

From: ChemG <[REDACTED]>
Sent: 02 February 2022 10:39
To: [REDACTED]
Cc: [REDACTED]
Subject: PFAS-R ENV Monitoring and Hazard documents upload

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AZ: 721 65/03.00854-R

Dear [REDACTED] and [REDACTED]

as announced in our previous E-Mail, I just uploaded our documents regarding environmental monitoring of PFASs and how the findings support the environmental concerns to S-Circabc (https://webgate.ec.europa.eu/s-circabc/ui/group/881f9fd7-9e57-4de5-ab12-35ce08dbf09b/library/5a7ac7ee-671a-4730-8602-2b3548bc60f5?p=1&n=10&sort=modified_DESC) .

These documents can be considered as 90 % complete i.e. only minor changes are pending. Documents, where changes are pending are marked in the overview provided below.

This "package" includes text for Annex B.4.2 of the dossier. Precisely:

- B.4.2.1 Procedural notes on this section [20220201_Introduction_monitoring.docx]
- B.4.2.2. Monitoring data substantiating the concerns
 - B.4.2.2.1 High persistence [20220201_Persistence.docx]
 - B.4.2.2.2. Long range transport potential [20220201_LRTP_remot_areas.docx -> Minor changes pending (marked in yellow), 20220201_LRTP_table.xlsx]
 - B.4.2.2.5 Field and semi-field data on enrichment into plants [20220201_Enrichment_plants.docx]
 - B.4.2.2.6 Effects on wildlife [20220201_Effects_on_wildlife.docx]
- B.4.2.3 Key studies and NORMAN data for each environmental compartment
 - B.4.2.3.1 Distribution in water and soil [20220201_Distribution_mobility_water_soil.docx as text and the tables with data as provided below]
 - B.4.2.3.1.1 Occurrence of PFAS in groundwater, fresh water, marine water [20220201_groundwater_table.xlsx, 20220201_surface_water_table.xlsx]
 - B.4.2.3.1.2 Drinking water [20220201_drinking_water_table.xlsx]
 - B.4.2.3.1.3 Soil [20220201_soil_table.xlsx]
 - B.4.2.3.2 Sewage treatment plants
 - B.4.2.3.2.1 Sewage sludge [20220201_sewage_sludge.docx, 20220201_sewage_sludge_table.xlsx]
 - B.4.2.3.2.2 Wastewater influents and effluents [20220201_SPM_wastewater_influents_effluents_Biota_time_trends.docx -> the respective chapter therein, 20220201_waste_water_influent_table.xlsx & 20220201_waste_water_effluent_table.xls]
 - B.4.2.3.3 Sediment [Pending, will be prepared by colleagues from NL]
 - B.4.2.3.4 Suspended particulate matter [20220201_SPM_wastewater_influents_effluents_Biota_time_trends.docx -> the respective chapter therein]

- B.4.2.3.6 Biota [20220201_SPM_wastewater_influents_effluents_Biota_time_trends.docx -> the respective chapter therein, 20220201_Biota_table.xlsx]
- B.4.2.4 Man via the environment [covered by Human biomonitoring]
- B.4.2.5 Time trends [20220201_SPM_wastewater_influents_effluents_Biota_time_trends.docx -> the respective chapter therein]
- B.4.2.6 Screening for environmental occurrence of yet non-regulated PFASs
 - B.4.2.6.1 EOF/AOF in environment and biota [20220201_EOF_TOF_Environment.docx -> some work still to be done here]
 - B.4.2.6.2 Non Target Screening [NTS_environment.docx -> some work still to be done here]

Please note, that when you copy data from the .xlsx files into word files you need to make sure that Excel uses the right decimal separator. Our "German" Excel is pre-set to use "," as decimal separator, while in many other countries it's ".".

Also, I uploaded some additional documents for the ENV hazard assessment for inclusion into your AFFF dossier to S-Circabc (<https://webgate.ec.europa.eu/s-circabc/ui/group/881f9fd7-9e57-4de5-ab12-35ce08dbf09b/library/8a8f7211-c72c-473d-84c1-42a48ad892d1>).

The documents attached (in the .zip file) include text for the following chapters:

- B.4.2.1 Adsorption/Desorption (mobility in water)
[20220201_PFAS_restriction_ENV_HAZ_Distribution_mobility -> Refs are now included compared to the version we send last week]
- B.4.2.2 Volatilization [20220201_PFAS_restriction_ENV_HAZ_volatilisation.docx -> new chapter, can be considered as complete]
- B.4.2.5 Data indicating potential for long-range transport [20220201_PFAS_restriction_ENV_HAZ_LRTP.docx -> new chapter, working version e.g. references still need to be inserted]

I hope this helps you to integrate our working documents into your dossier smoothly. In case of questions, as always, feel free to contact us at any time.

Best regards,



(by proxy for [redacted] and the UPFAS-ENV Team)