

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Fairbanks Temple**
Fairbanks, AK
Client: The Church of Jesus Christ of Latter-Day Saints**Project #: 2025-110**
Date: June 15, 2026
Area Tested: Dennison Court Backfill**Material / Source:**
3" gravel/ Van Horn 141.0**Gauge: Instrotek 3500 Ser: # 1748**
Operator: John Trush

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	3" gravel	6"	3	Dennison Court Backfill (see map)	143.2	5.6	135.6	141.0	96.2%	95%
2	3" gravel	6"	3	Dennison Court Backfill (see map)	142.2	5.3	135.0	141.0	95.8%	95%
3	3" gravel	6"	3	Dennison Court Backfill (see map)	142.2	5.6	134.7	141.0	95.5%	95%

