ARDAMAN & ASSOCIATES, INC. GEOTECHNICAL TESTING LABORATORY PARTICLE-SIZE ANALYSIS TEST REPORT

CLIENT: Tetra Tech PROJECT: Highland Lake, Alabama							INCOMING SAMPLE NO.: BORING: SAMPLE: Brasher Bay						
DATE SAMPLE DATE TEST SEDATE REPORT	:D:				DEPTH: □ ft; □m LABORATORY IDENTIFICATION: 150075/BrasherBay SAMPLE DESCRIPTION: Brown silty fine sand with organics								
					TE	ST PROC	EDURES						
						☐ Oth	dium Hexam		Water Cont Mass Dry S	Water Content (%): 43.7 Mass Dry Solids (grams): 69.68			
☑ Sieve & ☐ Other:	Hydroi	neter A	nalysis	Dispe	ersion Perio	d (hours):	>24 hour	<u>s</u>		G _s : 2.65	⊠ Assui □ Meas		
					U.	S. STAN	IDARD SI	EVE SIZ	E				
		<u>z</u> 2		3/4 IN.	No. 4 No. 10	No. 20 No. 40	No. 60 No. 100 No. 140						
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	90	111											
	80	-											
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	(%) 88 AN FINANCE (%) 88 AN FINANCE (%) 80 AN FI												
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	40 1 1 2 3 3												
i	<u> </u>												
	20	-				_		00					
	10	•		eve Analys drometer						•			
	100		10 PARTI			1 0.1 0.01 ICLE SIZE (MILLIMETERS)			0.001				
GRAVEL SAND													
		COA	RSE	FINE	COARSE	MEDIUM	FINE	SI		CLAY			
						nt Finer (d	ry mass bas	is)		Г			
Sieve Analysis										Hydrometer Analysis			
Gravel Coarse Sand			Mediur	n Sand		Fine	Sand		Silt	Clay			
3/4" 3/8"	No.		o. 10	No. 20	No. 40	No. 60	No. 100	No. 140	No. 200	0.005 mm	0.002 mm	0.001 mm	
100 100	100		9.4	98.5	95.1	76.3	45.2	34.1	29.0	10.3	6.4	3.1	

Client. Physical and electronic records of each project are kept for a minimum of 7 years. Test samples are kept in storage for at least 10 working days after mailing of the test report, prior to being discarded, unless a longer storage period is requested in writing and accepted by Ardaman & Associates, Inc.

ARDAMAN & ASSOCIATES, INC. GEOTECHNICAL TESTING LABORATORY PARTICLE-SIZE ANALYSIS TEST REPORT

CLIEN		etra -					INCOMING SAMPLE NO.:								
			nd Lake, /	Alabama			BORING:			SAMPLE:_					
FILE N	IO.:1	<u>5-13</u>	-0075				DEPTH: □ ft; □m								
DATE	SAMPLE	REC	EIVED:				LABORATORY IDENTIFICATION: 150075/SandBay SAMPLE DESCRIPTION: Brown silty fine sand with								
DATE TEST SET-UP: 06/30/15							organics								
	REPORT			07/14/	15										
					TE	ST PROC	EDURES					-1-			
☐ Sieve Analysis ☐							dium Hexam		Water Content (%): 40.1 Mass Dry Solids (grams): 71.71						
☐ Hydrometer Analysis ☐ Sieve & Hydrometer Analysis ☐ Other:							☑ Apparatus A ☐ Apparatus B hours):								
U.S. STANDARD SIEVE SIZE															
			6 6 F	3/4 IN.	No. 4 No. 10	No. 20 No. 40	No. 60 No. 100 -No. 140								
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		20													
	10 - Sieve									•					
		0		ydrometer	Analysis										
100 10 1 0.1 0.01 0.001 PARTICLE SIZE (MILLIMETERS)															
GRAVEL							SAND		SILT		CLAY				
	-		COARSE	FINE	<u> </u>	MEDIUM	FINE	:->	1						
				Sieve	Perce Analysis	nt Finer (d	ry mass bas	is)		Hvd	rometer Ana	lysis			
Gravel Coarse Sand				T	n Sand		Fine	Sand	and		Clay				
3/4"	3/4" 3/8" No. 4			No. 20	No. 40	No. 60	No. 100	No. 140	No. 200	0.005 mm	0.002 mm	0.001 mm			
100	100	100		98.7	98.3	78.9	43.5	25.4	25.2	10.0	6.7	5.0			
The test d	ata and all a	ssociate	ed project info	rmation prese	ented hereon	shall be he	ıa ın confiden	ce and disclo	sed to other	narties only v	vith the author	rzation of the			

The test data and all associated project information presented hereon shall be held in confidence and disclosed to other parties only with the authorization of the Client. Physical and electronic records of each project are kept for a minimum of 7 years. Test samples are kept in storage for at least 10 working days after mailing of the test report, prior to being discarded, unless a longer storage period is requested in writing and accepted by Ardaman & Associates, Inc.

Checked By: Date: Date: Date: S:\Projects\2015\15-13-0075\TT Griffen GA\Sieve & Hydro.docx