

## The Environmental Impact Assessment (EIA) and environmental considerations



### Transport and access

The site will be accessed from an existing access off the A905 Wholeflats Road. A secondary access off Reddoch Road is also being proposed. The two would be used throughout the project's construction and operational stages.

RWE will carry out a transport assessment to look at traffic numbers during construction and operation. This will include equipment and material deliveries, as well as construction worker movements. The site is ideally located off main transport routes, so we anticipate minimal disruption to residential areas.

During construction, traffic will be managed via a Construction Transport Management Plan. Traffic into the site is expected to include abnormal loads, heavy and light goods vehicles and cars. Construction traffic would only be permitted to travel along defined haul routes pre-agreed with the local highway authority. In addition, we have undertaken an abnormal load routing study to identify the most appropriate route to bring large loads on to the site during construction.



### Electricity Grid Connection

The proposed development will potentially connect into the electricity network. The connection will be at the Scottish Power Energy Networks (SPEN) substation, to the north of the site.



### Noise

The main noise sources will be the electrolyser plant which will most likely be housed inside a building to reduce noise impact, as well as the compressor (if required) and the air cooler array.

A noise impact assessment has been undertaken to identify the potential noise impact from the proposed development. A detailed background noise survey at receptor locations agreed with Environmental Health Officers at Falkirk Council was undertaken in November 2024. A predictive noise model has since been created based on the conceptual layout and the results of the noise assessment show that there is not expected to be an adverse impact at the receptor locations.

The noise assessment will be used to inform the design layout and any noise mitigation requirements.



### Water

We continue to have discussions with Scottish Water Horizons. Water capacity and drainage design are being carefully considered and there is enough capacity within the existing water network.



Find out more

