

Report #: SNG-000082
Test date: 08/02/22
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
194		08/02/22	50	698B	Cohesive	11.2	121.0	9.5	115.1	126.0	8	95	95	-2 / 2	A
195		08/02/22	50	698B	Cohesive	11.2	121.0	9.6	117.1	128.3	8	97	95	-2 / 2	A
196		08/02/22	50	698B	Cohesive	11.2	121.0	9.4	117.1	128.1	8	97	95	-2 / 2	A
197		08/02/22	50	698B	Cohesive	11.2	121.0	9.3	116.7	127.5	8	96	95	-2 / 2	A
198		08/02/22	50	698B	Cohesive	11.2	121.0	10.0	115.0	126.5	8	95	95	-2 / 2	A
199		08/02/22	50	698B	Cohesive	11.2	121.0	10.0	115.2	126.7	8	95	95	-2 / 2	A
200		08/02/22	50	698B	Cohesive	11.2	121.0	9.7	117.3	128.7	8	97	95	-2 / 2	A
201		08/02/22	50	698B	Cohesive	11.2	121.0	10.3	114.6	126.4	8	95	95	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
194	Channel Liner: East slope of channel liner, approximately 62 feet east of the 12 foot wall.	2.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
195	Channel Liner: East slope of channel liner, approximately 62 feet east of the 12 foot wall.	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
196	Channel Liner: Center of channel liner, approximately 62 feet east of the 12 foot wall.	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
197	Channel Liner: East slope of channel liner, approximately 79 feet east of the 12 foot wall.	2.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
198	Channel Liner: East slope of channel liner, approximately 79 feet east of the 12 foot wall.	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
199	Channel Liner: Center of channel liner, approximately 79 feet east of the 12 foot wall.	0.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
200	Channel Liner: West slope of channel liner, approximately 79 feet east of the 12 foot wall.	2.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
201	Channel Liner: West slope of channel liner, approximately 79 feet east 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.

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202		08/02/22	50	698B	Cohesive	11.2	121.0	9.5	115.7	126.7	8	96	95	-2 / 2	A
203		08/02/22	50	698B	Cohesive	11.2	121.0	10.1	115.0	126.6	8	95	95	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
202	Channel Liner: West slope of channel liner, approximately 62 feet east of the 12 foot wall.	2.0	Below proposed grade.	XPLORER / 3500 / 1993 / 08/31/2021	Wheatley, Zachary
203	Channel Liner: West slope of channel liner, approximately 62 feet east 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. 203: During the requested site visits, CTL Thompson observed the contractor moisture conditioning and applying compaction effort to the channel liner. Weather: sunny and 94 degrees F.