



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. 3, Tests 40 – 87

Dear Mr. Sherwood,

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

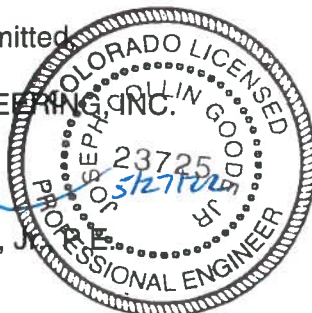
Density testing on this site was performed on March 31 through April 6, 2022. The density testing indicates that the materials have been adequately compacted at the depths and in the locations noted. Results of the density tests are enclosed with this letter.

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-FKRD-Forest Lakes F7-110-ConMat\220622_2cl3.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
40	Service, Lot # 3, 10' below grade.	3/31/2022	96	95	9.7	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
41	Service, Lot # 3, 8' below grade.	3/31/2022	99	95	7.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
42	Service, Lot # 3, 6' below grade.	3/31/2022	99	95	8.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
43	Service, Lot # 3, 4' below grade.	3/31/2022	100	95	8.4	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
44	Service, Lot # 3, 2' below grade.	3/31/2022	98	95	8.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
45	Service, Lot # 3, at grade.	3/31/2022	99	95	10.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
46	Service, Lot # 2, 8' below grade.	3/31/2022	95	95	8.6	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
47	Service, Lot # 2, 6' below grade.	3/31/2022	97	95	9.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
48	Service, Lot # 2, 4' below grade.	3/31/2022	99	95	7.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
49	Manhole # 6, 10' below grade.	3/31/2022	96	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) 531-5599 • (719) 531-5238 (fax)</p>	<p>FIELD DENSITY RESULTS</p>	<p><i>Joseph C. Goode, Jr., P.E.</i></p>
--	------------------------------	--

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
50	Service, Lot # 2, 2' below grade.	3/31/2022	100	95	7.0	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
51	Manhole # 6, 8' below grade.	3/31/2022	95	95	7.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
52	Manhole # 6, 6' below grade.	3/31/2022	98	95	7.6	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
53	Service, Lot # 2, at grade.	3/31/2022	97	95	10.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
54	Manhole # 6, 4' below grade.	4/01/2022	98	95	7.4	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
55	Manhole # 6, 2' below grade.	4/01/2022	99	95	7.6	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
56	Main, Station # 16 + 00, 8' below grade.	4/01/2022	96	95	7.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
57	Main, Station # 16 + 00, 6' below grade.	4/01/2022	100	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
58	Main, Station # 16 + 00, 4' below grade.	4/01/2022	97	95	8.1	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
59	Main, Station # 16 + 00, 2' below grade.	4/01/2022	100	95	7.5	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



ENTECH
ENGINEERING, INC.
 505 Elkton Drive
 Colorado Springs, CO 80907
 (719) 531-5599 • (719) 531-5238 (fax)

FIELD DENSITY RESULTS

Joseph C. Goode, Jr., P.E.

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
60	Service, Lots # 6 and 78, 8' below grade.	4/4/2022	95	95	10.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
61	Manhole # 6, at grade.	4/4/2022	95	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
62	Main, Station # 16 + 00, at grade.	4/4/2022	100	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
63	Service, Lots # 6 and 78, 6' below grade.	4/4/2022	95	95	10.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
64	Service, Lots # 6 and 78, 4' below grade.	4/4/2022	96	95	10.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
65	Service, Lots # 6 and 78, 2' below grade.	4/4/2022	97	95	10.4	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
66	Service, Lots # 79, 7' below grade.	4/4/2022	95	95	10.5	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
67	Service, Lots # 79, 5' below grade.	4/4/2022	97	95	10.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
68	Service, Lots # 5, 8' below grade.	4/4/2022	95	95	10.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
69	Service, Lot # 5, 6' below grade.	4/5/2022	96	95	7.8	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) 531-5599 • (719) 531-5238 (fax)</p>	<p>FIELD DENSITY RESULTS</p>	<p>Joseph C. Gonde, Jr., P.E.</p>
--	------------------------------	-----------------------------------

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
70	Service, Lot # 5, 4' below grade.	4/5/2022	96	95	7.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
71	Service, Lot # 5 and 79, 2' below grade.	4/5/2022	99	95	7.1	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
72	Service, Lot # 5 and 79, at grade.	4/5/2022	98	95	7.7	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
73	Service, Lot # 7, 9' below grade.	4/5/2022	96	95	7.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
74	Service, Lot # 7, 7' below grade.	4/5/2022	95	95	7.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
75	Service, Lot # 7, 5' below grade.	4/5/2022	98	95	8.7	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
76	Service, Lot # 7, 3' below grade.	4/5/2022	100	95	7.3	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
77	Service, Lot # 7, 1' below grade.	4/5/2022	99	95	8.7	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
78	Service, Lot # 76, 8' below grade.	4/5/2022	95	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
79	Manhole # 5, 10' below grade.	4/5/2022	97	95	7.6	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) 531-5599 • (719) 531-5238 (fax)</p>	<p>FIELD DENSITY RESULTS</p>	<p><i>Joseph C. Goode, Jr., P.E.</i></p>
--	------------------------------	--


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
80	Service, Lot # 76, 6' below grade.	4/5/2022	98	95	6.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
81	Service, Lot # 76, 4' below grade.	4/5/2022	100	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
82	Service, Lot # 76, 2' below grade.	4/5/2022	96	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
83	Manhole # 5, 8' below grade.	4/6/2022	99	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
84	Manhole # 5, 6' below grade.	4/6/2022	95	95	6.9	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
85	Service, Lot # 77, 10' below grade.	4/6/2022	95	95	6.8	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
86	Service, Lot # 77, 8' below grade.	4/6/2022	96	95	8.0	SM	M - 125.7 @ 8.8	<input type="checkbox"/>
87	Manhole # 5, 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) 531-5599 • (719) 531-5238 (fax)</p>	<p>FIELD DENSITY RESULTS</p>	<p><i>Joseph C. Goode, Jr., P.E.</i></p>
--	------------------------------	--