



## TABLE XI-D MITIGATION MEASURE EXAMPLES: FUGITIVE DUST FROM UNPAVED ROADS

Source Activity	Mitigation Measure <sup>1</sup>	PM10 Control Efficiency	Comments	Estimated Cost <sup>2</sup>
Travel over unpaved roads	Limit maximum speed on unpaved roads to 25 miles per hour.	44%	Assumes linear relationship between PM10 emissions and vehicle speed and an uncontrolled speed of 45 mph.	ND
Travel over unpaved roads	Pave unpaved roads and unpaved parking areas.	99%	Based on comparison of paved road and unpaved road PM10 emission factors.	\$44,100/mile-year (useful life of 25 years)
Travel over unpaved roads	Implement watering twice a day for industrial unpaved road.	55%		ND
Travel over unpaved roads	Apply chemical dust suppressant annually to unpaved parking areas.	84%		\$5,340/acre-year (useful life of 1 year)

<sup>1</sup>Unless otherwise noted, information presented in this table is from the following reference: *WRAP Fugitive Dust Handbook*, September 7, 2006 ([http://www.wrapair.org/forums/dejf/fdh/content/FDHandbook\\_Rev\\_06.pdf](http://www.wrapair.org/forums/dejf/fdh/content/FDHandbook_Rev_06.pdf)). ND = No Data.

<sup>2</sup>2003 dollars.