

Report of Moisture Density Relationship

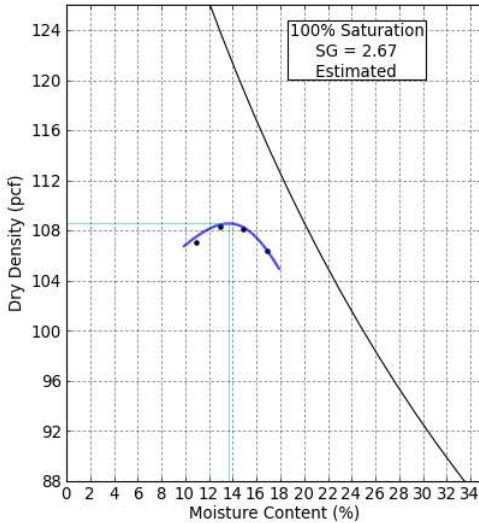
Client: St. Tammany Fire Protection District No. 1
 Chief Chris Kaufmann
 522 Robert Boulevard
 Slidell, LA 70458

Project: Training Classroom #2 - 34780 South Range Road,
 Slidell, LA - Job No. 2507

Report Date: 07/10/2025

Work Order Date: 07/09/2025
Work Order No: 55087

Project No: C25-053
Report No: 002



		<u>% Moisture</u>	<u>Dry Density, pcf</u>
		10.9	107.1
		12.9	108.3
		14.9	108.1
		16.9	106.4
		13.6 Optimum	108.6 Max Dry, pcf
Sieve	% Passing	Required	Description: Reddish Silty Sand Source: Sebring Pit - Kiln. Liquid Limit: NP Plastic Limit: NP Plasticity Index: NP Group Symbol: SP-SM AASHTO: A-3
No. 200	8.5	<10	

Rammer: Manual
Preparation: Dry
Test Method: ASTM D-698 Method-A
Remarks: Sampled by the Contractor.

Technician: Davis Hollingsworth

Respectfully Submitted,
 Stratum Engineering, LLC



Robert Fowler, Senior Project Manager

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- 1-ec M Natal Contractor, Inc. Attn: Mr. Mike Natal
- 1-ec St. Tammany Fire Protection District No. 1
Attn: Mr. Jay Gross
- 1-ec Dammon Engineering Attn: Mr. Chuck Dammon
- 1-ec St. Tammany Fire Protection District No. 1
Attn: Chief Chad Duffaut
- 1-ec St. Tammany Fire Protection District No. 1
Attn: Chief Chris Kaufmann
- 1-cc Laboratory

Technician: Davis Hollingsworth

Respectfully Submitted,
Stratum Engineering, LLC



Robert Fowler, Senior Project Manager