

Date: 3 March 2023
Our Ref: 15862

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Dear Ms Leggott,

TOWN AND COUNTRY PLANNING ACT 1990 (AS AMENDED)

TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 (AS AMENDED)

APPLICATION FOR FULL PLANNING PERMISSION FOR THE CONSTRUCTION AND OPERATION OF A FULL POST COMBUSTION CARBON CAPTURE PLANT AT THE EXISTING PHILLIPS 66 LIMITED HUMBER REFINERY

I write on behalf of Phillips 66 Limited (the 'Applicant') to apply for full planning permission for the construction and operation of a Post-Combustion Carbon Capture Plant at the existing Phillips 66 Limited Humber Refinery connecting to the existing Fluid Catalytic Cracker (FCC), including carbon dioxide compression and metering, cooling equipment, stacks, substations, new and modified services, connections, internal roads, new access onto Eastfield Road, and maintenance and laydown areas, on land at the Phillips 66 Limited Humber Refinery, Eastfield Road, South Killingholme, Immingham, DN40 3DW. The application is submitted to North Lincolnshire Council ('NLC') in its capacity as local planning authority under the Town and Country Planning Act 1990 (the 'TCPA 1990') (as amended).

Humber Zero is a large-scale decarbonisation programme, being advanced in partnership by the Applicant and VPI Immingham LLP that aims to remove up to 8 million tonnes (MT) of atmospheric CO₂ emissions per annum from the Immingham industrial cluster by 2030 through the deployment of a number of technologies such as Carbon Capture, Utilisation and Storage (CCUS).

The first phase of Humber Zero could remove up to 3.8 Mt of CO₂ annually by capturing carbon from the Phillips 66 Limited Humber Refinery's FCC stack and two of the gas turbines and auxiliary boilers at the VPI Immingham CHP Plant.

The Proposed Development would connect into a CO₂ transport network which is under development by others. There are two potential networks that the Proposed Development could be connected to: the proposed Viking CCS (formerly V Net Zero) CO₂ transmission and storage network (promoted by Harbour Energy) which is anticipated to commence in the southern part of the VPI Site, or the East Coast Cluster Humber Low Carbon Pipelines Project (HLCPP) (promoted by National Grid Ventures). Both pipeline networks will run close to the Site and the decision as to which network will be connected in to initially will be made following Government funding announcements. It is likely that

access to both transportation networks would be available in the long-term development of the networks.

Two planning applications would be separately consented under the Town and Country Planning Act 1990 - one for the Phillips 66 Limited Humber Refinery (this application) and one for VPI Immingham CHP Plant. In recognition of the interrelated nature of both developments, a joint Environmental Statement ('ES') documenting the findings of the EIA for both applications has been prepared by AECOM Limited (AECOM). The ES has been prepared in accordance with the Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (the 'EIA Regulations') and based on the Scoping Opinion issued by NLC on 11 March 2022.

Documents

The application submission comprises the following documents which have been made electronically via the Planning Portal.

- Application Form and Certificates;
- Planning Statement;
- Design and Access Statement;
- Biodiversity Net Gain Report
- Biodiversity Net Gain Report to inform the HRA
- Plans and drawings (see Table 1 below);
- Consultation Report (including appendices 1 – 8)
- ES Non-Technical Summary
- ES Volume I (Main Report);
- ES Volume II (Appendices);
- ES Volume III (Figures);

And the following plans and drawings:

Parameter plans and drawings (for approval):

- Site Location Plan, Figure 1, 1:2500 at A1
- Existing Site Plan, Figure 2 Sheets 1-8, 1:400 at A1
- Site Plan Ref. 215005-00703-00-AR-DXG-00001, 1:5000 at A3.
- Parameters drawing Ref. 215005-00703-00-AR-DXG-30001, 1:1250 at A3.
- Elevations Parameters Ref. 215005-00703-00-AR-DXG-30002, 1:1000 at A3.
- Elevations Parameters Ref. 215005-00703-00-AR-DXG-30003, 1:1000 at A3.
- Permanent Access General Arrangement, Ref. 60668866-001, 1:250 at A1
- Planning Statement Prepared for Phillips 66 Ltd
- Permanent Access Visibility Splays, Ref. 60668866-002, 1:250 at A1
- Permanent Access Vehicle Tracking, Ref. 60668866-003, 1:250 at A1

- Temporary Access General Arrangement, Ref. 60668866-004, 1:250 at A1
- Temporary Access Visibility Splays, Ref. 60668866-005, 1:250/1:500 at A1
- Temporary Access Vehicle Tracking 01, Ref. 60668866-006, 1:500 at A1
- Temporary Access Vehicle Tracking 01, Ref. 60668866-007, 1:250 at A1

Other Plans and Drawings

- General Plan Ref. 215005-00703-00-AR-DXG-10001, 1:1250 at A3.
- Proposed Elevation Ref. 215005-00703-00-AR-DXG-20001, 1:1000 at A3.
- Proposed Elevation Ref. 215005-00703-00-AR-DXG-20002, 1:1000 at A3.
- Proposed Elevation and Plan View Ref. 215005-00703-00-AR-DXG-20003, 1:250 at A3
- Proposed Elevation and Plan View Ref. 215005-00703-00-AR-DXG-20004, 1:250 at A3
- Civil Layout Ref. 215005-00703-00-CI DAL 00003, 1:200
- Main incoming substation SS23 Plans Ref. 215005-00703-08-EL DAL 0001, 1:150
- CCU Substation 24 Plans Ref. 215005-00703-08-EL DAL 0009, 1:100
- Layout Drawing H08 IEH Layout Ref. 215005-00703-08-IC DAL 00039, 1:25

The application is accompanied by the necessary fee of £37,657.20 payable to NLC. The scope and content of the above have been determined with reference to NLC's validation checklist and pre-application advice received.

I trust that everything has been submitted to allow you to validate the application and look forward to receiving confirmation of this in due course.

Yours sincerely,



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Partner

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