

JAN 25 1989

MEMORANDUM

SUBJECT: Fluff Analyses

FROM: Alec McBride, Chief
Technical Assessment Branch, OSWTO: Cynthia Stroup, Chief
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The purpose of this memorandum is to clarify some of the details of the analytical procedures that we understand will be used in the fluff sampling and analysis project. We appreciate the efforts that your office has put into dealing with the difficulties encountered in collecting and analyzing the fluff samples.

As you know, OSW has asked for analyses of lead and cadmium in both the total fluff samples and the Extraction Procedure (EP) extracts from those samples. Both sets of analyses should be conducted on the samples after they have undergone appropriate size reduction steps to meet the EP requirements. One thing I have not brought up in our discussions but would like to mention now is that the EP does not require size reduction of materials whose ratio of surface area to weight is greater than $3.1\text{cm}^2/\text{g}$. Materials such as pieces of fabric or wire could likely be put directly into the extraction bottle without being reduced in size to pass through the 9.5 mm sieve.

Please call me on 382-4761 if you have any questions on the EP requirements (although MRI should be familiar with them). Also, we would like to take care of our share of the costs of the project as soon as you have your final estimates. Thanks again for all your help.