Message

From: Lin, James [lin.james@epa.gov]
Sent: 9/23/2020 10:42:38 AM
To: Blankinship, Amy [Blankinship.Amy@epa.gov]; Wente, Stephen [Wente.Stephen@epa.gov]
Subject: RE: Aldicarb - Request - Modeling worst case with current water distribution numbers

These are in the file heading –

'DEEM Input File
'Performed on: 0/ 0/ 0 at 0: 0
'Scenario: FLcitrusSTD Reservoir
'List of Daily Average Aqueous Concentration in Water Columm, mg/L
'Start data:

From: Blankinship, Amy <Blankinship.Amy@epa.gov>
Sent: Tuesday, September 22, 2020 7:28 PM
To: Lin, James <lin.james@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>
Subject: FW: Aldicarb - Request - Modeling worst case with current water distribution numbers

Hi,

See the question from Will. Also, I let him know that those values were pre-PCA and that we will be sending additional runs that consider the PCA. Just need to decide what to use.

Thanks,
Amy

From: Donovan, William <donovan.william@epa.gov>
Sent: Tuesday, September 22, 2020 3:36 PM
To: Blankinship, Amy <Blankinship.Amy@epa.gov>
Subject: RE: Aldicarb - Request - Modeling worst case with current water distribution numbers

Thanks Amy! Are these in ppm?

Will

From: Blankinship, Amy <Blankinship.Amy@epa.gov>
Sent: Tuesday, September 22, 2020 3:34 PM
To: Rate, Debra <Rate.Debra@epa.gov>; Donovan, William <donovan.william@epa.gov>
Cc: Metzger, Michael <Metzger.Michael@epa.gov>; Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>; Lin, James <lin.james@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>
Subject: RE: Aldicarb - Request - Modeling worst case with current water distribution numbers

Hi,

Attached are the surface water timeseries for 3 different incorporation depths (1.5, 2.0, and 3.0 inches) for HED to do their DEEM runs. Let us know if you have any questions or concens.

Thanks,

Amy

From: Rate, Debra <Rate.Debra@epa.gov>
Sent: Tuesday, September 15, 2020 6:56 AM
To: Donovan, William <donovan.william@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>
Cc: Metzger, Michael <Metzger.Michael@epa.gov>; Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: RE: Aldicarb - Request - Modeling worst case with current water distribution numbers

Thank you, Will!

From: Donovan, William <donovan.william@epa.gov>
Sent: Monday, September 14, 2020 7:44 PM
To: Blankinship, Amy <Blankinship.Amy@epa.gov>; Rate, Debra <Rate.Debra@epa.gov>
Cc: Metzger, Michael <Metzger.Michael@epa.gov>; Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: RE: Aldicarb - Request - Modeling worst case with current water distribution numbers

Hi Debra,

Yes, I could run the dietary assessment assuming no domestic grapefruit use and will run the water values once they are available. On leave tomorrow but can start setting things up later this week. Thanks,

Will

From: Blankinship, Amy <Blankinship.Amy@epa.gov>
Sent: Monday, September 14, 2020 5:56 PM
To: Rate, Debra <Rate.Debra@epa.gov>; Donovan, William <donovan.william@epa.gov>
Cc: Metzger, Michael <Metzger.Michael@epa.gov>; Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: RE: Aldicarb - Request - Modeling worst case with current water distribution numbers

Hi,

Thanks for confirming the label parameters. EFED does have numbers that we can provide HED.
Currently, our EDWCs are based on the shallowest depth of 2 inches. We would need to run new numbers with a 1.5 in. I don't know how much difference there will be, but we can scope that out before we send any numbers to HED.

Thanks,
Amy

From: Rate, Debra <Rate.Debra@epa.gov>
Sent: Monday, September 14, 2020 5:00 PM
To: Blankinship, Amy <Blankinship.Amy@epa.gov>; Donovan, William <donovan.william@epa.gov>
Cc: Metzger, Michael <Metzger.Michael@epa.gov>; Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: Aldicarb - Request - Modeling worst case with current water distribution numbers

Hi Amy, Will,

Sorry it has taken a bit of time for me to get back to you following the last team meeting.

Marion has met with Marietta and she does want to know what the current dietary risk picture is with water numbers – so there will be a before and after picture of the risk once EFED has applied the new modeling/refinements.

Amy, does EFED have current water distribution numbers (surface water) that can be provided to Will (HED) to use in the DEEM run? Do you need to do any additional work to get these numbers? Will, would you be able to run the DEEM when you get the new numbers?

Amy: Additionally, the registrant has confirmed that the incorporation depth and well setback numbers provided on the proposed labeling are correct (i.e., 2-3 inches incorporation). Even though the registrant says 2-3 inches incorporation, based on the conversation with the registrant and BEADs research, I think we are hoping that you might be able to run a range of depths that would also include 1.5 inches (max. depth stated on call with registrant in January '20).

Will: When we were discussing the status of our reviews with the registrant, we planted the seed that they may want to begin thinking about other crops/uses that may need to be cancelled to allow for the citrus uses. They said that it would be unlikely that the registrant would cancel any existing uses, but that maybe they would consider letting go of grapefruit. Would it also be possible to do a DEEM run for food alone without the grapefruit use to let us see how much room in the risk cup might be gained?

We really appreciate your help in running these extra modeling runs/scenarios. Please let me know if you have any questions.
Many thanks!
Debra

Debra Rate, Ph.D.
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Invertebrate & Vertebrate Branch 2
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U.S. Environmental Protection Agency

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