

Report Of: Report of In-Place Moisture and Density
Lab No: 16506-1
Report No: C24T2055-0075
Project No: C24T2055
Client: CTYSCACO
Page 1 of 2
Client: Cityscape Construction - Tudor, LLC
Tom Vernizzi
10 W Carmel Dr
Ste 200
Carmel, IN 46032

Project: Evren Apartments - Lee's Summit, MO

Report Date: 05/06/2025

Service Date: 05/05/2025

Technician: Bucl, Colby

Client PO:
Location: 25 NE Tudor Rd, Lee's Summit, MO 64086

Proctor No	Proctor Date	Optimum Moisture (%)	Maximum Dry Density (pcf)	Color / Description	Atterberg Limits		
					Liquid Limit	Plastic Limit	Plasticity Index
2055KV1	03/15/2025	25.8	90.4	Reddish Brown / Clay	49	23	26
2055KV2	03/15/2025	23.0	96.8	Brown / Dark Brown / Clay	43	21	22
2055KV3	03/15/2025	21.2	99.1	Light Brown W/ Gry Brown / Clay with trace organics	45	20	25

Specification

Specification No.	Compaction, %	Moisture Band	
		Minimum	Maximum
1	90		5.0

Location Group: BLDG 4 / Maintenance BLDG

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
352	10	-4.0'	Mainline Test 2	119.5	23.8	96.5	2055KV2	1	+0.8	99.7
353	10	-6'	Mainline Test 3	119.9	24.2	96.5	2055KV2	1	+1.2	99.7
354	10	-8'	Mainline Test 4	122.1	20.1	101.7	2055KV3	1	-1.1	102.6
355	10	-10'	Mainline Test 5	115.9	19.9	96.7	2055KV2	1	-3.1	99.9

Location Group: Building 4

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
366	10	-3'	Service Line Test 1	103.1	21.5	84.9	2055KV1	1	-4.3	93.9
367	10	-5'	Service Line Test 2	113.9	17.7	96.8	2055KV3	1	-3.5	97.7
368	10	-7'	Service Line Test 3	114.5	17.8	97.2	2055KV3	1	-3.4	98.1
370	10	-11'	Service Line Test 5	115.2	18.2	97.5	2055KV3	1	-3.0	98.4

Location Group: Building 4

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
369	10	-9'	Service Line Test 4	110.3	17.7	93.7	2055KV3	1	-3.5	94.6

Orig: Cityscape Construction - Tudor, LLC

Attn: Tom Vernizzi (1-ec copy)

1-ec Cityscape Residential, LLC Attn: Tim Mertz

1-ec Cityscape Construction - Tudor, LLC

Attn: Shawn Bartholomew

1-ec Cityscape Construction - Tudor, LLC

Attn: Lyndsey Diffey

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Location Group: Maintenance Building

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
356	10	-2'	Service line 1	120.5	23.3	97.7	2055KV2	1	+0.3	100.9
357	10	-4'	Service line 2	118.8	24.3	95.6	2055KV2	1	+1.3	98.8
358	10	-6'	Service line 3	112.8	24.6	90.5	2055KV1	1	-1.2	100.1
359	10	-8'	Service line 4	112.2	24.1	90.4	2055KV1	1	-1.7	100.0
360	10	-10'	Service Line 5	111.4	27.3	87.5	2055KV1	1	+1.5	96.8

Location Group: Public Sewer Main, Manhole 6-7

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
351	10	-2'	Mainline Test 1	119.7	23.9	96.6	2055KV2	1	+0.9	99.8
361	10	-3'	Mainline Test 6	112.9	21.7	92.8	2055KV2	1	-1.3	95.9
362	10	-5'	Mainline Test 7	118.3	21.2	97.6	2055KV3	1	+0.0	98.5
363	10	-7.0'	Mainline Test 7	112.8	20.2	93.8	2055KV2	1	-2.8	96.9
364	10	-9'	Mainline Test 8	111.7	20.1	93.0	2055KV2	1	-2.9	96.1
365	10	-11'	Mainline Test 10	110.3	21.1	91.1	2055KV2	1	-1.9	94.1

Gauge No.: 86360 Daily Standard Counts: 05/05/2025 DS: 2312 MS: 677

Test Mode: direct trans.

Test Methods: ASTM D2922, D3017

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Respectfully Submitted,
Kaw Valley Engineering


Glenn Schouten, Materials Engineer