



Debbie J Mulrooney
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To: Catherine A Barton/AE/DuPont@DuPont
cc:
Subject: Wash Works C8 Max Concentration

Cathie,

You asked me the other day for the maximum concentration value for the Washington Works C8 modeling. I'm not quite sure if you are looking for the maximum concentration within the Little Hocking watershed (where I did the deposition calc's), or the maximum concentration overall, which is on the plant fenceline, and is not in the Little Hocking well watershed. So, I will give you both. Note that as I told you the other day, the C8 emissions are in both the particulate and vapor phase, hence, I had to do 2 separate model runs, and add the two together to get the maximum concentration. You are probably only interested in the total:

Little Hocking well watershed area

Maximum ground-level concentration (particulate) = 0.389 ug/m3
Maximum ground-level concentration (vapor) = 0.716 ug/m3
Maximum ground-level concentration (total) = 1.105 ug/m3

Entire Area Modeled (maximum occurs on plant fenceline)

Maximum ground-level concentration (particulate) = 1.087 ug/m3
Maximum ground-level concentration (vapor) = 1.707 ug/m3
Maximum ground-level concentration (total) = 2.794 ug/m3

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