

file OVM

To: K. L. Scheel - 230-B

From: K. J. Petters - 220-7W

Subject:

Date: October 6, 1980

3M

Attached is a list of comparisons between charcoal tubes and the OVM done by Air Products and Chemicals. I've suggested the next time they use the OVM that we run comparisons in our lab.

I'd appreciate your suggestions or comments.

KJP
KJP:cb

Attachments

cc: R. J. Haggerty
M. I. Merino

3M 109638



Air Products and Chemicals
INC

ALLENTOWN, PENNSYLVANIA 18105

*Kare Peltus
to your information
Kevin Duffy*

23 September 1980

Mr. J. Kevin Duffy
950 North Kings Highway
Cherry Hill, NJ 08034

Dear Mr. Duffy:

As you requested during your recent visit to Air Products, I am enclosing a list of comparisons between charcoal tube sampling and concurrent organic vapor monitor sampling.

I hope this information will be helpful to you. We will continue to do further testing of the OVM badge.

Sincerely,

Jo-Anne Dow
Industrial Hygienist

JD:ko

Enclosure

3M 109639

	<u>CHARCOAL TUBE</u>	<u>OVM</u>
TOLUENE	20 ppm	169 ppm
	13 ppm	86 ppm
	14 ppm	66 ppm
XYLENE	88 ppm	674 ppm
	60 ppm	359 ppm
	66 ppm	424 ppm
METHYLENE	368 μ g	183 μ g
CHLORIDE	580 μ g	232 μ g
	247 μ g	132 μ g
	123 μ g	77 μ g
BENZENE	3.0 μ g	2.6 μ g
	4.3 μ g	3.1 μ g
	12.5 μ g	5.4 μ g
	3.3 μ g	2.3 μ g
PYRIDINE	6.7 μ g	9.9 μ g
	2.9 μ g	10.3 μ g

3M 109640