



Libelo.Laurence@epamail.epa.gov on 12/01/2003 11:11:06 AM

To: Andrew S Hartten/AE/DuPont@DuPont
cc: Andrea V Malinowski/AE/DuPont@DuPont, David M Rurak/AE/DuPont@DuPont,
Fehrenbacher.Cathy@epamail.epa.gov, Dominick.Mary@epamail.epa.gov
Subject: Re: Information Request

Hi Andrew,

I hope you had a good Thanksgiving.

That is not exactly what we are asking for.

1. We don't need additional maps. We need the XY locations of each sampling point.

The best way to present this is a table of well and soil sample ID numbers in one column and their location in the next column. Location should be lat/long, UTM, or the Ohio State Plane Coordinates or some other reference system that can be tied into one of the standard coordinate systems. If you don't have the locations tied to a standard coordinate system then elevation and feet (or meters) easting and northing would do as long as the plant release locations are in the same system.

If you don't have the locations then please tell us how you located the wells on the maps that you have submitted. If the locations were not surveyed or found by GPS then the best info you have would be O.K. as long as it allows us to map the locations as well as they are known.

If you have the data in a GIS format, arcview for example, that would be useful. We don't have autocad.

What we want is the raw info that is needed make maps of measured concentrations from well and soil samples. We want to be able to make our own maps and to run geostats on the data to evaluate model predictions and to look for trends.

2. You presented a table with groundwater concentrations in one column and the predicted air concentrations in another. We would like to see the raw data that was used to make that table. How many groundwater samples were used to derive the groundwater concentration numbers? Which wells? Which sampling dates? Were all the wells that have been sampled included in that analysis? The table had what appeared to be average concentrations. What were the maximum? How did they vary? Standard deviation?

3. We also need all the model inputs, including meteorology data, geographic inputs, release estimates, chem properties, etc that were used to run the model. A list of all the inputs used in each model run along with a sentence or two explaining how they were chosen and what assumptions were used would be the best. At the least we need to see the input files so we can see how the models were run.

Similarly, we need to see the raw model outputs. We need to be able to confirm that the model ran correctly and the results are reproducible. We also need to be able to make contour maps of the predicted concentrations, and to run statistical analysis of the model outputs and the measured concentrations

why soil?

Stacks = UTM

Do we conduct
our own more
rigorous analysis?

Said
Sept 02 - Aug 03
report.

ASH027121

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I hope this makes it more clear what we are asking for. Please call me if you have questions or if this isn't clear.

Laurence

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Andrew S Hartten
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12/01/03 09:45 AM

To: Laurence
cc: David M Rurak
Andrea V Malinowski
Subject: Information Request

Laurence,

Thank you for responding to my voice-mail last Wednesday. For clarification, I'm going to summarize what information you are requesting to conduct an evaluation of air emissions versus groundwater concentrations near Wash Works.

You would like the following information:

A map displaying groundwater sampling locations. I will include maps for both the WV off-site 0-2 mile radius and the Ohio 0-2 mile radius.

* Do you want this as an Autocad file or some other format (i.e., .dwg)?

Excel spreadsheets that include all of the data for the locations displayed on the maps.

Air model input/output for modeled year 2000? Is this correct, or do

you want other modeled years (the groundwater data is for year 2002)? I'm not sure what format I can get the output data in, but will check with the air modeling team.

As soon as we resolve some of these questions I can get the information together and sent to you (on CD likely) asap. Hopefully you can have it no later than Thursday.

Thanks.....Andrew

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