



5800 Cornhusker Hwy.
Suite 4
Lincoln, NE 68507

Project: York, NE Fire Station
Location: York, NE
Technician: D'Mitre Hedrick

Compaction Test Report

Job No.: 09272.0001
P.M.: Robert McClenahan
Phase: Building pad overexcavation fill

Gauge Model Number: HS 5001 EZ2
Gauge Serial Number: 10499

Gauge Information

Density Standard: 2869
Moisture Standard: 330

| Test No. | Date Tested | Location Station/Offset of Test | Depth Below Grade | Soil Description | Test Method | Proctor Type: ASTM D698* | | | | Test Results | | | | | Remarks |
|----------|-------------|---------------------------------|-------------------|--------------------------------|-------------|--------------------------|------------|--------------|------------|----------------|--------|----------|------------|-----------|---------|
| | | | | | | W-U Data | | Requirements | | Unit Wt. (pcf) | WC (%) | Comp (%) | WC (+-opt) | Pass/Fail | |
| | | | | | | Max Unit Wt. (pcf) | Opt WC (%) | Comp (%)min | WC (+-opt) | | | | | | |
| 37 | 9/3/24 | 70'E and 20'S of NW Corner | +3' | Light Brown Lean Clay (L-1966) | ASTM D6938 | 100.1 | 20.3 | 95 | -/+3 | 101.9 | 17.7 | 101.8 | -2.6 | Pass | |
| 38 | 9/3/24 | 70'E and 40'S of NW Corner | +3' | Light Brown Lean Clay (L-1966) | ASTM D6938 | 100.1 | 20.3 | 95 | -/+3 | 101.5 | 18.9 | 101.4 | -1.4 | Pass | |
| 39 | 9/3/24 | 70'E and 70'S of NW Corner | +3' | Light Brown Lean Clay (L-1966) | ASTM D6938 | 100.1 | 20.3 | 95 | -/+3 | 96.7 | 21.6 | 96.6 | +1.3 | Pass | |