

**Report #:** SNG-000091  
**Test date:** 08/18/22  
**Report Date:** 08/23/2022  
**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
226		08/18/22	1	1557B	Granular	7.7	130.0	7.4	124.6	133.8	8	96	95	-2 / 2	A
227		08/18/22	1	1557B	Granular	7.7	130.0	7.6	125.2	134.7	8	96	95	-2 / 2	A
228		08/18/22	1	1557B	Granular	7.7	130.0	6.0	124.2	131.7	8	96	95	-2 / 2	A
229		08/18/22	1	1557B	Granular	7.7	130.0	7.7	124.6	134.2	8	96	95	-2 / 2	A
230		08/18/22	1	1557B	Granular	7.7	130.0	8.0	123.3	133.2	8	95	95	-2 / 2	A

**Test Information**

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
226	Channel Liner: East slope of channel. 38.8503827 -104.7154339	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
227	Channel Liner: Center of channel. 38.8478305 -104.7147247	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
228	Channel Liner: West slope of channel. 38.8475165 -104.7146325	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
229	Storm Sewer Trench Backfill: 38.8505789 -104.7152443	2.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
230	Storm Sewer Trench Backfill: 38.8505789 -104.7152443	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>230:</b> During the requested site visits, CTL Thompson observed the contractor moisture conditioning and applying compaction effort to the channel liner and storm sewer trench backfills. Weather: sunny and 86 degrees F.