

From: [REDACTED]
To: [REDACTED]
Bcc: [REDACTED]
Subject: RE: Lastfire foam Summit day 1
Date: 15 September 2021 21:01:00

Dear [REDACTED]

Yes, I agree that the FR MoD should collaborate with Lasfire. More generally I am a bit disappointed by what I perceive to be a lack of collaboration and experience exchange among the different actors (Lasfire being rather an exception). I'm sure a quicker transition could be achieved if this was in place.

I fully agree with you on the cement kilns. I'm trying to make this technique visible in the proposal but the problem is that there is basically not scientific literature on it (the only scientific article is on a lab test) and the only source of information on real conditions being Nigel Holmes (without supporting documentation being published as far as I know). So, there is little scientific argumentation to support the idea and have RAC's buy-in. Due to this, I haven't found any other option to insert in the restriction entry that PFAS waste should be "*incinerated in hazardous waste incinerators or disposed of using other treatment techniques reducing the concentration of PFAS close to zero*", to at least exclude municipal incinerators and leave the door open to cement kilns. Probably funding a study to compare the two techniques in real conditions would help having the scientific basis to promote the best one.

I hope we will be able to make a good proposal. We have quite a lot of information on some topics, less on others and several assumptions made, to see how stakeholders and RAC/SEAC will react to it.

Best regards,

[REDACTED]

From: [REDACTED] <[REDACTED]>
Sent: 15 September 2021 18:27
To: [REDACTED] <[REDACTED]>
Subject: RE: Lastfire foam Summit day 1

Thanks [REDACTED]

I followed part of the morning but I missed the presentation on the tests (I was on the call with [REDACTED]). Good that there are positive results. Thinking about the points raised by the FR Ministry of Defence, they should really get in touch with Lastfire to use their experience. The tests they do seem much more limited.

What I found interesting from the morning was the presentation on waste disposal and how cement kilns seem to be the best option. Even industrial waste incinerators are not really a good solution, because PFAS can be formed again after the destruction and there is the problem of HF generation.

I've discussed with [REDACTED] the postponement of the submission and I will support the second option (submission in January). I really hope that you can continue to be the dossier manager until then.

Kind regards

[REDACTED]

From: [REDACTED] <[REDACTED]>

Sent: Wednesday, September 15, 2021 5:21 PM

To: [REDACTED] (ENV) <[REDACTED]>

Subject: Lastfire foam Summit day 1

Dear [REDACTED]

I followed a series of presentations. Nothing really new to me, except the latest series of fire tests with fluorine-free run by Lastfire, including on a 50x6m pit. The results were said to be very good. Some additional tests will be performed in the coming months with other fuels, other fuel depths, etc. From there my question if 10 years would still be needed for the Seveso sector. I'd like to discuss this with [REDACTED] after the summit.

I will join again on Friday.

Best regards,

[REDACTED]