

PAMSGRAM

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Acetone and the PAMS Target Compound List

On June 16, 1995, EPA promulgated changes to 40 CFR 51.100 which revised the definition of volatile organic compounds (VOC) for purposes of preparing State Implementation Plans (SIPs) to attain the National Ambient Air Quality Standards (NAAQS) for ozone. In this action, acetone was added to the list of compounds excluded from the definition of VOC. Additionally, since the measurement of acetone using the DNPH cartridge method has been difficult for State and Local agencies due to issues with contamination, EPA is advising the State and Local agencies that measurement of acetone is now optional. The PAMS Target List will be altered to indicate this change which may be made during the 1999 PAMS monitoring season. Agencies which have been able to measure acetone with confidence in the past, are encouraged to continue sampling as needed.

For further background information on the PAMS Target List, please refer to **PAMSGRAM** #9, issued on March 18, 1998, <http://www.epa.gov/ttn/amtic/pamsgram.html>, and the **Technical Assistance Document for Sampling and Analysis of Ozone Precursors**, EPA/600-R-98/161, reissued in September 1998, <http://www.epa.gov/ttn/amtic/pams.html>.