



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2405

Ref: 8AT-AP

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MEMORANDUM

TO: Dr. Edwin L. Meyer, Chief
Model Application Section, MD-14

FROM: Mark Komp, ^{ML} Tech. Representative
Air Planning Section, 8AT-AP

SUBJECT: Review of Chemical Mass Balance analysis for the
communities of Polson and Ronan, Montana

The Montana tribal communities of Polson and Ronan, Montana are nonattainment areas for the 24hr PM-10 standard. Region VIII has contracted with Engineering-Science, Inc. (ES) to prepare a technical support document for the Tribal Implementation Plan (TIP). As a part of the technical support document, ES has preformed a Chemical Mass Balance (CMB) analyses for selected PM-10 and total suspended particulate (TSP) samples in 1989 and 1990. However, ES has expressed frustration in being unable to attribute a sufficient amount of the mass found on these samples to source profiles.

As the technical representative for the Level-of-Effort contract with ES, I am asking for your review of the work done to date by ES in the hope that you may be able to help provide a course of action that ES may follow to resolve the difficulty in attributing particulate to specific sources in these communities. We are reviewing the analysis at the current time and once you have completed your review we can discuss and agree to a course of action.

For your convenience, I am enclosing a hardcopy of the CMB analysis, a floppy disk containing the input data for the CMB analysis, a reading file provided by ES and correspondence that provides information on the present status of the analysis.

Please feel free to contact me at any time during your review. I may be reached at FTS 330-1768. Thank you for your cooperation.