



**MATERIALS TEST REPORT FOR  
Agresource, Inc.**

**REPORT TO:** Agresource, Inc.  
Mike Carignan  
100 Main Street  
Amesbury, MA 01913

**DATE RECEIVED:** May-02-2016  
**REPORT DATE:** May-04-2016  
**CONDITION OF SAMPLE:** Normal

**Gravel Distribution Analysis (ASTM C136)**

Lab ID#	Sample Name	% Retained on USGA mm (US sieve)							
		No. 10 2.0 mm	No. 18 1.0 mm	No. 35 0.50 mm	No. 60 0.25 mm	No. 100 0.15 mm	No. 140 0.10 mm	No. 270 0.050 mm	< No. 270 < 0.050 mm
41455-1	Merrimack Compost	27.1	27.0	25.1	13.7	2.7	0.3	0.1	0.0

\*ASTM Method C136 & Determination of Size Factors SOP

Lab ID#	Sample Name	% Moisture <sup>1</sup> (Wet Weight)	% Organic <sup>1</sup> (Dry Weight)	% Ash <sup>1</sup> (Dry Weight)	Water Holding <sup>2</sup> (% by weight)
41455-1	Merrimack Compost	48.5	76.0	24.0	263

<sup>1</sup>Moisture by ASTM D2974 Method A and organic and ash by ASTM D2974 Method D.

<sup>2</sup>Turf & Soil Diagnostics SOP

Samples were tested as received and comments pertain only to the samples shown.

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Sample condition upon receipt was normal.

Samples were received with a transmittal letter.

Reviewed by Sam Ferris



**Turf & Soil Diagnostics**

May 4, 2016

**Agresource**  
Mike Carignan  
TSD File #41455

**Comments:**

The Merrimack Compost sample was tested as received. The sample was tested for ash content, water holding and gradation.

The ash content of the sample is 23.0%. This is higher than USGA recommendations for peats, but it is an acceptable ash content for quality compost. The water holding is 263%, indicating that this compost holds over 2.5 times its weight in water.

The gradation of the sample was performed using the standard set of sieves for USGA sand testing. The gradation indicates the particles are primarily retained on the 0.5 mm to 2 mm sieves. There is 13.7% passing the #60 sieve (0.25 mm).

Please let us know if you have any questions or are in need of further assistance. Thank you for using Turf & Soil Diagnostics, Inc.

Sincerely,

Sam Ferro  
President

Page 2 of 2