

Hi Anna,

With regards to your queries for application: PAN-028357

- Please confirm if process wastewater is discharged to sewer or tankered off-site. Please provide a copy of your Trade Effluent Consent from Dŵr Cymru Welsh Water if the discharge will be to sewer.

There is likely to be a very low volume of wastewater produced using our PEM electrolyser and any wastewater will be tankered off site.

- Please confirm if there are any emission points to air, water, sewer and land from the proposed process. If so, please mark their location on the H2Bay Site Plan V0.7.pdf.

Emission Points to air for oxygen and hydrogen gas have been added to the updated plan. There will be no water, sewer or land emission points. Due to our electrical contractor coming back and expressing a preference, the overall site has moved slightly to the west closer to the building and rotated 90° since the previous plan. This is still within our overall site plan. Please view H2Bay Site Plan V1.0.pdf

- Please provide a statement on the condition of the land and groundwater underlying the proposed installation. This is important in order to set a baseline for the site underlying the proposed installation, prior to permitting. Specifically, it would be helpful to know the prior land use and pollution history, current surfacing and if this is impermeable to substances which will be used and stored. Photographic evidence of the current condition of the surfacing to demonstrate impermeability would also be useful. If no baseline can be established, NRW will proceed with your application on the assumption that there is zero contamination beneath the proposed site. This means that when you apply to surrender any future permit, we may have to consider that any contamination found was caused during the lifetime of the permit and require you to undertake remediation.

The land used is a brown field site originally built as a Ford factory in the 1950s for car axle and transmission production, the building was demolished in the early 2000s but the concrete floor remains in place. In the area we are requesting permitting, it is generally in good condition with small patches of top tarmac remaining along with replacement sections for previous pipework and metal work.

More recently has been used as a hardstanding car park for film production and we now plan to convert this and the surrounding land into hydrogen production and utilisation space.

I have attached photos of the site taken on the 14th March 2025. The land is impermeable to water.

Any more queries please do not hesitate to get in touch.

With thanks in advance
Dr Henry Apsey

















