

**Report #:** SNG-000086  
**Test date:** 08/08/22  
**Report Date:** 08/12/2022  
**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

Colorado Springs  
 5170 Mark Dabling Blvd  
 Colorado Springs, CO 80918  
 Phone: 719-528-8300

**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
207		08/08/22	50	698B	Cohesive	11.2	121.0	9.2	115.3	125.9	8	95	95	-2 / 2	A
208		08/08/22	50	698B	Cohesive	11.2	121.0	9.7	115.0	126.2	8	95	95	-2 / 2	A
209		08/08/22	50	698B	Cohesive	11.2	121.0	9.7	115.0	126.2	8	95	95	-2 / 2	A
210		08/08/22	50	698B	Cohesive	11.2	121.0	10.7	115.1	127.4	8	95	95	-2 / 2	A
211		08/08/22	50	698B	Cohesive	11.2	121.0	11.4	121.5	135.4	8	100	95	-2 / 2	A

**Test Information**

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
207	Channel Liner: West slope of channel, approximately 125 feet south of the 12 foot wall.	0.0	Below Proposed Grade	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
208	Channel Liner: East slope of channel, approximately 125 feet south of the 12 foot wall.	0.0	Below Proposed Grade	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
209	Channel Liner: West slope of channel, approximately 162 feet south of the 12 foot wall.	0.0	Below Proposed Grade	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
210	Channel Liner: East slope of channel, approximately 162 feet south of the 12 foot wall.	0.0	Below Proposed Grade	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
211	Channel Liner: Bottom of channel, approximately 162 feet south of the 12 foot wall.	0.0	Below Proposed Grade	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary

Remarks	Comments
A: Test results comply with specifications.	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.  <b>211:</b> During the requested site visits, CTL Thompson observed the contractor moisture conditioning and applying compaction effort to the channel. Weather: sunny and 90 degrees F.