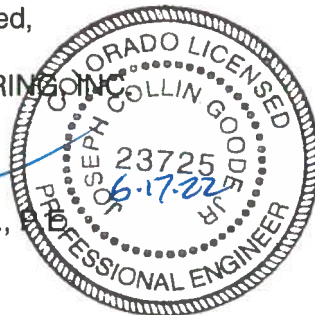
Density testing on this site was performed on April 26 through 27, 2022. The density testing indicates that the materials have been adequately compacted at the depths and in the locations noted. Results of the density tests are enclosed with this letter.

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/pb

Enclosure

Entech Job No. 220622

F:\AA projects\2022\220622-FLRD-Forest Lakes F7-110-ConMat\220622\_2cl9.doc

<b>Client:</b> Classic Communities	<b>Entech Job #:</b> 220622.2	<b>Proctor Value Key:</b> M = modified, ASTM D-1557
<b>Project:</b> Forest Lakes Development, Filing 7	<b>Tested By:</b> B. Wasilik	S = standard, ASTM D-698
<b>Subject:</b> Sanitary Sewer	<b>Report Date:</b> 06-17-2022	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
274	Service, Lot # 35, 2' below grade.	4/26/2022	96	95	8.2	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
275	Service, Lot # 35, at grade.	4/26/2022	95	95	7.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
276	Main, Station # 6 + 00 on Foothill Flash Court, 10' below grade.	4/26/2022	95	95	12.0	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
277	Main, Station # 6 + 00 on Mountain Ledge Lane, 8' below grade.	4/26/2022	95	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
278	Main, Station # 6 + 00 on Mountain Ledge Lane, 6' below grade.	4/26/2022	97	95	7.4	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
279	Main, Station # 6 + 00 on Mountain Ledge Lane, 4' below grade.	4/26/2022	97	95	6.2	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
280	Main, Station # 6 + 00 on Foothills Flash Court, 8' below grade.	4/26/2022	98	95	9.1	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
281	Service, Lot # 40, 8' below grade.	4/26/2022	100	95	9.5	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
282	Main, Station # 6 + 00 on Mountain Lodge Lane, 2' below grade.	4/26/2022	98	95	7.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
283	Main, Station # 6 + 00 on Mountain Lodge Lane, at grade.	4/26/2022	99	95	7.3	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><b>ENTECH</b> ENGINEERING, INC. 505 Elkton Drive Colorado Springs, CO 80907 (719) 531-5599 • (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
284	Service, Lot # 40, 6' below grade.	4/26/2022	97	95	9.0	SM	M - 125.7 @ 8.8	<input checked="" type="checkbox"/> = Fail
285	Service, Lot # 40, 4' below grade.	4/26/2022	95	95	8.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
286	Service, Lot # 40, 2' below grade.	4/26/2022	96	95	8.0	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
287	Service, Lot # 40, 1' below grade.	4/26/2022	98	95	7.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
288	Service, Lot # 40, at grade.	4/26/2022	95	95	7.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
289	Service, Lot # 38, 10' below grade.	4/26/2022	98	95	11.7	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
290	Main, Station # 5 + 45 on Foothills Flash Court, 9' below grade.	4/26/2022	95	95	9.2	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
291	Service, Lot # 38, 8' below grade.	4/26/2022	97	95	8.8	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
292	Service, Lot # 38, 6' below grade.	4/26/2022	96	95	9.1	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
293	Main, Station # 5 + 45 on Foothills Flash Court, 7' below grade.	4/26/2022	98	95	10.0	SM	M - 118.7 @ 10.0	<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
294	Service, Lot # 38, 4' below grade.	4/26/2022	97	95	8.4	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
295	Main, Station # 5 + 45 on Foothills Flash Court, 5' below grade.	4/26/2022	97	95	9.1	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
296	Service, Lot # 38, 2' below grade.	4/26/2022	99	95	8.8	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
297	Service, Lot # 38, at grade.	4/27/2022	99	95	8.8	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
298	Service, Lots # 36 and 43, 9' below grade.	4/27/2022	99	95	9.8	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
299	Service, Lots # 36 and 43, 7' below grade.	4/27/2022	97	95	9.2	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
300	Service, Lots # 36 and 43, 5' below grade.	4/27/2022	100	95	10.0	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
301	Service, Lots # 36 and 43, 3' below grade.	4/27/2022	100	95	10.0	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
302	Manhole # 14, 11' below grade.	4/27/2022	100	95	9.9	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
303	Main, Station # 5 + 45 on Foothills Flash Court, 3' below grade.	4/27/2022	99	95	10.3	SM	M - 118.7 @ 10.0	<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
304	Main, Station 5 + 45 on Foothills Flash Court, 1' below grade.	4/27/2022	99	95	10.5	SM	M - 118.7 @ 10.0	<input checked="" type="checkbox"/> = Fail
305	Main, Station 5 + 45 on Foothills Flash Court, at grade.	4/27/2022	100	95	10.1	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
306	Service, Lots # 36 and 43, 1' below grade.	4/27/2022	100	95	8.4	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
307	Service, Lots # 36 and 43, at grade.	4/27/2022	100	95	9.0	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
308	Manhole # 14, 9' below grade.	4/27/2022	96	95	8.3	SM	M - 118.7 @ 10.0	<input type="checkbox"/>
309	Service, Lot # 44, 8' below grade.	4/27/2022	95	95	7.1	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
310	Service, Lot # 44, 6' below grade.	4/27/2022	99	95	7.0	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
311	Manhole # 14, 7' below grade.	4/27/2022	97	95	10.2	SM	M - 118.7 @ 10.0	<input type="checkbox"/>

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