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To: Austin Aggregates
 Attn.: Mr. Troy Carter
 P.O. Box 27935
 Austin, Texas 78755

Project: 2010 Austin Aggregates QA

Project No.: 109970
 Date: 7-06-10
 Control No.: 062814 C

REPORT OF: Sieve Analysis, Specific Gravity, Loose Unit Weight, Decantation, Fineness Modulus, Organic Impurities, Sand Equivalent, Acid Insoluble Residue, and Deleterious Materials

TEST METHOD: TEX 400A, TEX 401A, TEX 402A, TEX 403A, TEX 404A, TEX 406A, TEX 408A, TEX 413A, TEX 203F, and TEX 612J

LAB ID NUMBER: G-2785

MATERIAL DESCRIPTION: Concrete Sand (River Sand)

MATERIAL SOURCE: Stockpile

SAMPLED BY: K. Woodard, NICET II #107418

DATE SAMPLED: 6-28-10

TEST PERFORMED BY: Daren Potteiger, ACI #01147441

RESULTS:

<u>Sieve Size</u>	<u>Percent Passing</u>	<u>COA Item 403 Requirements</u>
3/8"	100	100
#4	99.7	95-100
#8	89.5	80-100
#16	73.2	50-85
#30	51.4	25-65
#50	22.2	10-35
#100	3.7	0-10
#200	0.7	0-3

Specific Gravity..... 2.610

Absorption, % 0.6

Oven Dry Loose Unit Wt., pcf..... 101.8

Decantation, % 0.7

Fineness Modulus..... 2.60 (2.30 – 3.10)

Organic Impurities..... Lighter than Standard

Sand Equivalent..... 97 (minimum 80)

Acid Insoluble Residue, % 87 (minimum 60 for paving)

Clay Lumps & Friable Particles (%)..... 0.00 (maximum 0.5)



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REPORT OF: Sieve Analysis, Specific Gravity, Loose Unit Weight, Decantation, Fineness Modulus, Sand Equivalent, Organic Impurities, Acid Insoluble Residue, and Clay Lumps and Friable Particles

TEST METHOD: ASTM C29, C117, C128, C136, C702, D75, D2419, C142, C40, and TEX 612J

LAB ID NUMBER: G-2785

MATERIAL DESCRIPTION: Concrete Sand (River Sand)

MATERIAL SOURCE: Stockpile

SAMPLED BY: K. Woodard, NICET II #107418

DATE SAMPLED: 6-28-10

TEST PERFORMED BY: Daren Potteiger, ACI #01147441

RESULTS:

<u>Sieve Size</u>	<u>Percent Passing</u>	<u>ASTM C-33 Requirements</u>
3/8"	100	100
#4	99.7	95-100
#8	89.5	80-100
#16	73.2	50-85
#30	51.4	25-60
#50	22.2	5-30
#100	3.7	0-10
#200	0.7	--

Specific Gravity..... 2.610
 Absorption, % 0.6
 Oven Dry Loose Unit Wt., pcf..... 101.8
 Decantation, % 0.7
 Fineness Modulus..... 2.60
 Organic Impurities..... Lighter than Standard
 Sand Equivalent..... 97
 Acid Insoluble Residue, % 87
 Clay Lumps & Friable Particles (%)..... 0.00

Report Reviewed by: 

Mark Holcomb, C.E.T.