

RESOLUTION NO. RS2018-1134

A resolution requesting the Metropolitan Department of Water and Sewerage Services and the Metropolitan Department of Public Works to conduct a study regarding the increased use of recycled concrete in projects.

WHEREAS, according to the United States Environmental Protection Agency, the United States generated over 534 million tons of construction and demolition (C&D) debris in 2014, the most recent year on record; and

WHEREAS, in that year, concrete was the largest portion of that waste, comprising seventy percent (70%) of all C&D debris generation, approximately 375 million tons; and

WHEREAS, used concrete can be recycled and repurposed, often by grinding up the used concrete into smaller pieces, giving it the potential to be a low-cost and environmentally friendly alternative to certain building materials including gravel; and

WHEREAS, however, research is needed to determine if an increased use of recycled concrete is feasible for projects funded by the Metropolitan Government of Nashville and Davidson County; and

WHEREAS, the Metropolitan Department of Water and Sewerage Services (MWS) and Department of Public Works may be able to benefit from the use of recycled concrete in certain projects; and

WHEREAS, MWS and Public Works should study the potential uses and feasibility of using recycled concrete in building and infrastructure projects they perform throughout Metro; and

WHEREAS, in order to study the response of recycled concrete during different seasonal applications, the Metropolitan Council requests that this study be conducted over the course of one year; and

WHEREAS, at the conclusion of this study, MWS and Public Works should submit a report detailing their findings to the Metropolitan Council to aid in consideration of whether expanded use of recycled concrete is appropriate and whether it should be encouraged.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY:

Section 1. That the Metropolitan County Council hereby goes on record as requesting the Metropolitan Department of Water and Sewerage Services and the Metropolitan Department of Public Works to study the feasibility of incorporating recycled concrete into projects within Metropolitan Nashville and Davidson County.

Section 2. That the Department of Water and Sewerage Services and the Metropolitan Department of Public Works are further requested to respond to the Council with a report detailing the findings of this study not later than April 2, 2019.

Section 3. That the Metropolitan Clerk is directed to send a certified copy of this resolution to Scott Potter, the Director of the Metropolitan Department of Water and Sewerage Services, and Mark Sturtevant, the Director of the Metropolitan Department of Public Works.

Section 4. That this Resolution shall take effect from and after its adoption, the welfare of the Metropolitan Government of Nashville and Davidson County requiring it.

INTRODUCED BY:

Davette Blalock
Member of Council