



5800 Cornhusker Hwy.  
Suite 4  
Lincoln, NE 68507

Project: York, NE Fire Station  
Location: York, NE  
Technician: Jason Teague

## 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: 5498

### Gauge Information

Density Standard: 2479  
Moisture Standard: 367

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)						
15	8/26/24	SW corner of West overexcavation	2.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	102.4	19.4	102.3	-0.9	Pass	1' above overex, 2' below existing grade
16	8/26/24	50' E of SW corner of West overexcavation	2.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	101.7	18.5	101.6	-1.8	Pass	
17	8/26/24	SE corner of West overexcavation	2.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	102.5	19.2	102.4	-1.1	Pass	
18	8/26/24	50' N of SE corner of West overexcavation	2.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	104.5	17.5	104.4	-2.8	Pass	
19	8/26/24	NE corner of West overexcavation	2.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	104.1	17.3	104.0	-3	Pass	
3R-1	8/26/24	50' N of SE corner of West overexcavation	+6"	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	105.1	20.2	105.0	-0.1	Pass	Retest
14R-1	8/26/24	50' N of SE corner of West overexcavation	+2'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	95.3	21.1	95.2	+0.8	Pass	Retest