



Paul R Jann

03/13/2003 01:27 PM

To: Catherine A Barton/AE/DuPont@DuPont
cc: Wilfred K Whitcraft/AE/DuPont@DuPont, Charles J Zarzecki/AE/DuPont@DuPont, Mark C
Hause/DuPont@DuPont
Subject: Re: air monitoring 

Cathy,

Sometimes you need a little real data to satisfy both the Agency and the public when it comes down to sensitive issue like carcinogen HAPs. We did at Edge Moor for D/F sampling in the community. The ISC modeling is a prediction that should be reasonably accurate for stacks, but has a little more uncertainty when you add in fugitive and areas sources.

As far as ballpark costs for doing ambient sampling, it all depends on the scope needed for answering the question(s) raised by the issue. For Edge Moor, we did ISC modeling first to identify "hot spots" of predicted max. concentrations. Then we got Agency to agree to succinct program of 5 sample events in which we measured 24 hr avg. conc at three locations, plus upwind background location some distance away. The analytical costs can be \$1200. to \$2000. each sample depending on how many analytes we're screening for. All together and including a separate one time event at Cherry Island landfill with two locations, I believe the Weston charged \$50M-60M.

Business has to decide if cost of sampling is worth the knowledge to defuse public opinion.

regards, Paul

Catherine A Barton



Catherine A Barton
03/13/2003 11:05 AM

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PJ and Fred,

The site that Charlie and I are working with is starting to make noises about doing actual sampling to validate their ISC results. For a number of reasons, that is concerning. I'd like to hear both your thoughts on this.

In addition, I think we need to supply the business with real information about the cost and logistics for doing fence line and community modeling. Do you guys have some information that can help us here?

Thanks,
Cathie

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