



Application by H2 Teesside Limited for an Order Granting Development Consent for the construction of an up to 1.2-Gigawatt Thermal (GWth) Carbon Capture and Storage enabled Hydrogen Production Facility, together with associated connections, including a pipeline network to distribute hydrogen to local offtakers and temporary construction compound areas, on land in Redcar and Cleveland, Stockton-on-Tees, and Hartlepool.

The components of this proposed development are as set out in more detail below:

- Work Number ('No.')
- 1 – a Hydrogen Production Facility of up to approximately 1.2 GWth lower heating value, including two carbon capture enabled hydrogen units each of 600 megawatts thermal, including a water and effluent treatment plant; above ground hydrogen storage; administration, control room and stores; gas and power connections, above ground installations and ancillary works.
- Work No. 2 – a natural gas supply connection for the transport of natural gas to Work No. 1.
- Work No. 3 – electrical connection works for the import of electricity from the electricity transmission network to Work No. 1.
- Work No. 4 – water supply connection works to provide cooling and make-up water to Work No. 1.
- Work No. 5 – wastewater disposal works in connection with Work No. 1.
- Work No. 6 – a hydrogen distribution network (the 'Hydrogen Pipeline Corridor'), for the transport of hydrogen gas from Work No. 1, comprising underground and overground pipelines to supply hydrogen to the above ground storage and offtakers across Teesside. The hydrogen pipelines will run up to tie-in points with the relevant offtaker (likely to be, but not necessarily having to be) at the offtakers' site boundaries. Any works beyond this tie-in point will be progressed separately by the relevant offtaker.
- Work No. 7 – a high pressure carbon dioxide (CO₂) export pipeline for the export of the captured CO₂ from Work No. 1 to the adjacent Northern Endurance Partnership infrastructure (on the adjacent Net Zero Teesside Project site).
- Work No. 8 – gas connections being works for the transport of oxygen and nitrogen to Work No.1.
- Work No. 9 – temporary construction and laydown areas and contractor compounds.
- Work No. 10 – access and highways improvement works.
- Work No. 11 – replacement land relating to Work No. 6.

In addition, there will also be further development works associated with the above elements of the Proposed Development.

The Examining Authority's (ExA) Record of the Unaccompanied Site Inspection (USI) 2 that took place on 25 June 2024.

The ExA undertook the inspection by car and on foot on public roads and PRow. The routes were planned having regard to the applicant's Environmental Statement (ES) and enabled the ExA to obtain views of the application site and surrounding areas. Timings are approximate.

Viewpoint (VP) locations are as indicated on Application Document entitled 'ES – Chapter 16 (Landscape and Visual Amenity), as identified within the text and as set out in Table 16-3 (Representative Viewpoints) within that document [APP-069], with the ExA also considering the information as detailed in the ES Volume II Figures: 16-1 'Landscape Context' [APP-165]; 16-2 'Landscape Character' [APP-166]; 16-4 'Topography' [APP-168]; 16-5 'Zone of Theoretical Visibility and Representative Viewpoint Locations' [APP-169]; 16-6-1a to 16-6-15a 'Winter Viewpoint Photography' [APP-170]; 16-6-1b to 16-6-14b 'Summer Viewpoint Photography' [APP-171]; and 16-7-1a to 16-7-4c 'Photomontages' [AS-019].

Locations of designated and non-designated heritage assets were noted along the route, as detailed in the ES Volume II Figures 17-1 'Location of Designated Heritage Assets' [AS-020] and 17-2 'Location of Non-Designated Heritage Assets' [AS-021]. The Environmental Noise Survey Locations and Noise Constraints (ES Volumes II Figures 11-1 'Noise Sensitive Receptors' [APP-142]; 11-2 'Construction Noise Contours' [APP-143]; and 11-3 'Operational Noise Contours' [APP-144]) were also noted along the route.

Date	Time	VP	Weather Conditions	Location / Route
US12				
25/06/2024	09.00am	-	Dry, bright but with light cloud and haze, visibility relatively good.	Starting US1 from Fry Street (St), Middlesbrough TS1 1JH driving to Catherine St, Hartlepool TS24 0QD.
25/06/2024	09.25am	VP1	Dry, bright but with light cloud and haze, visibility relatively good.	Arrived Catherine St, Hartlepool TS24 0QD to see VP1. Leaving 09.40am heading towards Station Lane (Ln), Seaton Carew, Hartlepool TS25 1AU.
25/06/2024	9.55am	VP2	Dry, bright but with light cloud and haze, visibility relatively good.	Arrived at Station Ln, Seaton Carew, Hartlepool TS25 1AU to see VP2. Leaving VP2 at 10.10am heading to Zink Works Road (Rd), Hartlepool TS25 2BD.
25/06/2024	10.15am	VP3	Dry, bright with light cloud starting to clear. Haze lifting and visibility good.	Arrived at Zink Works Rd, Hartlepool TS25 2BD to view VP3. Leaving VP3 at 10.18am to continue along Zink Works Rd, Hartlepool TS25 2BD to view VP4.

Date	Time	VP	Weather Conditions	Location / Route
25/06/2024	10.20am	VP4	Dry, bright with light cloud starting to clear. Haze lifting and visibility good.	Arrived at eastern end of Zink Works Rd, Hartlepool TS25 2BD to view VP4. Turn vehicle around leave VP4 at 10.30am head towards RSPB Saltholme, Seaton Carew Rd, Stockton-on-Tees TS2 1TU.
25/06/2024	10.35am	VP13 and VP14	Dry, bright with light cloud but good visibility.	Arrived RSPB Saltholme, Seaton Carew Rd, Stockton-on-Tees TS2 1TU location of VP13 and VP14. Leave RSPB Saltholme 11.25am, head towards Seal Sands, Billingham Stockton-on Tees TS21 1UB.
25/06/2024	11.35am	-	Dry, bright with light cloud but good visibility.	Arrive at Seal Sands, Billingham Stockton-on Tees TS21 1UB to view Seal Sands. Turn vehicle around leaving Seal Sands 11.45am and head towards Cowpen Bewley Woodland Park, Billingham TS23 3NF.
25/06/2024	11.55am	VP6	Dry, bright with light cloud but good visibility.	Arrive Cowpen Bewley Woodland Park, Billingham TS23 3NF to view VP6. Leave Cowpen Bewley Woodland Park at 12.10pm and head towards Majuba Rd Car Park, Redcar TS10 5BJ.
25/06/2024	12.45pm	VP7	Dry, bright with light cloud but good visibility.	Arrive at Majuba Rd Car Park, Redcar TS10 5BJ to view VP7. Leave Majuba Rd Car Park at 1.20pm and head towards Coatham Marsh, Local Nature Reserve (LNR), Tod Point Rd, Redcar TS10 5BN.
25/06/2024	1.25pm	VP9	Dry, bright with light cloud but good visibility.	Arrive Coatham Marsh LNR, Tod Point Rd, Redcar TS10 5BN location of VP9. Leave Coatham Marsh LNR at 1.35pm heading towards Redcar Sea Front.
25/06/2024	1.40pm	VP8	Dry, bright with light cloud but good visibility.	Arrive Redcar Sea Front to view VP8. Leave Redcar Sea Front at 1.45pm and head towards Marske-by-the-Sea, Redcar TS11 7LB.
25/06/2024	1.50pm	VP12	Dry, bright with light cloud but good visibility.	Arrive Marske-by-the-Sea, Redcar TS11 7LB to view VP12. Leave Marske-by-the-Sea at 2.00pm and head towards Longbeck Ln, New Marske, Redcar TS11 8JU.

Date	Time	VP	Weather Conditions	Location / Route
25/06/2024	2.10pm	VP11	Dry, bright with light cloud but good visibility.	Arrive Longbeck Ln, New Marske, Redcar TS11 8JU to view VP11. Leave Longbeck Ln, New Marske at 2.15pm and head towards Fry St, Middlesbrough TS1 1JH concluding USI2 at 2.35pm.