

Our Ref: EPR/AB3092CV

**Enfinium Parc Adfer Operations Ltd
Parc Adfer Energy Recovery Facility
Deeside Industrial Park
Deeside
Flintshire
CH5 2LL**

28 March 2025

Dear David

Parc Adfer EFW Carbon Capture Pilot Plant Proposal

In response to recent correspondence regarding Carbon Capture at the Parc Adfer Facility, we provide below a summary of the proposals as presented to NRW and our subsequent response.

Enfinium (the Operator) is investigating a proposal for the installation of flue gas Carbon Capture (CC) equipment at Parc Adfer (the Facility). As part of the investigations the Operator intends to run a short term trial of the technology. The proposed trial will comprise a scaled down version (pilot plant) of full scale plant and will utilise amine scrubbing technology.

The pilot plant will operate by accepting a small fraction of diverted flue gas flow from the main plant. Following analysis of key parameters all gaseous products of the pilot plant will be returned to the plant furnace and will not enter the environment without first passing through the permitted process.

The trial is anticipated to operate for between 6 and 12 months.

The Operator has supplied NRW with supporting information outlining the operation of the pilot plant, including bulk storage and condensate management arrangements, emergency and contingency provision and associated roles and responsibilities.

Based on the information provided the potential environmental risk from the operation of the pilot plant is considered to be low.

NRW agree to the trial and operation of the pilot plant as described in the supporting information and on the understanding of the following:

- NRW will be notified in writing 1 week before the trial commences.

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- The Operator must seek written approval from NRW in the event of and prior to the trial extending beyond 12 months.
- The Operator must continue to comply with the Permit during the trial.
- If the trial causes or may cause significant pollution, it must be stopped immediately and reported to NRW so that the situation can be reviewed.
- NRW reserves the right to suspend the trial in the event that pollution is caused, or likely to be caused, until such time as a revised method statement is agreed to allow the activity to resume.

Yours sincerely



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Croesewir gohebiaeth yn Gymraeg a byddwn yn ymateb yn Gymraeg, heb i hynny arwain at oedi.

Correspondence in Welsh is welcomed, and we will respond in Welsh without it leading to a delay.