



November 9, 2018

Mr. Steve Hunt  
Solid Waste Utility Manager  
City of Columbia  
PO Box 6015  
Columbia, MO 65205-6015

Re: City of Columbia Organics Study Scope of Work

Dear Mr. Hunt:

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) understands that the City of Columbia (City) is interested in conducting a study to evaluate potential improvements and/or alternatives to beneficially utilize the City's generated food waste and other organic wastes. The goal of this Organics Study will be to identify the highest and best use alternative that will exhibit environmental and economic benefits to stakeholders.

### **Project Scope of Work**

Based on our understanding of the project, the project scope of work is organized into the following tasks:

#### Task 1: Existing Organics Program Evaluation

Burns & McDonnell will evaluate how organics are currently handled by the City and gain a better understanding of the current and potential quantities of organic waste and what additional diversion options may exist for the City.

#### Task 2: Organics Program Alternatives Evaluation

Burns & McDonnell will evaluate potential organic waste use alternatives including, but not limited to:

1. Composting;
2. Anaerobic Digestion;
3. Combustion; and
4. Landfilling.

Key considerations will be evaluated for each alternative including, but not limited to:

1. Cost of Operation;
2. Cost of Compliance;
3. Emissions; and
4. Environmental Benefits/Risks.



Mr. Steve Hunt  
City of Columbia  
November 9, 2018  
Page 2

Task 3: Organics Study Memorandum

Burns & McDonnell will summarize findings from the evaluation in a technical memorandum with recommendations.

The estimated time to complete the Organics Study is approximately 3 months with an anticipated completion date of February 2019.

Burns & McDonnell appreciates the opportunity to collaborate with the City on this project. Please contact Brian Weis at (816) 823-7824 or [bweis@burnsmcd.com](mailto:bweis@burnsmcd.com) if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "B. C. Weis".

Brian Weis, P.E.  
Project Manager

BW/dk

cc: Adam White, City of Columbia  
Devyn Kilburn, Burns & McDonnell  
Kristine Mitchell, Burns & McDonnell