

PACS Construction Laboratories and Testing Services

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REPORT OF LABORATORY TESTING SERVICES

PROJECT: Southern Crushed Concrete – Various Testing	Date: 4/22/2015
CLIENT: Southern Crushed Concrete	PACS PROJECT NO.: SCC2007 PACS REPORT NO.: SCC01047A

The material was sampled by:

TECHNICIAN: Edgar Mulato TIME –REGULAR HOURS: See Rpt. SCC1047 OVERTIME HOURS: 0.0 Hrs.

REMARKS: On April 15, 2015, a representative for PACS Construction Laboratories and Testing Services (PACS) reported to the Southern Crushed Concrete Plant Facility #06 (Tanner Yard) located on 10360 Tanner Road in Houston, Texas to sample **Crushed Concrete Ballast Material** stockpiled at the aforementioned location. The sample obtained was tested in general accordance with the outlined Texas Department of Transportation (TxDOT) and American Society of Testing and Materials (ASTM) Test Procedures. The test results are presented below:

Procedure	Test	Results
ASTM C-136, "Sieve Analyses of Coarse and Fine Aggregate" and ASTM C-117 "Method for Material Finer than No. 200 Sieve by Washing"	Gradation shown as Percentage Passing	
	2 inch	99
	1 ½ inch	32
	1 inch	8
	¾ inch	7
	⅜ inch	6
	No. 200	4
ASTM C-88, "Soundness of Aggregate using Sodium Sulfate"	% Unsound	3%
ASTM C-88, "Soundness of Aggregate using Magnesium Sulfate"	% Unsound	12%
ASTM C-127, "Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate"	Bulk Specific Gravity, OD	2.167
	Bulk Specific Gravity, SSD	2.315
	Apparent Specific Gravity	2.544
	% Absorption	6.838
TEX-404-A, "Determining Unit Mass (Weight) of Aggregates"	Unit Weight, Loose Method	73.4 pcf
	Unit Weight, Rodded Method	85.1 pcf

If there are any questions regarding this report or if we can provide any additional information, please contact us at your convenience.

COMMENTS:

Distribution:
(1) Scott Brady, Southern Crushed Concrete


John Ynigues, Project Manager
PACS Construction Laboratories

Test results apply to the sample or samples tested which may or may not be indicative of the completed product. Letters and Reports are for the exclusive use of the client who has permission from PACS Construction Laboratories to distribute as necessary. Samples tested will be retained by the testing laboratory for 30 Days unless otherwise notified by the client. Report SCC1047A