

[REDACTED]

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**From:** [REDACTED]  
**Sent:** 11 July 2022 09:51  
**To:** [REDACTED]  
**Subject:** RE: AGC PFOA Discussion

Hi [REDACTED]

Thanks for the email, to confirm our meeting, 11:00 Wednesday this week.

Best wishes

[REDACTED]

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**From:** [REDACTED]  
**Sent:** 06 July 2022 15:56  
**To:** [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 13<sup>th</sup>.

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.
- [REDACTED]



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

**From:** [REDACTED]  
**Sent:** 14 June 2022 13:57  
**To:** [REDACTED]  
**Subject:** FW: A [REDACTED] on  
**When:** 13 July [REDACTED] (UTC+00:00) Dublin, Edinburgh, Lisbon, London.  
**Where:** Microsoft Teams Meeting

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

**From:** [REDACTED] >  
**Sent:** 14 June 2022 12:18To: [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 13<sup>th</sup> 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



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

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