Soil Density Report

Entech Engineering
505 Elkton Dr.
Colorado Springs , CO 80907
Phone: 719-531-5599

Client:

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

Project:

221459
Jackson Creek Parkway & State Highway 105
Jackson Creek Parkway & State Highway 105
Monument, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
34 / 56	Roadway Subgrade: Jackson Creek Pkwy, middle lane, 175' north of Fat Tire Dr.	-	At Grade	12/09/2025	P4	10.9	118.1	95	95	-2 / 2	DP/MP		BW
35 / 57	Roadway Subgrade: Jackson Creek Pkwy., middle lane, 200' south of Laughing Lab Way.	-	At Grade	12/09/2025	P4	8.2	118.2	95	95	-2 / 2	DP/MP		BW
36 / 58	Roadway Subgrade: Jackson Creek Pkwy., middle lane, 6' south of Laughing Lab Way.	-	At Grade	12/09/2025	P4	10.2	121.5	98	95	-2 / 2	DP/MP		BW
37 / 59	Roadway Subgrade: Jackson Creek Pkwy., middle lane, 200' north of Laughing Lab Way.	-	At Grade	12/09/2025	P1	13.6	111.7	100	95	-2 / 2	DP/MP		BW
38 / 60	Roadway Subgrade: Jackson Creek Pkwy., middle lane, 50' south of Hwy 105.	-	At Grade	12/09/2025	P3	6.7	133.3	97	95	-2 / 2	DP/MP		BW
39 / 61	Roadway Subgrade: RCB, middle lane of Jackson Creek Pkwy., 25' north of Laughing Lab Way.	-	At Grade	12/11/2025	P6	15.1	105.6	99	95	-2 / 2	DP/MP		BW
40 / 62	Roadway Subgrade: RCB, middle lane of Jackson Creek Pkwy., 50' south of Laughing Lab Way.	-	At Grade	12/11/2025	P6	15.4	102.7	96	95	-2 / 2	DP/MP		BW
41 / 63	Roadway Subgrade: RCB, middle lane of Jackson Creek Pkwy., 250' south of Laughing Lab Way.	-	At Grade	12/11/2025	P6	13.7	104.7	98	95	-2 / 2	DP/MP		BW
42 / 64	Roadway Subgrade: RCB, middle lane of Jackson Creek Pkwy., 55' north of Fat Tire Dr.	-	At Grade	12/11/2025	P6	13.1	106.8	100	95	-2 / 2	DP/MP		BW
4 / 65	Curb & Gutter: 50' north & 3' west of the intersection at Jackson Creek Pkwy. & Fat Tire Dr.	-	At Grade	12/12/2025	P3	5.6	131.9	96	95	-2 / 2	DP/MP		DB
5 / 66	Curb & Gutter: 250' north & 3' west of the intersection at Jackson Creek Pkwy. & Fat Tire Dr.	-	At Grade	12/12/2025	P3	5.9	134.6	98	95	-2 / 2	DP/MP		DB
6 / 67	Curb & Gutter: 450' north & 3' west of the intersection at Jackson Creek Pkwy. & Fat Tire Dr.	-	At Grade	12/12/2025	P5	13.9	109.6	96	95	-2 / 2	DP/MP		DB
7 / 68	Curb & Gutter: Jackson Creek Pkwy. median, west side, 75' south of Hwy 105.	-	At Grade	12/12/2025	P6	16.2	105.1	99	95	-2 / 2	DP/MP		BW
8 / 69	Curb & Gutter: Jackson Creek Pkwy. median, west side, 200' south of Hwy 105.	-	At Grade	12/12/2025	P6	16.0	105.5	99	95	-2 / 2	DP/MP		BW
9 / 70	Curb & Gutter: Jackson Creek Pkwy. median, west side, 35' north of Laughing Lab Way.	-	At Grade	12/12/2025	P6	16.0	105.7	99	95	-2 / 2	DP/MP		BW

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20 / 71	Storm Water: 10' south & 10' west of the southwest corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	4	Below Grade	12/19/2025	P3	7.3	133.4	97	95	-2 / 2	DP/MP		JB

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4		SM	8.9	124.5
P1	ASTM D698 - A	SC	11.6	112
P3	ASTM D1557 - C	Cls 6 ABC	5.4	138.1
P6		Cls 6 R.C.	15.5	106.6
P5		Cls 6 R.C.	14.6	114.2

12/23/2025
Reviewed by: Joey Goode, PE