



APPLICATION FOR A MARINE LICENCE FOR MARINE WORKS

Marine Works include, but are not limited to, coast defences, beneficial uses of dredged materials, subsea cables, pontoons, jetties, land reclamation, grab samples and outfall pipes under the Marine and Coastal Access Act 2009

Please read the notes carefully before completing the form.

- The Marine Licensing Team (MLT) administers Part 4 of the Marine and Coastal Access Act 2009 on behalf of the Licensing Authority, the Welsh Ministers.
- The completed application form must be accompanied by a location plan and, where appropriate, descriptive drawing(s) and any supporting environmental assessments. One completed hard copy of the application and supporting documents will always be required. Additional copies are required for consultation purposes.
 - For application and supporting documents less than 10MB we can accept an additional copy via email.
 - For applications larger than 10MB **16** additional copies in CD/DVD format will be required
 - When applications and supporting documents are hard copy only **16** copies will be required.
- Please submit applications to the **Permit Receipt Centre** via the details at the top of this form
- Please submit marine licence applications, including this form and all supporting documents, **at least 4 months before the licence is required.**

Some projects may raise matters that require a significantly longer time for consideration. These are most likely to be:

- Projects that fall **within** The Marine Works (Environmental Impact Assessment) Regulations 2007 – as amended requiring an Environmental Statement
- Large scale projects with substantial volumes of material being deposited or excavated
- Works requiring an Appropriate Assessment to be conducted under The Conservation of Habitats and Species Regulations 2017.
- Information should be provided about the anticipated **duration of the entire project** in respect of works below/seaward of Mean High Water Spring (MHWS). Where appropriate, planned phasing of the work for which consent is sought must be detailed. For projects lasting more than one calendar year, planned phasing details must be given for each 12 month period.

A licence fee is payable in respect of an application. Details of fees can be found on our web pages.

Please note applications will not be processed without the correct relevant fee or invoicing details.

- Payments can be made via Cheque, BACS or credit/debit card.
 - Cheques should be crossed and made payable to **Natural Resources Wales.**
 - For BACS payments ensure you provide the reference number (not remittance number)

- For credit/debit card payments please complete the CC1 form and submit with the application. The CC1 form can be found on our web pages

Further information on payment methods can be found on our web pages

- **All activities need to comply with the Water Framework Directive (WFD). The framework and guidance can be found on the Natural Resources Wales website, <http://naturalresources.wales>. The results of your WFD assessment must be attached to your marine licence application.**
- Please answer all questions. If any information is not available at the time of application please indicate in the relevant section, giving reasoning in a covering letter. Outstanding details must be submitted as soon as possible. Any delay in forwarding details is likely to result in delays in determining your application.

Your application may not be considered complete and therefore not processed until key information has been submitted. Your application may be returned if you fail to submit outstanding information within given timescales.

- Please note any licence may have conditions that must be discharged before works can commence. This will take additional time.
- If you have any queries with regards to completing this application please contact the MLT: marinelicensing@naturalresourceswales.gov.uk

How your application will be processed by the MLT:

- Submit all application to the **Permit Receipt Centre** via the details at the top of this form.
- Checked and acknowledged by the MLT within 21 days of receipt of application and payment
- If the application is complete and no further information is needed at this time, your application will be placed in a work queue to be assigned a permitting officer
- If the application is not complete, further information will be request and need to be provided before the application can be considered as complete
- Our **4 months** service level for determining non-EIA applications will begin from the date the **completed** application is received (*Please note some projects may take significantly longer than 4 months to determine due to their nature*)
- EIA projects may take significantly longer due to their scale and complexity. Therefore we encourage early engagement with the MLT
- Your application and supporting documents will be sent to for an initial consultation period of 28 days (*42 days for EIA projects*)
- For the majority of projects, a public notice must be advertised. Public consultation will be 28 days (*49 days for EIA projects*).
For EIA projects a second public notice will be required. The MLT will advise on how this should be done.
- Responses to consultation will be considered and additional information requested at this time, if necessary.

- A decision on your Marine Licence Application will be made

All information submitted may be referred to within a licence, therefore all works must be in accordance with this information, unless otherwise agreed with NRW acting on behalf of the Licensing Authority during the determination process.

It is the responsibility of the applicant to obtain any other consents/authorisations that may be required.

Application Form Structure

1. Project Description and Cost
2. Applicant Details
3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works
4. Environmental Impact Assessment (EIA)
5. Licensable Period
6. Project Description
7. Methods Statement
8. Materials of Project
9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding
10. Temporary Works
11. Dredge and Disposal of Dredge Material
12. Protected Sites
13. Other Consents
14. Statutory Powers
15. Public Register
16. Application Fee
17. Declaration

Check List

Please ensure that you have included all the necessary information before you submit your application. **If any of the below are not completed in the application form, the application is likely to be considered incomplete and may be returned to you**

Item	Yes (✓)
The applicant is a legal entity?	✓
The declaration is signed by the applicant?	✓
Is the application fee correct?	✓
Are the grid references/coordinates correct?	✓
Do the coordinates match map locations?	✓
Have all the relevant supporting documents been submitted?	✓
Has a clear methodology been provided in the application form?	✓
Has Protected sites information been included?	✓
Has a Water Framework Directive (WFD) assessment been submitted?	✓
Are all the continuation sheets for application questions appended with correct corresponding numbers?	✓

Should you have any queries regarding your application please contact the MLT via marinelicensing@naturalresourceswales.gov.uk

1. Project Description and Cost

1 (a). Project Name

HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee

1(b). Please provide a brief description of the proposed project, including location

The Marine Licence application is for the trenchless crossing of the River Dee, below mean high water springs (MHWS), for a new pipeline to transport carbon dioxide. This crossing is part of the much larger HyNet newbuild carbon dioxide pipeline that is the subject of a DCO application currently under Examination by the Planning Inspectorate (PINS). The marine licensable activities relate to the approximately 75 m in length bored section of pipe that will be installed using a trenchless crossing technique, either Horizontal Directional Drilling (HDD) or micro-tunnelling, to a minimum depth of 8 m below the riverbed of the River Dee between the MHWS mark on each bank. The location of the works is shown as a red polygon in **Attachment 1(b)** on Work Plans (Rev D) Sheet 14 of 37. The bored section of pipe will be located within the red polygon defined by the following co-ordinates:

Northwest corner = 334781.1606, 3671712.8339

Southwest corner = 334735.3644, 367097.0604

Northeast corner = 334911.7459, 367091.9308

Southeast corner = 334865.5703, 367018.5206

1(c). Please provide an estimated gross cost of the project (Inc. materials and labour) for works that fall below/seaward of Mean High Water Springs (MHWS)

Approximately £2 million for the trenchless crossing of the River Dee

2. Applicant Details

To whom the licence will be issued. *This must be a legal entity such as an individual, registered company/ charity or public body.*

Title	Mr	Full Name	Martin Currie
Company or Trading Name	Liverpool Bay CCS Limited		
Company Registration Number (if applicable)	131 940 18		
Name of Contact or individual (if different)			
Position in Company			
Address inc. postcode (provide registered Company address if applicable)	Eni House 10 Ebury Bridge Road London SW1W 8PZ		
Telephone Number	02073446000		
Email Address	natalie.corless@wsp.com		

3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works

3(a). Agent Details

This is who we will correspond with unless otherwise informed. If no agent we will contact the applicant.

Title	Ms	Full Name	Natalie Corless
Company or Trading Name	WSP		
Company Registration Number (if applicable)			
Name of Contact or individual (if different)			
Position in Company			
Address (Inc. postcode)	70 Chancery Lane, London, WC2A 1AF		
Telephone Number	01618 862 497		
Email Address	natalie.corless@wsp.com		

3(b). Does the Applicant wish to be included in all correspondence? Yes ☒ No ☐

3(c). Contractor Details

In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Contractor Company or Trading Name	Address
The Construction Contractor tender evaluation process is still in progress, and a Construction Contractor for the River Dee crossing works has not yet been selected.	The name and contact details of the Construction Contractor for the River Dee crossing works will be shared with NRW-MLT at least three months prior to works commencing.

3(d). Will the works require the use of vessels?

Yes ☐ No ☒

3(d) (i). Vessel Details (if applicable and available)

In order for contractors to benefit from the licence permission, details must be provided.

Any details not provided with application must be confirmed before operations commence.

Operator	Name of Vessel	Type of Vessel	Vessel Registration Number	Country of Registration
N/A	N/A	N/A	N/A	N/A

3(e). Will the works require the use of vehicle?

Yes ☒

No ☐

3(e) (i). Vehicle Details (if applicable and available) to be used below MHWS

In order for contractors to benefit from the licence permission, details must be provided.

Any details not provided with application must be confirmed before operations commence.

Operator	Type/Description of Vehicle
The Construction Contractor(s) that will be utilised by HyNet Carbon Dioxide Pipeline DCO Project will be agreed and confirmed prior to any installation, operation and maintenance, or decommissioning works for which they will be required. The name, contact, and vehicle details of the Construction Contractor for the River Dee crossing works will be shared with NRW-MLT at least three months prior to works commencing.	Detailed method statements, including the plant and equipment to be used for the River Dee crossing works will be provided to NRW-MLT for agreement at least three months prior to commencement of any works.

3(f). If the contractor or vessels or vehicles are not known at the application stage, when do you expect to provide these details?

These details will need to be confirmed prior to the licence and operations commencement

The Construction Contractor(s) that will be utilised by HyNet Carbon Dioxide Pipeline DCO Project will be agreed and confirmed prior to any installation, operation and maintenance, or decommissioning works for which they will be required. The name and contact details of the Construction Contractor for the River Dee crossing works will be shared with NRW-MLT at least three months prior to works commencing.
Detailed method statements, including the plant and equipment to be used for the River Dee crossing works will be provided to NRW-MLT for agreement at least three months prior to commencement of any works.

4. Environmental Impact Assessment (EIA)

Certain projects, due to their scale, location and/or nature, may require an EIA under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended). If a project qualifies under EIA, an Environmental Statement (ES) must be prepared and submitted with the application.

Projects that fall within Annex I of the Directive automatically require an EIA. Projects that

fall within Annex II of the Directive are assessed on a case-by-case basis for the requirement for an EIA to be undertaken.

4(a). Do you consider the works to be under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended)? Yes ☒ No ☐

4(a) (i) If Yes, which Annex does the proposal fall under? Annex I ☐ Annex II ☒

4(a) (ii) Which number(s) within the Annex does the proposal relate to?

The proposed river works are part of the wider HyNet CCS Project and are included within the ES submitted with the HyNet Carbon Dioxide Pipeline DCO Application. The works are also described and assessed within the accompanying **Environment Report**.

The HyNet Carbon Dioxide Pipeline DCO Project falls under Directive 2011/92/EU (as amended) Annex II, 10. INFRASTRUCTURE PROJECTS, Point (i) "*Oil and gas pipeline installations and pipelines for the transport of CO2 streams for the purposes of geological storage (projects not included in Annex I).*"

Additionally, the proposed works fall under Schedule A1 para number 23 of The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended) :

"23. *Pipelines with a diameter of more than 800 millimetres and a length of more than 40 kilometres for the transport of:*

(a) gas, oil or chemicals;

(b) carbon dioxide streams for the purposes of geological storage, including associated booster stations."

4(b). Have you applied for a screening or scoping opinion from the MLT under the Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)? Yes ☐ No ☒

4(b) (i). If Yes, please provide the reference number

4(c). Has an Environmental Impact Assessment been undertaken? Yes ☒ No ☐

4(c)(i). If Yes, has an Environmental Statement been submitted to support this Marine Licence application? Yes ☐ No ☒

4(d). If an Environmental Impact Assessment has been undertaken, but an ES has not been submitted, please provide an explanation

An **Environment Report** has been prepared in support of this Marine Licence application by Liverpool Bay CCS Limited (the 'Applicant'), for the trenchless crossing of the River Dee (the Proposed Development), by the newbuild carbon dioxide pipeline, below Mean High Water Springs (MHWS). These works are also included in the Environmental Statement (ES) for the HyNet Carbon Dioxide Pipeline Development Consent Order (DCO) Application, as they form part of that larger project.

The Marine Licence will be required for the marine licensable activities associated with the Proposed Development. These licensable activities relate only to those elements that will be carried out and installed below Mean High Water Springs (MHWS). For the Proposed Development, this would be the approximately 75 m in length bored section of pipe installed below the River Dee between the MHWS mark on each bank. However, for completeness, and context, the works required for the entry and exit pits, and the whole length of the pipe connection between them, have been described in the **Environment Report** at **Section 2**. This is because the anticipated environmental effects of the Proposed Development on the River Dee are intrinsically linked to these connected activities.

Under Reg 10(1)(b) of the Marine Works Regulations, Natural Resources Wales-Marine Licencing Team (NRW-MLT) informed the Applicant that it has determined (Ref: PA2301, 21-Feb-2023) that an EIA is not required for the purposes of determining this Marine Licence application. This is because it is satisfied that an assessment of any effects on the environment of the Proposed Development is being carried out by another consenting authority, the Planning Inspectorate (PINS), and the assessment will be sufficient to meet the requirements of the EIA Directive in relation to that Proposed Development.

NRW-MLT has therefore confirmed (Ref: PA2301, 21-Feb-2023) its intent to defer an EIA consent decision under the Marine Works Regulations, in accordance with Regulation 10(1)(b), on the basis that an assessment of any effects on the environment of the Proposed Development, subject to this Marine Licence application, is being carried out by the Secretary of State as part of the determination process for a DCO under the Planning Act and that this will be sufficient to meet the requirements of the EIA Directive. The PINS reference for the DCO under consideration for the proposed HyNet Carbon Dioxide Pipeline DCO is EN070007, and the application documentation can be found at the following location: <https://infrastructure.planninginspectorate.gov.uk/projects/wales/hynet-carbon-dioxide-pipeline/?ipcsection=docs>

NRW has also informed the Applicant that under Regulations 10 (1)(b) and 10 (4)(a) of the Marine Works Regulations (as amended) NRW cannot determine this marine licence application until it is satisfied that to do so would be sufficient to meet the requirements of the EIA Directive and be compatible with the measures identified by the Secretary of State to ensure compliance with the EIA Directive. Therefore, in these circumstances, the Applicant understands that the marine licence for the Proposed Development can only be legally granted after the completion of the consideration of the EIA and associated decision made by the Secretary of State.

Given the trenchless crossing of the River Dee forms part of a larger project, included in the HyNet Carbon Dioxide Pipeline DCO Application, the ES submitted in support of the HyNet Carbon Dioxide Pipeline DCO Application covers all environmental topics, as they relate to the whole project, including the trenchless crossing of the River Dee.

In support of this Marine Licence application, the Applicant has therefore prepared an **Environment Report** that draws together the environmental information relevant to the Marine Licensable activities for the trenchless crossing of the River Dee below MHWS.

Together with the accompanying **Habitats Regulations Assessment - Information to Inform an Appropriate Assessment (HRA)**, **Water Framework Directive Assessment (WFDa)**, **Register of Environmental Actions and Commitments (REAC) - Rev G**, and **Outline Construction Environmental Management Plan (OCEMP) - Rev G**, the **Environment Report** provides the relevant environmental information to aid NRW's decision making on the Marine Licence application for the marine licensable activities associated with the Proposed Development.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

5. Licensable Period

Determination of applications will be based on the works taking place during these dates. Please ensure you have included an adequate contingency period. If works are not completed by the Requested Licence Expiry Date you may be required to submit a new application. *Including a contingency period within your original application does not impact on Licence Fee*

Start Date June 2024

Requested Licence Expiry Date December 2049

Please ensure you submit your application for a Marine Licence at least 4 months prior to the intended start date. Some projects, such as EIA projects, will take significantly longer to determine.

6. Project Description

6(a). Please give a description of the proposed project.

This should include the purpose of the project, estimated timescales of construction and operation, and broken down by the phases of works, if applicable.

Details should include, but not be limited to, dimensions of project, quantity of material being deposited and removed.

The pipeline crossing of the River Dee will be carried out using a trenchless crossing technique, either micro-tunnelling or Horizontal Directional Drilling (HDD). The trenchless crossing of the River Dee has been proposed to prevent disruption to the River Dee (Afon Dyfrdwy). For both trenchless techniques the following parameters would apply:

- All entry and exit pits for all trenchless crossings will be sited a minimum of 8m away from any main riverbank top (and any defence structure on that watercourse), and 16m away from any transitional (tidal) waters (and any defence structures on that watercourse).
- The compounds for the entrance and exit pits for micro-tunnelling would be approximately 30x30m and 20x20m.
- The compounds for the entrance and exit pits for HDD would be approximately 50x50m and 30x30m.
- The trenchless crossing depth below riverbed for HDD would be a minimum of 15m for HDD and a minimum of 8m for micro-tunnelling.
- Up to four weeks construction working for micro-tunnelling, and for HDD.

A summary and illustrations of the micro-tunnelling and HDD techniques is provided in **Section 2** of the **Environment Report**. Detailed method statements, including the plant and equipment to be used for the River Dee crossing works will be provided to NRW-MLT for agreement at least three months prior to commencement of any works.

The location of the works is shown as a red polygon in **Attachment 1(b)** on Work Plans (Rev D) Sheet 14 of 37. All of the marine licensable work would be carried out within this approximately 150m wide corridor which extends for an approximate 75m width of the River Dee between the MHWS mark on north and south banks. The bored tunnel for the trenchless crossing would take an easement of approximately 30m in width within the identified area.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

6(b). Please detail the location of the proposed construction project.

This should be either Ordnance Survey National Grid Reference (i.e. AB 12345 67890) or Latitude and Longitude in decimal degrees to 4 decimal places (i.e. Lat 52.1234 Long - 4.1234), defining the extent of the project. **Please specify which coordinate system has been used.**

The location of the works is shown as a red polygon in **Attachment 1(b)** on Work Plans (Rev D) Sheet 14 of 37. The construction compounds for the HDD or the Micro-tunnelling trenchless crossing methods to the north and south of the River Dee are identified as green polygons and labelled as Trenchless Crossing TRS-28 River Dee (Afon Dyfrdwy) on Figure 3.2-DCO Proposed Development Sheet 4 of 7 included as **Attachment 6(b)**.

The coordinates, in Latitude and Longitude, for the area under the River Dee below MHWS within which the proposed bored section of pipeline will be constructed are as follows:

- Northwest corner = 334781.1606, 3671712.8339
- Southwest corner = 334735.3644, 367097.0604
- Northeast corner = 334911.7459, 367091.9308
- Southeast corner = 334865.5703, 367018.5206

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

6(c). The following must be provided with the completed application form:

- a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project, complete with **North Arrow** and **Scale**
- construction plans and sectional drawings showing those proposed works below/seaward of MHWS, which should give details of the materials to be used (for beach replenishment the quantity, particle size and source of material to be deposited and deposit location is also required).
- a descriptive schematic drawing and suitably scaled location plan which show the full extent of the project clearly in relation to the surrounding area and features.

Please list below **all supporting documents** that have been submitted with this application, including suitable documents/maps/drawing titles and reference numbers

A suitably scaled extract of an Ordnance Survey Map with location of project, complete with North Arrow and Scale, has been included on the following attached plans:

- The location of the works is shown as a red polygon in **Attachment 1(b)** on Work Plans (Rev D) Sheet 14 of 37.
- The construction compounds for the HDD or the Micro-tunnelling trenchless crossing methods to the north and south of the River Dee are identified as green polygons and labelled as Trenchless Crossing TRS-28 River Dee (Afon Dyfrdwy) on Figure 3.2-DCO Proposed Development Sheet 4 of 7 included as **Attachment 6(b)**.

The following reports have been included in support of this Marine Licence Application:

- **Environment Report.** HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee.
- **Habitats Regulations Assessment** – Information of Inform an Appropriate Assessment. HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee.
- **Water Framework Directive Assessment** – Information of Inform an Appropriate Assessment. HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee.
- **Register of Environmental Actions and Commitments (REAC) - Rev G**
- **Outline Construction Environmental Management Plan (OCEMP) - Rev G**

The applicant should note that these drawings/plans may be copied to others as part of the MLT's consultation procedures. If they are subject to copyright, it is the **responsibility of the applicant to obtain the necessary approvals to reproduce the documents and to submit up to 16 copies with the application.**

7. Methods Statement

7(a). Please provide a detailed method statement for the works

This must include methods for all works including temporary structures or deposits such as jetties, cofferdams, moorings or landing stages to be constructed seaward of MHWS

The Construction Contractor for the works has not yet been selected, and a decision on the trenchless crossing technique has yet to be made. However, detailed method statements, including the plant and equipment to be used for the River Dee crossing works will be prepared by the Construction Contractor and provided to NRW-MLT for agreement at least three months prior to commencement of any works.

Notwithstanding, an overview of the potential construction methodologies for River Dee crossing is given below and in the supporting **Environment Report at Section 2.**

The pipeline crossing of the River Dee will be carried out using a trenchless crossing technique, either micro-tunnelling or Horizontal Directional Drilling (HDD). For both techniques the following parameters would apply:

- All entry and exit pits for all trenchless crossings will be sited a minimum of 8 m away from any main riverbank top (and any defence structure on that watercourse), and 16 m away from any transitional (tidal) waters (and any defence structures on that watercourse).
- The compounds for the entrance and exit pits for micro-tunnelling would be approximately 30x30m and 20x20m.
- The compounds for the entrance and exit pits for HDD would be approximately 50x50m and 30x30m.
- The trenchless crossing depth below riverbed for HDD would be a minimum of 15m for HDD and a minimum of 8m for micro-tunnelling.
- Up to four weeks working for micro-tunnelling, and for HDD.

A summary and illustrations of the micro-tunnelling and HDD techniques is provided in **Environment Report at Section 2.**

7(b). Do you intend to undertake activities that could generate underwater noise?

This include piling, use of explosives, geophysical, acoustic deterrent devices and multibeam echosounders.

Yes ☐ No ☒

7(b) (i). If Yes, what type(s) of activities will be undertaken?

Activities from the trenchless crossing of the River Dee would generate negligible underwater noise. The supporting **Environment Report** and **HRA** concluded that:

"5.3.7. The specialist trenching crossing would avoid works within the River Dee watercourse and would be undertaken at the minimum trenchless crossing depths detailed in paragraph 2.1.2. Geotechnical investigations either side of the River Dee identified the presence of tidal flat deposits consisting of sand and clay between 0 and 18 metres below ground level (mbgl). These deposits were underlain by glacial till deposits consisting of stiff clay to at least a depth of 30 mbgl. With the minimum trenchless crossing depths, the intensity of vibration at the riverbed would be negligible and therefore not incur disturbance to fish. As such, no likely significant effects are predicted in relation to vibration disturbance impacts to fish species."

7(b) (ii). If Yes, approximately how many days will the activity be undertaken for?

This question is not applicable for the trenchless crossing of the River Dee

If Yes, you will be required to complete an additional form that will be provided.

7(c). Please state the measures to be taken to:

(i) Minimise risk to the marine environment

The primary measure being taken to minimise the risk to the marine environment is to install the pipeline via a trenchless crossing technique. See response to Question 7(a) and the supporting **Environment Report** at **Section 2**.

(ii) Prevent undue interference to others

No works are being carried out within the river that would be an undue interference to others during the trenchless crossing of the River Dee.

(iii) Maintain navigational safety, including marking and lighting of works

No works are being carried out within the river, and no structures will be placed within the river, that would be an undue interference to others during the trenchless crossing of the River Dee.

It should be noted that lighting will be used at the exit/entrance pits, located at least 16 m away from any transitional (tidal) waters (and any defence structures on that watercourse), and this lighting is not anticipated to impact navigational safety.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

8. Materials of Project

8(a). Description of materials to be deposited seaward of MHWS (Please tick all that apply)

Timber	☐	Iron/Steel	☐	Concrete	☐	Biocides/other chemicals	☐
Silt	☐	Stone/Rock	☐	Gravel	☐	Plastic/Synthetics	☐
Sand	☐	Other	☐				

If other, please provide a description of materials.

There will be no materials deposited below MHWS during the trenchless crossing of the River Dee. All the materials required for the trenchless crossing of the River Dee will be located

8(b). Delivery method of materials to site

If sea delivery, please include details of vessels to be used with a chart of proposed route and transshipment area. If vehicle delivery, please provide the proposed access route.

No materials will be delivered to site by sea.
Materials will be delivered by road accessing the construction compounds to the north of the River Dee identified as Works Numbers 30c, 30d, and 30e shown on the attached DCO Work Plans (Sheet 13 of 37) as **Attachment 1(b)**.
Materials will be delivered by road accessing the construction compounds to the south of the River Dee identified as Works Numbers 31a, 31b, and 31c shown on the attached DCO Work Plans (Sheet 14 of 37) as **Attachment 1(b)**.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

8(c). Will the works involve removals seaward of MHWS?

Yes ☐ No ☒

8(c) (i). Description of materials to be removed seaward of MHWS (Please tick all that apply)

Timber	☐	Iron/Steel	☐	Concrete	☐	Biocides/other chemicals	☐
Silt	☐	Stone/Rock	☐	Gravel	☐	Plastic/Synthetics	☐
Sand	☐	Other	☐				

8(c) (ii). Description of objects/materials to be removed seaward of MHWS

Including quantities to be removed.

There will be no materials removed seaward of MHWS for the trenchless crossing of the River Dee

9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding

This section is not applicable for the trenchless crossing of the River Dee

For works involving any of the above, please provide the following information

9(a). Is the material to be deposited like for like to existing material? Yes ☐ No ☐

9(a)(i) If No for Beach Replenishment please provide justification why?

There will be no beach replenishment required for the trenchless crossing of the River Dee

9(b). Description of material to be deposited

Please provide the grading specification of materials to be used, if using a range of grain sizes please state the percentage by weight passing. *If unsure, please refer to the Wentworth Scale*

There will be no beach replenishment required for the trenchless crossing of the River Dee

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

9(c). Source of the material to be deposited

Including dredged or land based stating the origin of material

There will be no beach replenishment required for the trenchless crossing of the River Dee

9(d). Has the material been chemically analysed?

Yes ☐ No ☐

If material has been analysed, we may request this information to determine the application

This question is not applicable for the trenchless crossing of the River Dee

9(d) (i) If Yes, is the analysis data been included with the application? Yes ☐ No ☐

10. Temporary Works

10(a). Will there be any temporary deposits below MHWS? Yes ☐ No ☒

This includes construction materials, removed objects/material, jetties or cofferdams

If **Yes**, please continue with section **10**

10(b). Please provide the location of temporary deposits

Please include a map/chart displaying the location of temporary deposits, if necessary.

There will be no temporary deposits below MHWS for the trenchless crossing of the River Dee

10(c). Description of temporary deposits

There will be no temporary deposits below MHWS for the trenchless crossing of the River Dee

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

11. Dredge and Disposal of Dredge Material

If you are undertaking Dredge and Disposal activities please also complete the Dredge and Disposal application form and submit together.

11(a). Do you intend to apply for a marine licence to dispose of dredged material to sea as part of the works in this application? Yes ☐ No ☒

12. Protected Sites

Licensing Authorities have a duty to ensure that projects will **not have significant adverse environmental impact**, particularly on any designated **European Site of Conservation Importance - Special Areas of Conservation (SAC) and Special Protection Areas (SPA)**, listed under the **Habitats Directive (Council Directive 92/42/EEC on the conservation of natural habitats and of wild fauna and flora)**. In addition, it is Government Policy that Wetlands of International Importance (Ramsar sites) are also considered as European Sites. There is a duty to take reasonable steps to further the conservation and enhancement of nationally designated sites (Sites of Special Scientific Interest (SSSIs).

12(a). Have you had pre-application correspondence with NRW, its legacy bodies or Natural England? Yes ☒ No ☐

12(a)(i). If Yes, please provide copies of correspondence with application and state which team(s) you have contacted?

The project team has been engaged in email correspondence with the NRW-MLT since providing notification that the HyNet Carbon Dioxide Pipeline DCO application had been accepted by the Planning Inspectorate and was being taken forward for examination. Subsequent correspondence from NRW-MLT confirmed that our pre application number is PA2212, and that Dr Maria Alvarez had been assigned as Case Officer.

On 21 February 2023, NRW sent a letter to the applicant NRW confirming its intent to defer an EIA consent decision under the Marine Works Regulations, in accordance with Regulation 10(1)(b)

The correspondence is included as **Attachment 12(a)**.

12(b). Are any part of the works located *within or likely to affect* a designated conservation site? (SAC, SPA, SSSI or Ramsar) Yes ☒ No ☐

12(b)(i). If Yes, which designated site(s) may be affected?

The works will be carried out under the River Dee and Bala Lake /Afon Dyfrdwy A Llyn Tegid Special Area of Conservation (SAC).

While the Dee Estuary SPA and Ramsar, and Mersey Estuary SPA and Ramsar do not extend to the River Dee trenchless crossing location, qualifying birds associated with these designated sites may be using the river and mudflat habitat at the crossing location. The impacts on these birds and the proposed mitigation have been considered within the **HRA** and **Environment Report** supporting this application.

12(c). Please provide a description of all mitigation measures proposed to avoid any impact on designated conservation sites.

A description of the mitigation measures proposed to avoid any impact on designated conservation sites is provided within the following documents included in support of this application:

- **Environment Report.** HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee.
- **Habitats Regulations Assessment** – Information of Inform an Appropriate Assessment. HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee.
- **Water Framework Directive Assessment** – Information of Inform an Appropriate Assessment. HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee.
- **Register of Environmental Actions and Commitments (REAC) - Rev G**
- **Outline Construction Environmental Management Plan (OCEMP) - Rev G**

Please continue on a separate sheet if necessary. Please tick if you have done this ☒

12(d). If the works are not located *within* or *likely to affect* a designated conservation site, please indicated the approximate distance to the nearest designated conservation site.

The works will be carried out under the River Dee and Bala Lake /Afon Dyfrdwy A Llyn Tegid Special Area of Conservation (SAC).

While the Dee Estuary SPA and Ramsar, and Mersey Estuary SPA and Ramsar do not extend to the River Dee trenchless crossing location, qualifying birds associated with these designated sites may be using the river and mudflat habitat at the crossing location. The impacts on these birds have been considered within the **HRA** and **Environment Report** supporting this application.

Please note that if the proposed works are in or within 2km of a European Site of Conservation Importance you will have to provide suitable mitigation measure to avoid any impact on designated conservation sites.

Other Consents

Please detail all consents that you have applied for or received for these works

Type of Consent	Applied for	To be applied for	Reference Number	Date of Issue and Expiry
Planning Permission under Town and County Planning Act 1990 – From Local Planning Authority (LPA)	N/A	N/A	N/A	N/A
Name and Address of LPA for location of works	N/A			
Land Owners Consent such as The Crown Estate Consent	N/A	N/A	N/A	N/A
Port Authority or Local Harbour permissions	N/A	N/A	N/A	N/A
Other NRW consents <i>such as Flood Defence or SSSI assent</i>	N/A	N/A	N/A	N/A
Details of NRW consent	N/A			
Other consents <i>such as Transport and Works Act Order, Section 36 Electricity Act, grant/loan sanction</i>	✓	N/A	EN070007	N/A
Details of other consents	Application for a Development Consent Order under the Planning Act 2008, in accordance with The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulations 5(2)(a). Applicant: Liverpool Bay CCS Limited Planning Inspectorate Reference: EN070007			

13. Statutory Powers

14(a). Does the applicant have statutory powers to consent any aspect of the project?
E.g. coast protection authority, dredging powers, statutory undertakers Yes ☐ No ☒

14(a)(i).If Yes, please give details and state the relevant legislation that gives these powers

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Under The Marine Licensing (Register of Licensing Information)(Wales) Regulations 2011 and the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended) , all information contained within or provided in support of this application will be placed on the Public Register unless NRW approve of the applicant's reasons for withholding all or part.

15. Is there any information contained within or provided in support of this application that you consider should NOT be included on the Public Register on the grounds that its disclosure:

15(a). Would be contrary to the interest of National Security? Yes ☐ No ☒

15(b). Would prejudice to an unreasonable degree you, or some other person's commercial interest of those of a third party? Yes ☐ No ☒

If **Yes** to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld

--

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

15. Application Fee

16(a). What are the corresponding fee band for this application? Band 2 ☐ Band 3 ☒

16(b) Band 2 Only

Projects are charged at a fixed fee of £1920. The application will not be processed until the correct fee has been provided.

Please provide the method of payment

Method	Yes (✓)	Reference Number
Cheque		
BACS (not remittance no.)		
World Pay (phone or CC1)		

Please attach **CC1 Form** with application. Can be found on our web pages

16(c) Band 3 Application only

Band 3 applications are charged at on hourly rate of £120 and are invoiced in arrears. Please complete the details below which will be required for invoicing.

Customer Name	Liverpool Bay CCS Limited
FAO	Mr Martin Currie
Purchase order number	Not required. Please reference LBA CCS Limited
Address for invoice	Eni House 10 Ebury Bridge Road London SW1W 8PZ
Telephone Number	02073446000
Email Address	natalie.corless@wsp.com

16. Declaration

I declare that to the best of my knowledge and belief that the information given in this application form and supporting documentation is true.

WARNING: It is an offence under the Marine and Coastal Access Act 2009, under which this application is made, to fail to disclose information or to provide false or misleading information and can invalidate any licence granted.

Signature M. Currie Date 01.09.2023
M. Currie (Sep 1, 2023 16:22 GMT+1)

Name (in capitals) MR MARTIN CURRIE

Position in Company Director, Liverpool Bay CCS Limited

*Applications cannot be processed unless signed by the **Applicant** (not agent), the applicant must have appropriate level of authority within the company.*

Applications will not be processed unless signed

PA2212 - HyNet Carbon Dioxide Pipeline DCO-Marine Licence Application

Final Audit Report

2023-09-01

Created:	2023-09-01
By:	Carol O'Keefe (Carol.O'Keefe@eni.com)
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Transaction ID:	CBJCHBCAABAAuBC6eigodpwyA2E96DyZgJjKJRTxv7FS

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