

Method Name	Pollutant Measured	Method 301 Validation	Other Validation	External Peer Review/ Internal EPA Peer Review	Other External Review	References	Comments/ Contact Person
Determination of Emissions from Open Sources by Plume Profiling	Wind Blown Dust – PM ₁₀ and PM _{2.5}			Internal EPA Peer Review conducted July 2012, - June 2013		<ol style="list-style-type: none"> 1. Cowherd, C., Jr., K. Axetell, Jr., C. M. (Guenther) Maxwell, and G. A. Jutze, “Development of Emission Factors for Fugitive Dust Sources,” EPA Publication EPA-450/3-74/037, NTIS Publication PB-238 262, (June 1974). 2. U.S. Environmental Protection Agency. “Compilation of Air Pollutant Emission Factors.” Research Triangle Park, North Carolina, 2005. 3. Cowherd, C., Jr., and G. Muleski. “Guidance for Open Source Test Method.” Prepared for USEPA, Research Triangle Park, North Carolina, September, 2000. 4. Watson, H.H. “Errors Due to Anisokinetic Sampling of Aerosols.” <i>Am. Ind. Hig. Assoc. Quart.</i> 15:21, 1954. 5. Baxter, T. E., D. D. Lane, C. Cowherd, Jr., and F. Pendleton. “Calibration of a Cyclone for Monitoring Inhalable Particles.” <i>Journal of Environmental Engineering</i>, 112(3), 468, 1986. 6. EPA’s QA Handbook http://www.epa.gov/ttnamti1/files/ambient/qaqc/2-11meth.pdf 7. Axetell, K. and C.Cowherd, Jr., 	Dennis Mikel, Mikel.dennisk@epa.gov 919-541-5511.

						<p>“Improved Emission Factors for Fugitive Dust from Western Surface Coal Mining Sources, Volume I—Sampling Methodology and Test Results.” Prepared for USEPA Office of Research and Development, EPA-600/7-84-048, 1984.</p> <p>8. Cowherd, C., Jr., Donaldson, J. Kies, R., and Murowchick, P. “Field Study of Emissions from Haul Roads.” Prepared for the Iron Mining Association of Minnesota, Duluth MN, October 30, 2008.</p> <p>9. ETV Program (4950-04-02-QAP) MRIGlobal. “Evaluation of a Mobile Sampler to Characterize Unpaved Road Dust Palliatives,” Final Report prepared for the U.S. Army Construction Engineering Research Laboratory, CERL Order No. DACA42-01-F-0062, MRIGlobal Project No. 110144, August 5, 2002.</p> <p>10. Muleski, G. and C. Cowherd, Jr., “Particulate Emission Measurements from Controlled Construction Activities.” Prepared for USEPA Office of Research and Development, EPA-600/R-01-031, 2001.</p>	
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