



Wyoming Technology Transfer Center Dust Monitoring Equipment Loan Program Policy

The Wyoming Department of Transportation has provided the Wyoming Technology Transfer Center (WYT²) with dust monitoring equipment that will be available to loan to Wyoming counties. Under this new loan program, the Center will provide interested counties with dust monitoring equipment and training on how to use the monitors. These monitors can be used primarily to monitor Congestion Mitigation/Air Quality (CMAQ) project effectiveness. By transferring this equipment to WYT², counties and their qualified contractors will be able to check the equipment out to monitor airborne dust attributed to transportation related sources.

Available for check out are two Haz-Dust Model EPAM 5000 portable air monitors designed to monitor PM₁₀ and PM_{2.5}. The Environmental Particulate Air Monitor is an innovative light scattering nephelometer and filter gravimetric air sampler combined in one portable and compact design. The EPAM 5000 complements both the EPA and OSHA reference methods. This equipment provides a quick way to define problem areas and to pinpoint areas where further study is needed. The EPAM 5000 requires no special skills or tools and can be easily set up in minutes for measuring particulate matter. All real-time data is immediately stored in the instrument's computer memory and can be viewed on the LCD display or downloaded to a PC using the provided statistical software package.



The Center will take requests from agencies via phone (800-231-2815), fax (307-766-6784), mail or e-mail (mevans2@uwo.edu), and loan the equipment on a first-come first-served basis. Agencies will be required to provide an estimated length of use (a maximum of two weeks) and schedule a return of the equipment. A waitlist will be maintained and the equipment will be available to the next agency on the list.

If a monitor is reported lost or stolen, the borrowing agency will be required to reimburse the Center for the cost of the equipment. The Center will also expect agencies to cover expenses related to obvious physical damage to the equipment.

A copy of the Center's Dust Monitoring Equipment Loan Program Policy will be provided to all borrowing agencies. A signature will be required from the borrowing agency at the time the equipment is picked up recognizing the Center's expectations for proper use and handling.

Agency Representative

Date

Serial No.