



**Soil and Plant Testing Lab**  
**Division of Plant Sciences**  
**University of Missouri**

**Compost Analysis Report**

23 Mumford Hall  
 Columbia, MO 65211  
 Phone (573) 882-0623  
 Fax (573) 884-4288

City of Columbia - Adam White  
 5700 Peabody Road  
 Columbia, MO 65202

Date Received April 11, 2018  
 Date Completed April. 19, 2018  
 Lab No. C18020  
 Sample Id. #2  
 File Name WhiteA\_C18020.docx

Tests	Units	Desired Range	Results	Interpretation		
				Low	Desired	High
pH		6.0 – 8.0	7.79		x	
E. C. - Saturation Paste	mmho/cm	< 4	2.25		x	
Nitrate-N (NO <sub>3</sub> -N)*	ppm	40 – 99				
Ammonium-N (NH <sub>4</sub> -N)*	ppm					
Moisture	%	< 50	53.9			x
C/N Ratio		<25	23.2		x	
Total Nitrogen (N)	%				0.563	
	N lbs/Ton				11.3	
Total Phosphorus (P)	%				0.054	
	P <sub>2</sub> O <sub>5</sub> lbs/Ton				2.46	
Total Potassium (K)	%				0.184	
	K <sub>2</sub> O lbs/Ton				4.11	
Total Calcium (Ca)	%				2.80	
Total Magnesium (Mg)	%				0.201	
Total Zinc (Zn)	ppm				30	
Total Iron (Fe)	ppm				2731	
Total Manganese (Mn)	ppm				182	
Total Copper (Cu)	ppm				10	
Total Carbon (C)	%				13.1	

\*Interpretation for nitrate-N is for growing media only. If this material is to be used as soil amendment, the interpretation for nitrate-N is not applicable.