

From: 5.1.2e
To: 5.1.2e
Subject: RE: PFAS / conference call with FPG (Plastics Europe) and RPA / Follow up
Date: dinsdag 19 januari 2021 08:28:04

Dear 5.1.2e

Thanks for your email and the relevant remarks/questions. I have forwarded your email to my colleagues working respectively on breakdown pathways and on electronics.

Regarding your third point on the workshop on essential use; I did put both 5.1.2e and you on our long list of possible participants. However to facilitate good discussions, we could only invite 3x 15 persons for the workshop, representing different stakeholders. Therefore, we had to make some choices. Last week, I had email contact with 5.1.2e and I noted his interest and put him on the reserve list.

After the three workshop sessions, I am sure the discussions will continue and there will be plenty opportunities to discuss further.

Kind regards,

5.1.2e

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5.1.2e @rivm.nl

RIVM, Centre for Safety of Substances and Products
 Antonie van Leeuwenhoeklaan 9 | 3721 MA Bilthoven | The Netherlands
 P.O. Box 1 | 3720 BA Bilthoven | www.rivm.nl/en
www.chemischestoffengoeedgereregeld.nl

From: 5.1.2e <5.1.2e@mmm.com>
Sent: maandag 18 januari 2021 21:27
To: 5.1.2e <5.1.2e@rivm.nl>
Subject: PFAS / conference call with FPG (Plastics Europe) and RPA / Follow up

Dear 5.1.2e

It was nice seeing you this morning in the call with FPG (Plastics Europe) and RPA. On this occasion I would also like to wish you a happy new year and all the best for the year ahead!

I would like to follow-up with you on three things based on our discussion this morning:

1. You asked a question regarding the **PFAS substances which are less persistent**, and about their degradation products. I didn't respond as not fluoropolymers related, but some of 3M's direct PFAS products, e.g. 3M Novec-branded products (fluoroketones, fluoronitrile, hydrofluoroethers), would be considered as less persistent. Those are low global warming solutions used in many applications in transportation, energy, electronics, fire-protection and other sectors as a replacement of chemicals with much higher global warming potential (halons, HFCs, SF6). The 3M Novec-branded products preferentially partition to the atmosphere and studies indicate that they degrade over time through natural

processes in the atmosphere and do not redistribute to soil or water to any meaningful degree. I would be happy to discuss and explain those further to you if you deem relevant in preparation of the upcoming PFAS restriction. Please let me know whether you would be interest in a follow-up call to discuss this.

2. **Electronics study:** as mentioned during the call, 3M would be interest to contribute to this study as we have both direct PFAS as well as PFAS-enabled products selling into this sector. I would be grateful if you could connect me with the relevant consultants working on this study.
3. **Online Workshop on Essential Uses of persistent chemicals:** would it be possible to include also AmCham EU as a participant to this workshop? I have checked with them and I understand they have not been invited (yet). At AmCham EU we contributed extensively on the subject of the 'Essential use concept and PFAS' since last summer already – we were one of the first industry stakeholders to develop a position/discussion paper on this.

Thank you and Best regards, 5.1.2e



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From: 5.1.2e <5.1.2e@rivm.nl>
Sent: Wednesday 14 October 2020 09:28
To: 5.1.2e <5.1.2e@mmm.com>
Subject: [EXTERNAL] RE: PFAS Call for Evidence - Follow Up

Dear 5.1.2e

Thanks for your email. During the webinar we will explain how we have organized the work between the Member States.

Actually, 3M is covering many applications and the information is relevant for several studies. For example we have separate studies on medical devices, transportation, electronics, textile etc.

I will make sure that the information in your mail (and in the Call for Evidence) is forwarded to the respective researchers.

Kind regards,

5.1.2e

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From: 5.1.2e <5.1.2e@mmm.com>
Sent: dinsdag 13 oktober 2020 20:15
To: 5.1.2e <5.1.2e@rivm.nl>
Subject: RE: PFAS Call for Evidence - Follow Up

Dear Mr. 5.1.2e

Thank you very much for this information – I will join the webinar.

Regarding the studies that you are currently conducting on the use of PFAS in different applications, could you tell more about which applications you are looking at? 3M as a manufacturer of medical devices, PPE and several other PFAS-enabled products used in different industries (automotive & aerospace, electronics, construction and others) would certainly be interested to be part of those studies. I attach for your information the PFAS-enabled products responses from 3M. In case of interest from your side, I would be happy to organize a call with our experts for any follow-up questions.

Thank you again and Best regards, 5.1.2e



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From: 5.1.2e <5.1.2e@rivm.nl>
Sent: Thursday 8 October 2020 08:18
To: 5.1.2e <5.1.2e@mmm.com>
Subject: [EXTERNAL] RE: PFAS Call for Evidence - Follow Up

Dear 5.1.2e

I would like to inform you that in the follow-up phase of the CfE, the REACH competent authorities of the five Member States, Germany, the Netherlands, Norway, Sweden and Denmark, will be hosting a Webinar on 29 October with assistance of ECHA in order to explain the REACH restriction process and status of the proposed PFAS restriction. (please see <https://echa.europa.eu/-/restriction-of-per-and-polyfluoroalkyl-substances-pfas-under-reach>)

The webinar will be published on ECHA's home page on 29 October at 13:30 CET, GMT +1 and further instructions for joining a live Q&A session where experts from the 5 Member States will be answering your questions until 15:30 CET will be available there as well. You are welcome to send in any questions you might already have in advance of the meeting till 19 October to

5.1.2e [@baw.bund.de](mailto:5.1.2e@baw.bund.de).

Currently we are conducting studies to the use, emissions and alternatives of PFAS in different applications. The information received during the call for evidence will be used in these studies and if needed respondents are contacted for follow-up questions. Part of these studies will be done by consultants.

Kind regards,

5.1.2e

5.1.2e

5.1.2e [@rivm.nl](mailto:5.1.2e@rivm.nl)

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From: 5.1.2e <5.1.2e@mmm.com>
Sent: dinsdag 6 oktober 2020 16:15
To: 5.1.2e <5.1.2e@rivm.nl>
Subject: RE: PFAS Call for Evidence - Follow Up

Dear Mr. 5.1.2e

Following the Call for Evidence exercise, I understand you are now planning to organize further discussions with some stakeholders. I would like to re-confirm 3M's interest in being contacted for a follow-up meeting and discussions with you as well as the other REACH competent authorities working on this dossier. Please let me know if it would be possible to have such a meeting with you.

Kind regards, 5.1.2e

3M Science.
 Applied to Life.™

5.1.2e

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From: 5.1.2e <5.1.2e@rivm.nl>
Sent: Tuesday 8 September 2020 12:59
To: 5.1.2e <5.1.2e@mayerbrown.com>
Cc: 5.1.2e <5.1.2e@mmm.com>
Subject: [EXTERNAL] RE: PFAS call for Evidence - Follow Up

Dear 5.1.2e

Thank you very much for the participation of the AmCham and other parties in the Call for Evidence with regard to PFAS.

The Call for Evidence ended successfully at midnight 31 July 2020 with around 560 participants submitting their responses and further information. The contributions will not be made publicly available.

Due to this large number of participations and therefore hugh amount of information, publications, statements etc., the assessment of this information by the national REACH competent authorities of Germany, the Netherlands, Norway, Sweden and Denmark will take place in the next months.

If necessary and applicable the competent authorities will contact you in the follow-up phase (second half of 2020 and/or first half of 2021) with further questions and/or an invitation to stakeholder meetings only if needed.

You will be only contacted in the follow-up phase with further questions and/or an invitation for a meeting if indicated by you in the questionnaire.

In case of any further questions, please do not hesitate to contact us.

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From: 5.1.2e <5.1.2e@mayerbrown.com>

Sent: woensdag 2 september 2020 10:46

To: 5.1.2e <5.1.2e@rivm.nl>

Cc: 5.1.2e <5.1.2e@mmm.com>

Subject: PFAS call for Evidence - Follow Up

Dear 5.1.2e

Dear 5.1.2e

I hope you are doing well and had a good summer.

I understand many parties, including AmCham EU and 3M, whom I work with, contributed to the call for evidence in July.

When we last spoke you kindly indicated that you would engage in discussions with stakeholders in the fall once you have received the contributions to the call for evidence. In what timeframe do you think those meeting can start to take place? September? October? I know 3M is keen to engage with RIVM on this, hence I am copying 5.1.2e who may follow up with you directly on this.

Also, do you know if and when the contributions will be made available to the public for review? We have been looking but could not find them published yet.

Thank you and kind regards. 5.1.2e

5.1.2e
Mayer Brown Europe-Brussels LLP
T: 5.1.2e

From: 5.1.2e <5.1.2e@rivm.nl>
Sent: mercredi 20 mai 2020 12:19
To: 5.1.2e <5.1.2e@mayerbrown.com>
Subject: RE: Follow up from AmCham EU meeting

****EXTERNAL SENDER****

Dear 5.1.2e

I assume you have seen the announcement on the call for evidence regarding the PFAS restriction.

<https://echa.europa.eu/nl/-/five-european-states-call-for-evidence-on-broad-pfas-restriction>

Kind regards,

5.1.2e

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From: 5.1.2e
Sent: maandag 4 mei 2020 18:29
To: 5.1.2e
Subject: Follow up from AmCham EU meeting

Dear 5.1.2e

I hope you are doing well in these troubled times.

We met in 2018 as I was part of AmCham EU delegation who came to visit RIVM to discuss a range of REACH issues.

I understand that RIVM is currently working on a future PFAS restriction, and wanted to understand how Industry, including AmCham EU members, can best get engaged and contribute to the elaboration of this proposal in its different phases.

Would you be available for a quick call on this? That will not be long I promise.

Thank you and kind regards. 5.1.2e

5.1.2e

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