Message

From: Messina, Edward [Messina.Edward@epa.gov]
Sent: 2/24/2021 7:18:01 PM
To: Leifer, Kerry [Leifer.Kerry@epa.gov]; Goodis, Michael [Goodis.Michael@epa.gov]; Ozmen, Shamus [Ozmen.Shamus@epa.gov]; Layne, Arnold [Layne.Arnold@epa.gov]; Echeverria, Marietta [Echeverria.Marietta@epa.gov]; Aubee, Catherine [Aubee.Catherine@epa.gov]
CC: Siedschlag, Gregory [Siedschlag.Gregory@epa.gov]; Dinkins, Darlene [Dinkins.Darlene@epa.gov]; Lara, Rhina [Lara.Rhina@epa.gov]; Nesci, Kimberly [Nesci.Kimberly@epa.gov]
Subject: RE: For OPP IO Review: E&E News - PFAS inquiry; DDL 2/24

Hmm. Interesting, this is different from what I had heard and what we have been telling people. We definitely need to refine our message on this.

Ed

Ed Messina, Esq.
Acting Office Director
Office of Pesticide Programs
Office of Chemical Safety & Pollution Prevention
U.S. Environmental Protection Agency
Washington, D.C.
p: (703) 347-0209

From: Leifer, Kerry <Leifer.Kerry@epa.gov>
Sent: Wednesday, February 24, 2021 2:16 PM
To: Goodis, Michael <Goodis.Michael@epa.gov>; Ozmen, Shamus <Ozmen.Shamus@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>; Echeverria, Marietta <Echeverria.Marietta@epa.gov>; Aubee, Catherine <Aubee.Catherine@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>
Subject: RE: For OPP IO Review: E&E News - PFAS inquiry; DDL 2/24

One big communication issue here is the definition of PFAS. Under the broadest possible definition (which basically includes any chemical with a carbon-fluorine bond in its structure), there are some active ingredient and inert ingredient PFAS, including some inert ingredients listed in InertFinder.

If the discussion is on the types of PFAS that migrated from the fluorinated HDPE containers in question, and that are of known risk concerns, they are not used as inert ingredient or listed in InertFinder. My understanding is Ex. 5 Deliberative Process (DP)

Ex. 5 Attorney Client (AC)

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From: Goodis, Michael
Sent: Wednesday, February 24, 2021 1:56 PM
To: Ozmen, Shamus <Ozmen.Shamus@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>; Echeverria, Marietta <Echeverria.Marietta@epa.gov>; Leifer, Kerry <Leifer.Kerry@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>
Subject: RE: For OPP IO Review: E&E News - PFAS inquiry; DDL 2/24

Are we not able to confirm there are no PFAS compounds in Inert Finder for #7 below?

Looping in RD for input.

Michael L. Goodis, P.E.
Acting Deputy Director for Programs
Office of Pesticide Programs
Office of Chemical Safety and Pollution Prevention
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571-309-5497 (cell)

From: Ozmen, Shamus <Ozmen.Shamus@epa.gov>
Sent: Wednesday, February 24, 2021 11:23 AM
To: Messina, Edward <Messina.Edward@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>
Subject: RE: For OPP IO Review: E&E News - PFAS inquiry; DDL 2/24

Hi Ed – We had included a sentence but OGC thought Ex. 5 Attorney Client (AC)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

From: Messina, Edward <Messina.Edward@epa.gov>
Sent: Wednesday, February 24, 2021 11:15 AM
To: Ozmen, Shamus <Ozmen.Shamus@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>
Subject: RE: For OPP IO Review: E&E News - PFAS inquiry; DDL 2/24

These are good. Do we want to say more that t Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) ?

Ed Messina, Esq.

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From: Ozmen, Shamus <Ozmen.Shamus@epa.gov>
Sent: Wednesday, February 24, 2021 11:03 AM
To: Goodis, Michael <Goodis.Michael@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>
Subject: RE: For OPP IO Review: E&E News - PFAS inquiry; DDL 2/24
Importance: High

Thanks Mike.

Ed – Please let me know if you have any comments.

From: Goodis, Michael <Goodis.Michael@epa.gov>
Sent: Wednesday, February 24, 2021 10:33 AM
To: Ozmen, Shamus <Ozmen.Shamus@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>
Subject: RE: For OPP IO Review: E&E News - PFAS inquiry; DDL 2/24

Thanks – I don't have any comments.

Michael L. Goodis, P.E.
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From: Ozmen, Shamus <Ozmen.Shamus@epa.gov>
Sent: Wednesday, February 24, 2021 8:40 AM
To: Messina, Edward <Messina.Edward@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>; Layne, Arnold <Layne.Arnold@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Lara, Rhina <Lara.Rhina@epa.gov>
Subject: For OPP IO Review: E&E News - PFAS inquiry; DDL 2/24

HI – Below for your review is the response to an E&E News inquiry regarding the PFAS in pesticide packaging. The response was also reviewed by OGC.

1. ***Who manufactures the barrels in question?***

Ex. 5 Deliberative Process (DP)

2. *What can you tell us about the levels of PFAS EPA found in the barrels? Were the measurements in ppt, ppb?*

Ex. 5 Deliberative Process (DP)

3. *Is this issue limited to pesticides used in Southeastern Massachusetts, or is EPA worried about other products or other geographies where this may be the case?*

Ex. 5 Deliberative Process (DP)

4. *What can you tell us about what other products might be contained in these barrels?*
   - *Based on EPA's coordination with USDA and FDA, can you tell us if there are any food products you are concerned about and which ones?*

Ex. 5 Deliberative Process (DP)

5. *Is EPA working with any trade groups or organizations on this issue to communicate with pesticide manufacturers? Are there any plans to do widespread testing of other pesticides that are transported in the barrels?*

Ex. 5 Deliberative Process (DP)

6. *Regarding EPA's Inert Finder, are companies meant to use that as a baseline for what inert ingredients are permitted?*

Ex. 5 Deliberative Process (DP)

7. *Are there any PFAS listed in the finder? If so, how has EPA been able to rule them out as a potential source of the contamination?*

Ex. 5 Deliberative Process (DP)

From: Ev Crunden <ecrunden@eenews.net>
Sent: Monday, February 22, 2021 5:38 PM
To: Drinkard, Andrea <Drinkard.Andrea@epa.gov>; awittenberg@eenews.net; Press <Press@epa.gov>
Subject: Re: PFAS in pesticide barrels--E&E News

Hi Andrea,

Thanks for the update! We realized we have a lot of questions as we try to get a grasp on all of this, so just wanted to collect them below in one place for you, if written responses work best.

We are wondering:

- Who manufactures the barrels in question?

- What can you tell us about the levels of PFAS EPA found in the barrels? Were the measurements in ppt, ppb?

- Is this issue limited to pesticides used in Southeastern Massachusetts, or is EPA worried about other products or other geographies where this may be the case?

- What can you tell us about what other products might be contained in these barrels?

- Based on EPA's coordination with USDA and FDA, can you tell us if there are any food products you are concerned about and which ones?

- Is EPA working with any trade groups or organizations on this issue to communicate with pesticide manufacturers? Are there any plans to do widespread testing of other pesticides that are transported in the barrels?

- Regarding EPA's Inert Finder, are companies meant to use that as a baseline for what inert ingredients are permitted?

- Are there any PFAS listed in the finder? If so, how has EPA been able to rule them out as a potential source of the contamination?

Sorry for the onslaught but just want to make sure we get everything. Thanks so much.

Best,
Ev