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Colorado Springs
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Colorado Springs, CO 80918
Phone: 719-528-8300

Compaction Testing

Report #: SNG-000055
Test date: 06/23/22
Report Date: 06/27/2022
Test Method: ASTM D 6938

Client:
Sub4 Development Corporation
2301 West Bradley Avenue Suite 2
Champaign, IL 61821

Project:
CS19163.001F-345
Solace Colorado Springs
Powers Boulevard and Galley Road
Colorado Springs, CO

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
124		06/23/22	1	1557B	Granular	7.7	130.0	7.4	124.5	133.7	8	96	95	-2 / 2	A
125		06/23/22	1	1557B	Granular	7.7	130.0	8.0	122.9	132.7	8	95	95	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
124	Wingwall Backfill: North spillway retention wall. Northwest wingwall	10.0	Below Proposed Grade	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
125	Wingwall Backfill: North spillway retention wall. Northeast wingwall	10.0	Below Proposed Grade	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary

Remarks

A: Test results comply with specifications.

Comments

Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

125: During the requested site visit, CTL Thompson observed the contractor moisture conditioning and applying compaction effort to the spillway wall backfill. Weather: sunny and 95 degrees F.