



To: Sharon Smith, Assistant Director – Metro Public Works

From: Martin Sanford, CDM Smith

Date: July 19, 2018

*Subject: Metropolitan Government of Nashville and Davidson County
Solid Waste Master Plan Summary*

Work Completed July 19 – August 31, 2018:

Our team has been working on the draft Solid Waste Master Plan including summarizing and compiling all the work completed to date into the appropriate background sections, developing the recommendations and goals associated with Task 4, and compiling the estimates of each program component and infrastructure costs along with the triple bottom line analysis for the plan alternatives. The team is developing estimates of processing and disposal infrastructure required to support the high Performance and Zero Waste programs and has been considering the recommendations and goals from the Livable Nashville Committee, NashvilleNext, the TDEC 2025 Material Management Plan, and Mayor Dean’s Green Ribbon Committee as we put together the final document. The team has begun submitting draft sections of the Solid Waste Master Plan for review by Metro Public Works staff and will continue to feed sections for individual review as they are wrapped up. The goal is to complete the draft triple bottom line analysis and the remaining draft plan sections for review by Metro Public Works in the coming month.

In addition to the completion of the draft Plan, CDM Smith has been working with Metro staff to conduct a preliminary analysis of potential anaerobic co-digestion of food waste at the Dry Creek Wastewater Treatment Plant. Over the coming months, the team will continue to support the evaluation of digestion of food waste as a potential alternative to landfilling the waste and work with Metro Public Works, Metro Water Services and Brown and Caldwell to evaluate the potential options.

Table 1 – Solid Waste Master Plan

Tasks	% Complete
Task 1 – Research	100%
Task 2 – Evaluation	100%
Task 3 – Public Engagement	70%
Task 4 – Recommendation & Goals	60%
Task 5 – Cost Studies	85%
Project Deliverables	45%
Total	83%