

[REDACTED]

From: [REDACTED]
Sent: 11 July 2022 14:59
To: [REDACTED]
Subject: RE: AGC PFOA Discussion

Hi

Thanks, that's 80 µg/l. We have been monitoring for PFOA for some years, checking the last few years monitoring the highest PFOA level recorded was in surface water runoff from a major airport and was 0.1 µg/l, I just wanted to confirm that the number was correct as it is considerably higher than PFOA values we are detecting elsewhere in the UK.

Best wishes

[REDACTED]

From: [REDACTED]
Sent: 11 July 2022 13:33
To: [REDACTED]
Subject: RE: AGC PFOA Discussion

Apologies typo!

I have double checked the laboratory reports and they show ug/ml.

The conversion is correct 1ug/ml = 1000 ug/l.



[REDACTED]
[REDACTED]
AGC Chemicals Europe, Ltd.
[REDACTED]

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Registered Office: York House, Hillhouse International, Fleetwood Road North, Thornton-Cleveleys, Lancashire, FY5 4QD VAT: 732803742.

From: [REDACTED]
Sent: 11 July 2022 13:32
To: [REDACTED]
Subject: RE: AGC PFOA Discussion

I have double checked the laboratory reports and they show ug/ml.

The conversion is correct 1ug/ml = 1000 ug/ml.

[REDACTED]

From: [REDACTED]
Sent: 11 July 2022 09:49
To: [REDACTED]
Subject: RE: AGC PFOA Discussion

Hi [REDACTED]

Could I just confirm that one of the numbers in the email is correct, 0.08 µg/ml, which is 80 µg/l.

Our monitoring data is in µg/l, just want to conform that I have the correct number.

Best wishes

[REDACTED]

From: [REDACTED]
Sent: 06 July 2022 15:56
To: [REDACTED]
[REDACTED]
[REDACTED]
Subject: RE: AGC PFOA Discussion

[REDACTED]

Just wanted to confirm we are still OK for next week.

I will attend and likely be joined by [REDACTED]

As requested please find attached a process flow – we have shown key PFOA emission points, but can share more data during the call on 13th.

Please also note the following:

- PFOA was intentional used by AGCCE from 1950s until 2012 when it was phased out and replaced with SAA-1000. PFOA has not been intentional used on site since 2012.
- AGCCE have as part of the SPMP and other ground condition monitoring identified levels of PFOA in the soil within the site boundary – related to historical use.
- AGCCE have historically monitored PFOA in the effluent stream, due to its historical use, in the effluent we see background levels (2022 avg 0.08 ug/ml). Evidence indicates this is due to historical deposition of PFOA.

- Low levels of PFOA (less than 500ppb) are generated unintentionally within the product, for a specific subset of products that are subject to irradiation or thermal degradation. AGCCE as part of compliance with REACH regulations, now treat the polymer to reduce the levels of PFOA in the product below 25ppb (increasing proportion subject to treatment from 0% in 2020 to 100% by June 2022). The emissions from the treatment process are sent to abatement.



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-----Original Appointment-----

From: [REDACTED]
Sent: 14 June 2022 13:57
To: [REDACTED]
Subject: FW: AGC PFOA Discussion
When: 13 July 2022 11:00-12:30 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.
Where: Microsoft Teams Meeting

-----Original Appointment-----

From: [REDACTED]
Sent: [REDACTED]
Subject: AGC PFOA Discussion
When: 13 July 2022 11:00-12:30 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.
Where: Microsoft Teams Meeting

Hello [REDACTED]

Apologies for the problems with the last meeting.

Could we please arrange to meet on 13th July to discuss potential PFOA releases at the AGC site. This is in response to the analysis by the Times and our monitoring which shows elevated PFOA levels in local fish, the River Wyre and in the Greater Manchester area.

Can I suggest as an agenda;

1 Update on any monitoring information AGC has on PFOA releases from the site or on PFOA levels in the local environment.

2 PFOA use and potential releases from the site.

3 Next steps.

The following monitoring information is potentially relevant to our discussion.

1 PFOA and PFOS in fish showing elevated levels on the Northwest coast compared to the Northeast coast.

2 Scan monitoring data from a location that is very slightly upstream from the AGC discharge point. Password is AGC_chemicals_Jun_22 This is semi quantitative GCMS LCMS scan monitoring data, excellent for presence, less accurate for concentration. For comparison I have pasted below the top PFOA monitoring results for 2021 (fully quantitative). The results for the Wyre would be inside the top five PFOA monitoring results for 2021. I'll caveat that statement as scan data is not particularly accurate with regard to concentration.

3 PFOS and PFOA monitoring map for England, showing a PFOA hot spot for Manchester and the Northwest.

It would be helpful pre meeting if you could share a flow diagram and description as to how PFOA is processed on site.

Best wishes

[Redacted signature block]

[Redacted text block]

@Id	sample.s	sample.s	sample.samplingPoint.label	sample.sampleDate	determin	determin
http://en	http://en	TH-PCRRO	HEATHROW AIRPORT EASTERN LAGOC	12/02/2020 11:25	pFoctano	Perfluoro
http://en	http://en	SW-60130	SPRING NORTH OF STOWEY QUARRY	22/01/2020 13:06	pFoctano	Perfluoro
http://en	http://en	SW-60130	SPRING WEST OF STOWEY QUARRY	22/01/2020 14:15	pFoctano	Perfluoro
http://en	http://en	TH-PCRRO	HEATHROW AIRPORT EASTERN LAGOC	22/01/2020 10:19	pFoctano	Perfluoro
http://en	http://en	TH-PCRRO	CRANE BELOW EASTERN BALANCING R	22/01/2020 10:36	pFoctano	Perfluoro
http://en	http://en	SW-60130	POOL AT STOWEY QUARRY	22/01/2020 13:57	pFoctano	Perfluoro
http://en	http://en	TH-PCRRO	YEADING BROOK WEST AT THE WESTER	08/01/2020 10:07	pFoctano	Perfluoro
http://en	http://en	NE-45300	RUSHYFORD BCK 200M D/S TRIB WIND	07/01/2020 09:55	pFoctano	Perfluoro
http://en	http://en	TH-PCRRO	CRANE BELOW EASTERN BALANCING R	12/02/2020 11:41	pFoctano	Perfluoro
http://en	http://en	NW-88002	PENNINGTON BROOK AT BLACK HARR	14/01/2020 13:40	pFoctano	Perfluoro
http://en	http://en	NW-88002	PENNINGTON BROOK AT BLACK HARR	11/02/2020 14:38	pFoctano	Perfluoro
http://en	http://en	NW-88002	RIVER BROCK PTC NEW DRAUGHT BRO	10/01/2020 12:52	pFoctano	Perfluoro

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