



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: 2888
Moisture Standard: 341

| 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) | | | | | | |
| 53 | 9/6/24 | 40'E and 30'S of NW Corner of site | Subgrade | Light Brown Lean Clay (L-1966) | ASTM D6938 | 100.1 | 20.3 | 95 | -/+3 | 101.1 | 21.2 | 101.0 | +0.9 | Pass | |
| 54 | 9/6/24 | 40'E and 60'N of SW Corner of site | Subgade | Light Brown Lean Clay (L-1966) | ASTM D6938 | 100.1 | 20.3 | 95 | -/+3 | 97.5 | 21.9 | 97.4 | +1.6 | Pass | |
| 55 | 9/6/24 | 5'E and 20'N of SW Corner of site | 1' | Light Brown Lean Clay (L-1966) | ASTM D6938 | 100.1 | 20.3 | 95 | -/+3 | 96.1 | 21.9 | 96.0 | +1.6 | Pass | |
| 56 | 9/6/24 | 40'N and 15'E of SW Corner of site | 1' | Light Brown Lean Clay (L-1966) | ASTM D6938 | 100.1 | 20.3 | 95 | +/-3 | 97.2 | 20.5 | 97.1 | +0.2 | Pass | |