



Jeremiah W. (Jay) Nixon, Governor • Mark N. Templeton, Director

## DEPARTMENT OF NATURAL RESOURCES

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APR 21 2010

CERTIFIED MAIL # 7006-0100-0005-2145-3929  
RETURN RECEIPT REQUESTED

Mr. William J. Wilder  
Missouri Department of Transportation  
105 West Capitol Avenue  
P.O. Box 270  
Jefferson City, MO 65102

RE: Clarification on Asphalt Constituents for Beneficial Use of Screened Street Sweepings

Dear Mr. Wilder:

I am writing in regard to your March 15, 2010, letter in which you request Solid Waste Management Program (SWMP) clarification of allowable constituent levels for your Screened Street Sweepings (Sweepings) managed under a SWMP issued statewide general beneficial use approval.

The SWMP issued a statewide general beneficial use approval for Sweepings on July 2, 2007. Our approval considered the variable nature of the Sweepings including the likelihood that road materials such as cement-based and asphaltic concrete would be contained within the mixture. Comparison between Sweepings and Missouri Risk Based Corrective Action for Underground Storage Tank Guidance Table 3.1 Default Target Levels (DTLs) was required to ensure that unacceptable risk was not posed by the materials not determined to be clean fill which are incidental to the generation of the Sweepings.

Analytical testing performed by the Missouri Department of Transportation (MoDOT), pursuant to the approval, has identified chemical constituents within the Sweepings that are present in asphaltic concrete. The SWMP has reviewed the analytical data contained within your request and determined that the asphaltic concrete constituents detected are not subject to the Table 3.1 DTLs. Asphaltic concrete is, by definition, considered "clean fill" in both the Missouri Solid Waste Management Law and Regulations.

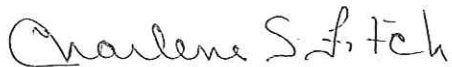
Therefore, the SWMP seeks to clarify that chemical constituents documented as being found in asphaltic concrete and the Sweepings at comparable levels are allowable under our 2007 statewide beneficial use approval for screened street sweepings. The SWMP also notes that constituent levels within the Sweepings analysis provided are all below Table 7-1(c) Construction Worker Risk Based Target Levels for Sandy Soil, further indicating acceptability for beneficial reuse as outlined in your original request.

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If you have any questions concerning this letter, please contact Mr. Eric Gramlich of my staff at (573) 526-3940 or at P.O. Box 176, Jefferson City, Missouri 65102. Thank you for your interest in protecting Missouri's natural resources through sound beneficial reuse management practices.

Sincerely,

SOLID WASTE MANAGEMENT PROGRAM



Charlene S. Fitch, P.E.  
Chief, Engineering Section

CSF:egl

Enclosure

c: Kansas City Regional Office  
Northeast Regional Office  
St. Louis Regional Office  
Southeast Regional Office  
Southwest Regional Office