

Construction Specification 31    Material Specification 522

Watershed \_\_\_\_\_ Site No. \_\_\_\_\_ Contract No. \_\_\_\_\_

Bid Schedule No. \_\_\_\_\_ Quantity \_\_\_\_\_ cubic yards

Contractor \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

**Information below is to be completed by the contractor or supplier**

Brand Name \_\_\_\_\_

Manufacturer \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Supplier \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Reference Specs

Grading: Include sieve analysis for fine and/or coarse aggregate

Fine: ASTM C 33

Soundness - 5 cycles (not required for silica sands): ASTM C 88

Sodium Sulfate ( $\leq 10\%$ ) \_\_\_\_\_ %

Magnesium Sulfate ( $\leq 15\%$ ) \_\_\_\_\_ %

Coarse: ASTM C 33

Size 57 or 67

Soundness - 5 cycles: ASTM C 88

Sodium Sulfate ( $\leq 12\%$ ) \_\_\_\_\_ %

Magnesium Sulfate ( $\leq 18\%$ ) \_\_\_\_\_ %

Alkali Reaction: ASTM C 227

Six Months Expansion ( $\leq 0.10\%$ ) \_\_\_\_\_ %

Sodium Oxide in Cement ( $\geq 0.8\%$ ) \_\_\_\_\_ %

Potentially Reactive: yes \_\_\_\_\_ no \_\_\_\_\_ ASTM C 289

This item meets standard requirements in the current specifications of the American Society for Testing and Materials (ASTM) as listed above.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title