

From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: Response to EA re CWDA v11 RFI (EPR/JP3122GM)
Date: 10 October 2023 16:08:55
Attachments: [image001.png](#)
[101176348 CWDA Permit variation Cd Cr DIN - data Cefas Rev0.01.xlsx](#)

Dear [REDACTED],

Further to the letter dated 02 October 2023 Request for further information (permit ref: EPR/JP3122GM/V011), we have been advised that point 1 remains open:

Information request 1:

You (HPC) have provided a summary of the H1 surface water risk assessment outcomes in the main supporting report (reference: HPC company document – Environmental permit variation application: Hinkley Point C Construction Water Discharge Activity Permit – Tunnel Effluent (101131164)).

Your report explains that the proposed variation DIN, cadmium and chromium concentrations/loadings do not need detailed WQ modelling (based on the concentrations screening out of the risk assessment process via the marine H1 risk assessment approach). However, we need the underpinning calculations, and the raw data you have used to complete the risk assessment screening tests/steps. This information is required to ensure that we can audit and repeat the calculations you have completed to demonstrate clearance through tests 1 to 5 (to ensure that we can replicate the same outcomes, and ensure that the correct background data/numbers have been utilised). We also need to see the calculations behind the annual significant load test result for cadmium.

I am happy to provide the following additional calculation data regarding the risk assessment screening tests – see attached Excel sheet ‘101176348 CWDA Permit variation Cd, Cr, DIN – data_Cefas Rev0.01’.

The spreadsheet consists of 2 tabs.

Tab 1: cover sheet
Tab 2: EA Screening tests
Tab 3: Effluent data

The EA Screening tests tab shows the summary of the calculations based on the screening tests as per the Environment Agency guidance here: <https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit#screening-tests-estuaries-and-coastal-waters>
This tab also has explanatory information to support the assessment.

The Effluent data has the calculations the summary is based on for Dissolved Inorganic Nitrogen (column E), Cadmium (column F) and Chromium (column G).

I trust this information is satisfactory, please can you confirm receipt of this email and advise if any additional clarification is required.

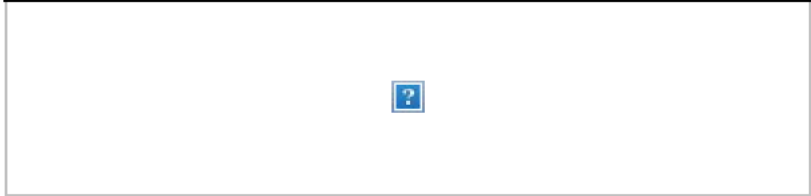
Many thanks

[REDACTED]

[REDACTED]

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