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February 21, 2023

Mr. Steve Laster, Operations Manager  
 Chesapeake Landscape Materials  
 8217 Baltimore-Annapolis Blvd  
 Pasadena MD 21122

Re: Biosoil Testing – Chesapeake Landscape Materials  
 Soil Sample Samples dated 2/15/23 Specification – SHA BSM-S

Dear Mr. Laster:

In accordance with your request, Messick & Associates (M&A) gathered samples of topsoil from the onsite stockpiles on February 15, 2023 and forwarded them to an independent laboratory for testing in accordance with the above referenced specification. The independent laboratory results received for each sample is noted below:

Sample Bio Soil Mix (BSM) dated February 17, 2022

	<b>Requirement</b>	<b>Results</b>	<b>Decision</b>
Prohibited Weeds	Free of eight (8) listed weeds	None	N/A
Debris	Less than 1% cement, concrete, asphalt, crushed gravel, or construction debris upon inspection	None	Pass
Hardwood Mulch	20% of loose volume of BSM upon inspection	N/A	Pass
Textural Analysis	Sand – Passing 79% min. 94% max.	82.6%	Pass
	Silt passing – 4% min 20% max.	13.4%	Pass
	Clay passing – 1% min. 21% max.	3.7%	Pass
	Combined Silt & Clay – 21% max.	17.1%	Pass
Soil pH	pH 5.7-7.4	6.6	Pass
Organic Matter	Min. 1.5% by wt.	10.6%	Pass
Soluble Salts	500 ppm or less	312 ppm	Pass
Harmful Materials	See 920.01.01(a)	N/A	

The above results confirm the Biosoil tested conforms to the Maryland State Highway Administrations Specification for BSM as found in MDOT Specification # 920.01.05.

Sincerely,  
 MESSICK GROUP, INC.  
 T/A MESSICK & ASSOCIATES

*Wayne A. Newton*

Wayne A. Newton, P.E.