

upr 0, 1701

- 1) A new series of personal and area samples for C-8 are needed in TFE. In my letter of 3/12/81, I addressed the personal sampling needs. Next week, you'll be receiving a letter addressing the area sampling needs.

The last group of samples taken in TFE showed marked improvement. This improvement is observed beginning with the 8/80 samples.

Fine Powder Dryer Operator's Desk	7/80	1.1 ppb
	8/80	<0.1

South End of No. 2 Dryer	7/80	12.9 ppb
	8/80	0.3

Fine Powder Packout Room	11/79	0.2 ppb
	12/80	<0.1

Weighing C-8 In Hood	12/79	0.8 ppb
	12/80	0.4

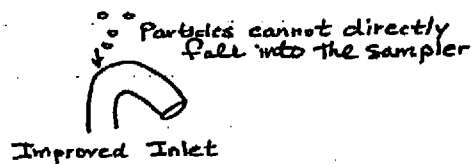
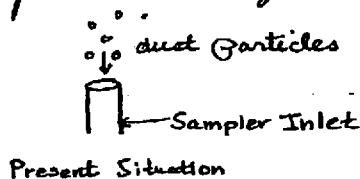
Fine Powder C-8 Pump Area	7/80	5.1 ppb
	1/81	<0.1

North End of No. 3 Dryer	7/80	1.5 ppb
	8/80	0.4 ppb

Fine Powder Dispersion Control Room	8/80	1.4 ppb
	1/81	<0.1

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- 2.) I've observed a sampling procedure problem. The sampler inlet points up and is thus subject to "fallout" of large dust particles. These particles which fall into the sampler are not representative of what a person would breathe. In fact, standard dust sampling is done with the air inlet pointing down. I spoke to Bob Lanyon about this and he said he could place U-tubes over the inlets so that they will point downward. These particles falling into the sampler may account for some sporadically high C-8 results.



- 3.) There's a need to perform more C-8 sampling downwind of Teflon. So far, I have obtained only 1 high C-8 result. It may be due to winds out of the NNE — I was sampling downwind at a trailer (outside) west of Bldg. 168. The C-8 concentration was 0.64 ppb. When I resampled this area, the winds were from the SSW and C-8 concentration was ≤ 0.1 ppb.

Joe Loschiavo
4/8/81

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