

**Test Location Information:**

Exploration: B-40 Date: 10/2/2008  
 Surface El.: 2.3 feet Engineer: MLE  
 Test Depth: 33 feet  
 Test El.: -30.7 feet

**Vane and Test Data:**

Vane Diameter: 3 5/8 inches Vane Type: Standard Vane  
 Vane Constant, k: 0.905 Depth of Vane Tip: 33 ft  
 Torque Arm Length: 12 inches Depth of Vane Tip Below Bottom of Hole: 1.5 ft  
 Torque Rate - Undisturbed: 0.1 deg/sec  
 Torque Rate - Remolded: 0.1 deg/sec

Remolded Condition				Remolded Condition			
Degrees of Rotation	Dial Reading (lbs)	Friction (lbs)	S <sub>u</sub> (psf)	Degrees of Rotation	Dial Reading (lbs)	Friction (lbs)	S <sub>u</sub> (psf)
1	0	0	0	18	4	0	43
2	3	0	33	19	4	0	43
3	3	0	33	20	4	0	43
4	3	0	33	21	4	0	43
5	3	0	33	22	4	0	43
6	3	0	33	23	4	0	43
7	3	0	33	24	4	0	43
8	3	0	33	25	4	0	43
9	3	0	33	26	4	0	43
10	3	0	33	27	4	0	43
11	3	0	33	28	4	0	43
12	3	0	33	29	4	0	43
13	3	0	33	30	4	0	43
14	3	0	33	31	4	0	43
15	3	0	33	32	4	0	43
16	3	0	33	33	4	0	43
17	3	0	33	34	4	0	43
				35	4	0	43



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**FIELD VANE SHEAR TEST REPORT | 3 of 3**

Project No.: 1131-08-431  
 Project Name: Spring/Fishburne Outfall Project  
 Location: Charleston, SC  
 Client: Black and Veatch