## ADDENDUM NO. 6 NEW CREAMERY ROAD SEWAGE PUMP STATION CONTRACT NO. 001

Addendum 6, March 10, 2023.

## Questions from Bidders

The following questions were asked via e-mail. The questions (shown in *italics*) and answers (shown in **bold**), as presented, are hereby made part of the Contract Documents.

1. Plan Sheet C2 shows the locations of Test Bores 505, 508, 11, 12, SWM 1. However, in the project manual we can only find Boring Logs for Borings B1 & B2. Please clarify the location on site of Borings B1 & B2, and also provide bore logs and soils information for all test pits/borings shown on plan sheet C2.

All test bores labeled 505 and 508 shall refer to Borings B-1 and B-2, respectively. Revised Sheet C2 and SWM-1 are included in Addendum 5. Bore logs/soils information for SWM-1 are attached. Infiltration rates for Borings I-1 and I-2 are also attached.

## TEST BORING LOG

Boring No. SWM-1 Page 1 of 1

RKK PROJECT: Creamery Road Pump Station														: 19082.000					
SITE: Frederick County , Maryland																: 740701 : 1000363			
									CME							: 1222303			
DRILLING CO.: FSD R								RIG/	G/HAMMER:55/Auto-Hammer ELEVATIO						1: 303.3 - IL				
╞	Date						AIA (1	nt)	ave In	EQUI	IPME	INT	CASING	SAM	PLER	CORE	SIARI	DATE	:: 3/24/2021
ŀ	3/24/20	21	8:30:00	) AM	Dry	-	-		6.4	SIZE, I	D (in)		<u>HSA</u> 3.25	1.	<u>s</u> 375				: 3/24/2021
3/25/202		21 9:40:00 AM		AM	6.5		-		6.5		HAMMER WT		0.20	1	40	-			
								н/		ER FA	LL (in)		3	30	-	LOGG	ED BY	: KPR	
	SAMPLE NUMBER SAMPLE TYPE SAMPLE RECOVERY (in RI OWS/6"		BLOWS/6" (% RQD)	LABC RE Lac. Freq.						H. GRAPHIC		DESCRIPTION AND CLASSIFICATION (moisture, density, color, proportions, etc.)						NOTES:	
ľ	S-1	Ν/	16	3					EL 3	85.2		_∖1-Inc	h TOPSO	L					
						-	-	0.	1		Moist, Medium Stiff, Red, CLAY, Trace Fine Sand (CH) [A-7-6 (32)] {clay}					-7-6			
	S-2		18	3 4 5 11				-				Samp	ble S-2: St	iff					
-	S-3		24	4 4 8 11	23.8%	52	30	- 5				Samp	ble S-3: St	iff					4-Inch PVC Pipe Installed for Infiltration Test
	S-4	$\left \right\rangle$	24	4			-	- -	<u>EL 3</u> 6.	<u>79.3</u> 0		Moist	, Very Stif	f, Red, S	SILT, L	ittle Fine Sa	nd, Little Clay (m	I) — — —	
-		X		11 26			-	-				[a-4]	{Clay}						
	S-5	$\square$	11	20 50/5"				_	EL 3	76.4		Samp	ble S-5: Ha	ard	. 61				One on Defined at 0.0 ft
								- 10	8.	9		Botto	m of Borir	ig @ 8.9	) ft				Spoon Refusal at 8.9-ft
1 4/19/2								10											
KENI.GU							-	_											
							-	_											
N.GPJ K							-	_											
							-	- 15											
							-	-											
עדא אכ							-	-											
82 CREAL								-											
ULI) 190								_											
						B						CONSISTENCY	SAM						
S - S - SPLIT SPOON HSA - HOLLOW STEM AUGERS						rs 5		. 51			0-2	VERY SOFT							
Image: State of the state					SERS	(	0-4   VERY LOOSE   3-4   SOFT   TRACE   1 TO 10     5-10   LOOSE   5-8   MEDIUM STIFF   LITTLE   11 TO 20     11-30   MEDIUM DENSE   9-15   STIFF   SOME   21 TO 35     31-50   DENSE   16-30   VERY STIFF   SOME   21 TO 35     OVER 50   VERY DENSE   OVER 30   HARD   AND   36 TO 50				ACE   1 TO 10     TLE   11 TO 20     IME   21 TO 35     D   36 TO 50								

Boring No. SWM-1



Infiltration tests were performed in each auger probes. Site subsurface conditions were evaluated in accordance with the State of Maryland's "Standards and Specifications for Infiltration Practices," Section 2.2. General Subsurface Exploration Guidelines and Section 2.4, Feasibility Tests. Information regarding the soil encountered within the footprints of the proposed facility as well as the in situ infiltration testing is provided in Table 4.2 for planning stormwater management measures. The actual field in situ infiltration rate is shown in parentheses.

Table 4.2 – Summary of USDA Textural Classifications										
Boring	No.	Depth (ft)	USDA Classification	Hydrologic Soil Grouping	Minimum Infiltration Rate (in/hr) [Note 3]					
l-1		4	Clay	d	0.02 (0)					
I-2		6	Clay	d	0.02 (0)					
NOTES: 1. Laboratory Classification Results in UPPER CASE   2. All other classifications are visual-manual   3. Infiltration rates in parenthesis are the in situ test results										