GEOMAT INC.
915 Malta Avenue ◆ Farmington, NM 87401 ◆ Tel (505) 327-7928 ◆ Fax (505) 326-5721

Field Density Tests

Client: Adobe Contractors
3150 N. 1st Street
Bloomfield, NM 87413

Attn: **Johnny Stinson**

Project: WNR Ponds #7 - #8

Location: Jamestown, New Mexico

Report Date: June 13, 2016
GEOMAT Project No: 161-2516
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Tested By: K. Turner/GEOMAT
Tested Date: June 8, 2016
Requested By: J. Stinson/Adobe

ASTM D6938, In Place Compaction
Density / Moisture Gauge Standard Counts
Date: 6.8.16 – DS: 2182 / MS: 609
Gauge: Troxler Model 3440, Serial No. 30419

Maximum Density 100.6 pcf @ 21.6 % Optimum Moisture (Lab No. 4069)

Test No.	Location & Elevation	Nuclear Gauge M/C (%)	Adjusted M/C (%)	% Moisture Required	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required	Probe Depth (in.)
7	Berm fill, Sta. 58+92, center of berm fill, 8th lift	21.1	20.6*	19.6-23.6	103.2**	100.6	100+	95	8.0
7SC	Berm fill, Sta. 58+92, center of berm fill, 8th lift	--	20.6*	19.6-23.6	101.8	100.6	100+	95	8.0

* Oven Dried Moisture Content
**Adjusted Dry Density Using Oven-Dried Moisture Content
SC Denotes Sandcone Test

Reviewed By:

Distribution: Adobe – Johnny Stinson (1), Bobby Lee (1)
Axis Group – Eric Lundberg (1)