

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Cushman Gas
Fairbanks, AK
Client: Ghemm Co****Project #: 2026-016
Date: May 29, 2026
Area Tested: Building Footprint Backfill****Material / Source:**
Pitrun/ INT Tria 144.8**Gauge: Instrotek 3500 Ser: # 1903
Operator: Markus Mack**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	8"	7	Building Footprint Backfill	147.4	5.6	139.6	144.8	96.4%	95%
2	pitrun	8"	7	Building Footprint Backfill	147.9	4.7	141.3	144.8	97.6%	95%