



5800 Cornhusker Hwy.
Suite 4
Lincoln, NE 68507

Project: York, NE Fire Station
Location: York, NE
Technician: Jacob Dubblede

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)						
57	9/9/24	center of West overex	1.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	100.6	17.9	100.6	+2.4	Pass	retest
58	9/9/24	Approx 80'W 25'N of SE corner of West overex	1.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	91.8	20.1	91.7	-0.2	Fail	
58R-1	9/9/24	Approx 80'W 25'N of SE corner of West overex	1.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	90.4	19.4	90.4	-0.9	Fail	
59	9/9/24	Approx 30'E 50'N of SW corner of West overex	1.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	96.3	19.3	96.3	-1.0	Pass	retest
58R-2	9/9/24	Approx 80'W 25'N of SE corner of West overex	1.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	87.2	19.0	87.2	-1.3	Fail	
58R-3	9/9/24	Approx 80'W 25'N of SE corner of West overex	1.5'	Light Brown Lean Clay (L-1966)	ASTM D6938	100.1	20.3	95	-/+3	98.6	17.5	98.5	-2.8	Pass	