

Report #: SNG-000088
Test date: 08/15/22
Report Date: 08/22/2022
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 Dabbling 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 |
|--------|-----------|-----------|------------|--------|---------------------|----------------------|---------------------------|-----------------------|----------------------------|----------------------------|------------------|--------------------|---------------|--------------------------------|--------|
| 221 | | 08/15/22 | 50 | 698B | Cohesive | 11.2 | 121.0 | 9.8 | 115.1 | 126.4 | 8 | 95 | 95 | -2 / 2 | A |
| 222 | | 08/15/22 | 50 | 698B | Cohesive | 11.2 | 121.0 | 9.8 | 114.5 | 125.7 | 8 | 95 | 95 | -2 / 2 | A |
| 223 | | 08/15/22 | 50 | 698B | Cohesive | 11.2 | 121.0 | 9.6 | 115.2 | 126.3 | 8 | 95 | 95 | -2 / 2 | A |

Test Information

| Test # | Test Location | Elevation | Reference | Gauge Make / Model / SN / Calibrated | Field Technician |
|--------|--|-----------|-----------------------|--------------------------------------|-------------------|
| 221 | Channel Liner: West slope of channel. 38.8480503 -104.714741 | 0.0 | Below proposed grade. | XPLOER / 3500 / 1993 / 08/31/2021 | Wheatley, Zachary |
| 222 | Channel Liner: Center of channel. 38.8478397 -104.714737 | 0.0 | Below proposed grade. | XPLOER / 3500 / 1993 / 08/31/2021 | Wheatley, Zachary |
| 223 | Channel Liner: East slope of channel 38.8479149 -104.7148083 | 0.0 | Below proposed grade. | XPLOER / 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. 223: During the requested site visit, CTL Thompson observed the contractor moisture conditioning and applying compaction effort to the channel liner. Weather: sunny and 87 degrees F. |