

[REDACTED]

From: [REDACTED]
Sent: 15 August 2022 10:17
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: PFOA Releases

[REDACTED]

Thanks for your email.

I have a few days holiday this week and [REDACTED] return from holiday this week.

Ill get together with the team here at AGCCE and come back to you with an initial reponse by end of next week (26th August) if that is OK?

[REDACTED]



[REDACTED]

AGC Chemicals Europe, Ltd.

[REDACTED]

www.agcce.com



This email address has changed
from @agcce.com to @agc.com

Disclaimer:

This email and the information contained therein and within any attachments is confidential and may be privileged. If you have received this email in error please notify us immediately. If you are not the intended recipient, you are not authorised to, and must not use, disclose, copy, distribute, retain or rely on this email or any part of it. AGC Chemicals Europe, Ltd. may monitor email traffic data and also the content of email for the purposes of security and staff training. A list of Directors' names is open to inspection at the address below. AGC Chemicals Europe, Ltd. is registered in England. Registration Number: 3825057
Registered Office: York House, Hillhouse International, Fleetwood Road North, Thornton-Cleveleys, Lancashire, FY5 4QD VAT: 732803742.

From: [REDACTED]
Sent: 15 August 2022 10:06
To: [REDACTED]
Cc: [REDACTED]

Subject: PFOA Releases

Good Morning [REDACTED]

Would it possible to confirm some mass releases of PFAS to the water. The numbers are based on information supplied during our telecom.

1 Historical release to river/sea of PFOA, of the order of the low hundreds of tonnes over a period from the 1950s until 2010 (or was it 2011?). I'm basing that on the 400 – 600 tonnes of PFOA usage and the wet polymerisation process resulting in the bulk of the PFOA used being released to water.

2 Current releases of PFOA to water, 26kg per year. That is based on a concentration of 80 µg/l and an annual effluent discharge of 330,000 m3 per year.

3 SAA-1000, can you supply a number for an annual mass release please. My notes are that at 1mg/l and the same effluent flow the annual release would be 330kg.

Do you have any survey work on PFAS, and in particular PFOA ,in offshore sediment and/or in biota, particularly shellfish?

After discussing with [REDACTED], we are considering a permit improvement condition along the lines of.

1 Please quantify annual releases of all PFAS from the site to all media.

2 Please put forward proposals to reduce releases of PFOA to water.

3 Please put forward proposals to reduce releases of Perfluoro(2-ethoxy-2-fluoroethoxy)acetic acid ammonium salt [EEA-NH4 (SAA-1000) to water.

Do you have any comments on this proposal?

Best wishes

[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]

Links for Defra Group:

Join our [Chemicals Programme Yammer group](#)

Visit [Chemical Programme Knowledge Exchange - Home \(sharepoint.com\)](#) for information on our teams and much more

Information in this message may be confidential and may be legally privileged. If you have received this message by mistake, please notify the sender immediately, delete it and do not copy it to anyone else. We have checked this email and its attachments for viruses. But you should still check any attachment before opening it. We may have to make this message and any reply to it public if asked to under the Freedom of Information Act, Data Protection Act or for litigation. Email messages and attachments sent to or from any Environment Agency address may also be accessed by someone other than the sender or recipient, for business purposes.