

**Report #:** SNG-000080  
**Test date:** 07/30/22  
**Report Date:** 08/05/2022  
**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
188		07/30/22	50	698B	Cohesive	11.2	121.0	10.8	118.1	130.9	8	98	95	-2 / 2	A
189		07/30/22	50	698B	Cohesive	11.2	121.0	9.3	119.7	130.8	8	99	95	-2 / 2	A
190		07/30/22	50	698B	Cohesive	11.2	121.0	9.4	120.7	132.0	8	100	95	-2 / 2	A
191		07/30/22	50	698B	Cohesive	11.2	121.0	10.0	120.7	132.8	8	100	95	-2 / 2	A

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
188	Channel Liner: East slope of channel, approximately 10 feet south of the 12 foot wall.	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
189	Channel Liner: Center of channel, approximately 10 feet south of the 12 foot wall.	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
190	Channel Liner: West slope of channel, approximately 10 feet south of the 12 foot wall.	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
191	Channel Liner: Center of channel, approximately 35 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>191:</b> During the requested site visit, CTL Thompson observed the contractor moisture conditioning and applying compaction effort to the channel liner. Weather: sunny and 94 degrees F.