

2. Site Details

A general description of site location supported by a plan specifying the construction area and the extent of the drainage system should be submitted. Plans shall be at a scale of 1:2500. All plans should show the direction of North.

|                              |                  |
|------------------------------|------------------|
| Name of proposed development | Y Bryn Wind Farm |
|------------------------------|------------------|

|                           |                            |        |
|---------------------------|----------------------------|--------|
| Grid Reference (E/N)      | 281847                     | 190958 |
| Suffix (unit/name/number) |                            |        |
| Address line 1            | n/a                        |        |
| Address line 2            |                            |        |
| Address line 3            |                            |        |
| Town                      |                            |        |
| County                    | Neath Port Talbot/Bridgend |        |
| Postcode                  | n/a                        |        |

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|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description of proposed development                                                              | <p>The application is for a wind farm comprising:</p> <ul style="list-style-type: none"><li>Up to 21 turbines which will include:<ul style="list-style-type: none"><li>Turbine foundations;</li><li>External transformer housing;</li><li>Crane pads and hardstand areas;</li><li>Micrositing allowance of turbines and associated infrastructure of up to 50 m;</li></ul></li><li>Substation, control building and compound;</li><li>Battery/energy storage infrastructure;</li><li>Construction of approximately 11,487 m of new access tracks;</li><li>Upgrading of approximately of 12,829 m of existing tracks;</li><li>Alterations to the public road network;</li><li>New slip road exiting the M4 for Abnormal Indivisible Loads (AIL);</li><li>Underground electricity cables;</li><li>Two permanent wind monitoring equipment locations, expected to comprise of anemometry masts or LIDAR;</li><li>8 temporary borrow pits (local temporary sources of construction aggregate which are solely for the purpose of the wind farm construction);</li><li>Temporary concrete batching plant(s);</li><li>Temporary construction and storage compounds, laydown areas and ancillary infrastructure</li><li>Proposed lifespan of 50 years</li></ul> |
| Total application site area (Ha)                                                                 | <p>The application boundary is 2302 ha.</p> <p>The total permanent land take of the proposed development, after completion of reinstatement measures including foundations; crane pads; site tracks; has been assessed to be approximately 27.5 ha excluding batter slopes</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Is the site currently developed i.e. Brownfield, or is it currently undeveloped i.e. Greenfield? | Generally undeveloped but does contain a network of existing artificial drainage associated with current and predominating land use (commercial forestry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Existing land use                                                                                | Commercial forestry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Proposed land use                                                                                | Wind Farm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

3. Application

|                                                                                                                                                           |                                         |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|
| Has any prior advice been sought from the SuDS Approval Body (SAB) about this application?                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| If Yes, please complete the following information about the advice you were given. This will help the SAB to deal with this application more efficiently. |                                         |                             |

|                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                        |           |             |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------|-----------|-------------|
| <b>Officer Name</b>                                                                                                                 | Steve Jenkins and Justin Griffiths from Neath Port Talbot County Borough Council (NPTCBC), also Gethin Powell and Lee Evans from Bridgend County Borough Council (BCBC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                        |           |             |
| <b>Reference</b>                                                                                                                    | n/a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Date</b> | <b>05</b>                              | <b>04</b> | <b>2022</b> |
| <b>Details of pre-application advice received</b>                                                                                   | <ul style="list-style-type: none"> <li>Informal project introduction with SAB representatives from NPTCBC and BCBC on likely process for application.</li> <li>Representatives of NPTCBC said that relevant members of the council (engineers, team leaders, technicians etc.) would be able to advise us going forward</li> <li>SuDS application for the development should include <ul style="list-style-type: none"> <li>Element of how the project will connect to the motorway sewer</li> <li>Topographical map showing where the water travels over the land; also design elements such as access roads, borrow pits and hardstanding</li> </ul> </li> <li>SuDS application for the development should reflect the 5 priority levels and the 6 standards as described in the SuDS guidance.</li> </ul> <p>As project lies within both NPTCBC and BCBC, SAB representatives said the two authorities would work together to produce a joint response to this pre-app advice request, and also the application itself.</p> |             |                                        |           |             |
| <b>Does this application relate to any other SAB application already made?</b>                                                      | Yes <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             | No <input checked="" type="checkbox"/> |           |             |
| <b>If "Yes", please provide SAB Reference number</b>                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                        |           |             |
| <b>Is this application part of a phased approach to development of the site, or one of multiple applications for the same site?</b> | Yes <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             | No <input checked="" type="checkbox"/> |           |             |
| <b>If "Yes", please provide brief details</b>                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                        |           |             |

#### 4. Environmental Impact Assessment (EIA) Statement

|                                                                                                                                                                                                     |                                            |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|
| <b>Does this application relate to a development that is the subject of an EIA application under the Town &amp; Country Planning (Environmental Impact Assessment) (Wales) Regulations 2017(1)?</b> | Yes<br><input checked="" type="checkbox"/> | No<br><input type="checkbox"/> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|

#### 5. Compliance with Statutory National Standards for Sustainable Drainage Systems (SuDS)

All sustainable drainage systems **MUST** comply with the [Statutory National Standards for Sustainable Drainage Systems \(SuDS\) for Wales](#). You are advised to refer to the detailed text in the Standards that relate to the information required below. The Standards are re-produced, in the [Guidance](#) to assist in completing this application form.

#### Standard Principles

The principles listed below will underpin the design of surface water management schemes to meet the Statutory National Standards. Where possible, please provide a brief summary in each of the boxes below relating to each of the bulleted Standard Principles and itemised Standards 1 to 6, showing how your proposed surface water drainage scheme complies with this statutory requirement.

| Compliance with Standard Principles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <p>My proposed surface water drainage scheme will comply in the following way/s:</p> <p>Permanent and temporary site drainage for the Development would be designed in accordance with <i>Statutory standards for sustainable drainage systems – designing, constructing, operating and maintaining surface water drainage systems</i> as well as good practice guidance including <i>CIRIA SUDS Manual</i>, <i>CIRIA Drainage of development sites – a guide</i>, etc.</p> <p>Drainage management measures contained in the Environmental Statement (ES), associated technical appendices and any subsequent post-planning documents would be underpinned by the principles outlined in these documents. These include;</p> <ul style="list-style-type: none"><li>• Control the quantity of runoff to support the management of flood risk and also to maintain and protect the natural water cycle;</li><li>• Manage the quality of the runoff and prevent pollution by treating water as a valuable resource;</li><li>• Through design, create and sustain better places for nature; and</li><li>• Through design, create and sustain better places for people.</li></ul> <p>Specific considerations that would be embedded within the arrangement of the temporary and permanent drainage include;</p> <ul style="list-style-type: none"><li>• Maintaining the continuity of natural drainage (greenfield) patterns and in areas where artificial drainage exists and has modified these, the Development drainage would seek to provide enhancement through the use of sustainable drainage;</li><li>• Where applicable, moor grips and other artificial drainage features shall be retained and integrated within the design, wherever possible, to facilitate management of runoff and avoid unnecessary ground disturbance. In some circumstances these may also be blocked to provide environmental betterment for wetland type habitats and flood risk attenuation;</li><li>• Nothing will be allowed to directly enter surface watercourses and drains, except for clean rainwater and natural runoff;</li><li>• The amount of bare ground exposed at any time during construction will be minimised to prevent erosion and runoff;</li><li>• All materials including those from works such as excavated peat and spoil will be stored appropriately and away from watercourses;</li><li>• Water usage will be reduced as much as possible. Methods will include the construction of temporary and permanent drainage works to divert water away from construction activities and prevent surface water from entering excavations. Reducing the volume of water entering construction areas will reduce any contamination and subsequent treatment; and</li><li>• Water will be reused/recycled as much as possible. For example, treated water from settlement ponds/lagoons can be used to damp down access tracks in dry/dusty conditions.</li></ul> <p>A drainage management plan and detailed drainage layout plan would be prepared post-consent, based on the results of intrusive ground investigation, more detailed topographic surveys and finalisation of the Development layout. Included within this plan would be details on long-term monitoring and maintenance of permanent drainage to ensure it remains effective for the lifetime of the Development.</p> |

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| <p>Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this Guidance should be listed below and all relevant material submitted.</p>                                                                                  |
| <p>Supporting Figure;<br/>Hydrological Watersheds in Bridgend Council Area</p> <p>Following sections of the Environmental Statement;<br/>Volume 1 Chapter 5: Project Description<br/>Volume 1 Chapter 10: Hydrology, Geology and Hydrogeological Assessment (includes outline CEMP)<br/>Volume 3 Technical Appendix 6.3: Outline Habitat Management Plan</p> |

**Standards 1 to 6****Compliance with Standard S1 - Surface water runoff destination**

My proposed surface water drainage scheme will comply in the following way/s:

**Level 1 – Rainwater Collected for Re-Use**

The proposed development comprises of wind turbines, crane pads, access tracks, and a series of different forms of temporary infrastructure including borrow pits, compounds, etc. The majority of these structures are not compatible with rainwater harvesting techniques that could viably collect water for potable use. Furthermore, the proposed development is situated in a comparatively upland position, with no immediate population situated nearby which could be served by rainwater harvested by the development.

It is highlighted here that during the construction phase, temporary drainage features such as silt traps and settling ponds would be used as a source of non-potable water for use in activities such as dust suppression during periods of drought. Utilising runoff collected in these features is a more sustainable re-use of water compared to using potable water brought in from an off-site source.

It is possible that rainwater harvesting could be utilised at the permanent substation, depending on the need for a non-potable source of water. The final layout of the substation, including details of any rainwater harvesting system would be confirmed during the detailed design stage.

**Level 2 – Discharges of surface water into the ground**

Infiltration would be used extensively across the site for development area runoff. This would be a combination of both soakaways (where ground conditions allow) and outfall spreaders into vegetated areas. Natural or artificial drainage connections may be used for clean water runoff but not in a way that would increase flood risk. Infiltration and diffuse dispersal to vegetated ground would be prioritised as the main means of surface water management.

Infiltration and surface dispersal would be part of a series of measures (treatment train) that would be utilised in tandem to manage runoff. Source control measures featuring infiltration would include swales and filter strips, with opportunities for infiltration in later stages of the treatment train including settlement ponds and check dams in ditches.

**Level 3 – Discharge to surface water body**

The drainage layout would prioritise the use of infiltration and dispersal to vegetated ground. No development area runoff would be directly conveyed into any mapped watercourses. In areas where development is adjacent to watercourses, such as watercourse crossings, clean water may be directed into the watercourses, but would feature additional sustainable drainage measures such as silt traps or settlement ponds, to ensure there was no increase to flood risk or detriment to water quality.

**Level 3 – Discharge to surface water sewers, highway drains or combined sewers**

Due to the upland location of the development, it is not anticipated there would be any direct connections from the development drainage to any existing surface water sewer or combined drainage system.

A new junction on the motor is required as part of the Development and therefore drainage in this area may require connection to existing drainage networks associated with the motorway, however this would be discussed in detail with the SAB once design arrangements have been finalised.

Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in [Table A](#) and [Table B](#) of this

Guidance should be listed below and all relevant material submitted.

Relevant supporting information is outlined on Page 11 of the Pre-application form.

An indicative plan has been prepared showing likely runoff routes for the Development infrastructure based on the topography.

**Compliance with Standard S2 - Surface water runoff hydraulic control**

My proposed surface water drainage scheme will comply in the following way/s:

In general, the Development drainage would not discharge directly into surface water systems. It is anticipated that through the application of the sustainable drainage measures (specifically the prioritisation of infiltration and dispersal of runoff to vegetated ground), there would be no increased risk in flooding as runoff rates would be reflective of the existing greenfield runoff response. A preliminary estimate derived from the UK SUDS tool indicates a greenfield runoff rate of 12 l/s/Ha would be applicable, however this would be considered in more detail following the completion of detailed design. The design of drainage would accommodate spatial changes in land cover and gradient by varying the number and type of sustainable drainage measures utilised.

During the construction phase, additional silt management features such as settlement ponds and check dams would slow the rate of runoff encouraging infiltration and deposition of entrained sediment.

During the operational phase, the permanent drainage would focus on source control, encouraging infiltration as close to infrastructure areas as possible. Interception storage would be further encouraged through using vegetation in swales or ditches, also increasing surface roughness and slowing discharge rates.

Due to the limited extent of impermeable surfaces associated with the Development, it is not expected that any dedicated permanent attenuation storage features such as retention ponds will be required.

The temporary and permanent drainage would be designed to replicate the greenfield runoff rates for extreme events but would be designed to accommodate 1:100 year, 6 hour rainfall event (critical storm).

Following the completion of detailed design, calculations would be provided to demonstrate compliance with the critical storm.

Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in [Table A](#) and [Table B](#) of this Guidance should be listed below and all relevant material submitted.

Relevant supporting information is outlined on Page 11 of the Pre-application form.

An indicative plan has been prepared showing likely runoff routes for the Development infrastructure.

Specific flow calculations would be provided after the completion of detailed design.

| Compliance with Standard S3 – Water Quality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>My proposed surface water drainage scheme will comply in the following way/s:</p> <p>In general, the Development drainage would not discharge directly into surface water systems. It is anticipated that through the application of the sustainable drainage measures (specifically the prioritisation of infiltration and dispersal of runoff to vegetated ground), there would be no detriment to water quality as a result of the Development.</p> <p>During the construction phase, risks of pollution will be higher and therefore drainage management measures would incorporate a higher number of sustainable drainage measures with a focus on preventing pollution from occurring in the first place and then positioning additional management features as close to the source as possible.</p> <p>Site control sustainable drainage features that would be used to manage water quality include;</p> <ul style="list-style-type: none"><li>• Filtration of water through filter media (example - stone check dam);</li><li>• Filtration / settlement of water across undisturbed vegetated ground;</li><li>• Scour protection in areas of higher water velocity;</li><li>• Detention / settlement in settlement ponds; and</li><li>• Conveyance of shallow depths of water in vegetated swale.</li></ul> <p>During the operational phase, the reduced levels of site activities would reduce the risks of pollution. Nonetheless, the permanent drainage would incorporate some of these sustainable drainage features again focusing on preventing pollution in the first place, then managing as close to the source as possible.</p> <p>Measures associated with pollution prevention for the Development are described in the outline Construction Environmental Management Plan (CEMP), which is presented in the Hydrology chapter of the ES, and includes material handling, chemical handling and storage and also contingency and emergency response.</p> <p>During the construction and operational phases, a program of maintenance and monitoring would be established to ensure the sustainable drainage features function as intended, to deliver no detriment to water quality.</p> |
| <p>Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this Guidance should be listed below and all relevant material submitted.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>Relevant supporting information is outlined on Page 11 of the Pre-application form.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Compliance with Standard S4 – Amenity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>My proposed surface water drainage scheme will comply in the following way/s:</p> <p>The design of Development and its associated drainage would aim to be integrated within the landscape. Construction phase drainage would provide amenity benefits downstream by managing flood risk and also maintaining water quality. The permanent drainage will also aim to achieve this outcome. Given the focus on source control and the integration of vegetation and local materials that would be embedded within the drainage, it is anticipated that this would benefit biodiversity by providing a habitat for plants and animals. This would therefore provide an amenity benefit to any site visitors both as part of the operation of the Development and also recreational users.</p> |
| <p>Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this Guidance should be listed below and all relevant material submitted.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>Relevant supporting information is outlined on Page 11 of the Pre-application form.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Compliance with Standard S5 – Biodiversity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>My proposed surface water drainage scheme will comply in the following way/s:</p> <p>The permanent drainage design would integrate vegetation where possible to increase surface roughness and capture silt or sediment providing betterment to water quality and flood risk but also a biodiversity benefit.</p> <p>The Development will be accompanied by a Habitat Management Plan that will outline associated environmental and ecological enhancement proposals that would deliver as part of the development.</p> <p>No invasive species would be introduced as part of the Development or associated drainage design.</p>                                                                                                                                                           |
| <p>Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this Guidance should be listed below, and all relevant material submitted.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p>Relevant supporting information is outlined on Page 11 of the Pre-application form.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compliance with Standard S6 – Design of drainage for Construction and Maintenance and Structural Integrity</b>                                                                                                                                                                                                                                                                                        |
| <b>My proposed surface water drainage scheme will comply in the following way/s:</b>                                                                                                                                                                                                                                                                                                                     |
| A plan outlining the long-term monitoring and maintenance program for the drainage system would be prepared and then adopted by the sites operator for the duration of the Development. During this phase it is anticipated that some vegetation or deposited material removal may be required but generally only in areas where blockage could result in structural damage / localised flooding issues. |
| During all phases, communication between on-site contractors, the Developer and the SAB would be maintained.                                                                                                                                                                                                                                                                                             |
| The Developer and on-site contractors would be responsible for ensuring compliance with health and safety requirements during the drainage installation and during its ongoing maintenance.                                                                                                                                                                                                              |
| Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this                                                                                                                                                                                                          |

6. Initial Assessment of Flood Risk

|                                                                                                                                                                                                                                  |                                            |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|
| <b>Is the site within an area at risk of flooding?</b> Refer to Natural Resources Wales Development Advice maps. ( <a href="#">Natural Resources Wales / Development and flood risk</a> )                                        | Yes<br><input checked="" type="checkbox"/> | No<br><input type="checkbox"/> |
| If the proposed development is within the area at risk of flooding, you will need to consider whether it is appropriate to submit a flood consequences assessment. (Refer to <a href="#">Technical Advice Note 15 (TAN15)</a> ). |                                            |                                |

A flood consequence assessment will be provided with the ES

|                                                                                                                                                            |                                            |                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------|
| <b>Is the site located within an area susceptible to surface water flooding?</b> Refer to <a href="#">NRW Surface Water Flood Maps</a> .                   | Yes<br><input checked="" type="checkbox"/> | No<br><input type="checkbox"/>            |
| <b>Is the site located within an area susceptible to groundwater flooding?</b>                                                                             | Yes<br><input type="checkbox"/>            | No<br><input checked="" type="checkbox"/> |
| <b>Is there a watercourse</b> (as defined under <a href="#">Section 72 Land Drainage Act 1991</a> ) <b>located within 20m of the proposed development?</b> | Yes<br><input checked="" type="checkbox"/> | No<br><input type="checkbox"/>            |

7. SuDS Scheme Application - Checklist

|                                                                                                                                                                                                                                                                                                       |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| <b>Please complete the following checklist and make sure you have read the <a href="#">Guidance on Making SuDS Applications for SAB Approval</a>, the <a href="#">Guidance on completing the Pre-Application Form</a>, and provided all the necessary information in support of your application:</b> |                                         |
| <b>Pre-Application fee (where required)</b>                                                                                                                                                                                                                                                           | Yes <input checked="" type="checkbox"/> |
| <b>Completed, signed and dated Pre-Application Form.</b>                                                                                                                                                                                                                                              | Yes <input checked="" type="checkbox"/> |
| <b>Considered further questions and technical information in the <a href="#">Guidance</a>, required to help assess your Pre-Application and assist your Full Application proposals at a later date.</b>                                                                                               | Yes <input checked="" type="checkbox"/> |

9. Declaration

I/ we hereby apply for SuDS Pre-Application Approval as described in this form and the accompanying plans/drawings and additional information. I confirm that, to the best of my knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the persons giving them.  
This form is completed using accurate information and can be used as a summary of concept of the surface water drainage strategy on this site.

|                                                                      |                                                                                   |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Form completed by                                                    | Sam Wainright                                                                     |
| Signature                                                            |  |
| Qualification of person responsible for signing off this application | BSc Physical Geography, MSc Hydrogeology                                          |
| Company                                                              | Natural Power                                                                     |
| On behalf of (Client's details)                                      | Mr Trevor Hunter<br>Y Bryn Wind Farm Ltd                                          |
| Date                                                                 | 05/10/22                                                                          |

**Disclaimer**  
Information provided on this form and in supporting documents may be published on the SABs SuDS register and website and be made publicly available.

2. SUPPORTING DOCUMENTATION

A copy of Y Bryn Outline Habitat Management Plan (HMP)

A copy of Y Bryn Outline HMP was also attached to the consultation A3.3.57: NP request for Pre-Application Advice for SuDS - BCBC – October 2022. This can be found in Appendix A6 and has not been included in this Appendix to avoid repetition.

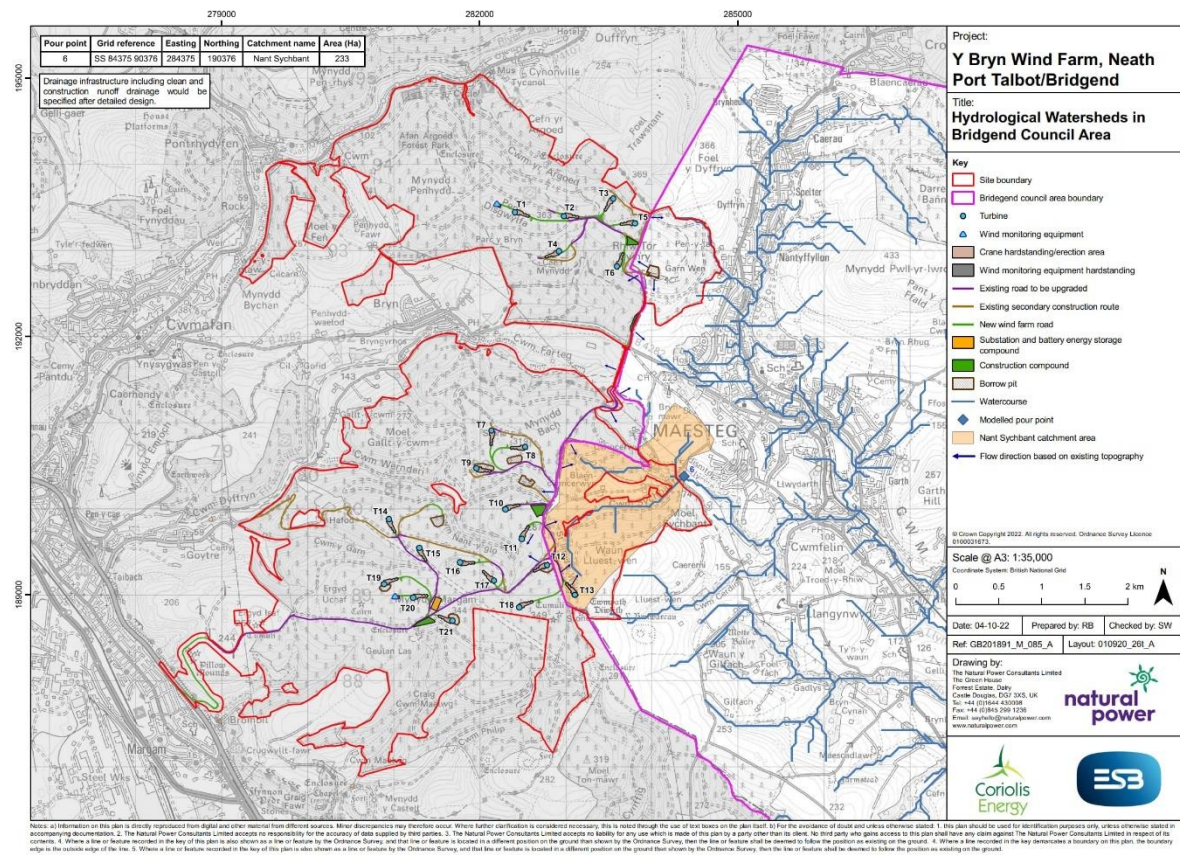
Y Bryn ES – Chapter 5, Project Description, Pre-PAC August 2022

Y Bryn ES Chapter 5 has not been included in this Appendix to avoid repetition. In the Environmental Statement, please see Chapter 5: Project Description.

Y Bryn ES – Chapter 10 – Hydrology, Geology and Hydrogeological Assessment, Pre-PAC Draft, August 2022.

Y Bryn ES Chapter 10 has not been included in this Appendix to avoid repetition. In the Environmental Statement please see Chapter 10: Hydrology, Geology and Hydrogeological Assessment.

Hydrological Watersheds in Bridgend Council Area



A3.3.63 NP CONSULTATION WITH BCBC FOR PRE-APPLICATION ADVICE ON SUDS  
APPROVING BODY (SAB) APPROVAL -OCTOBER 2022

Megan Griffiths

**From:** Joel Fullwood  
**Sent:** 04 April 2023 12:15  
**To:** SAB; Trevor Hunter; YBryn Wind Farm Consultation  
**Cc:** Rafe Osborne; Lucy Freeman  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good Afternoon,  
I am emailing again to request an update on the SAB response referenced in the email below.  
If you could please respond as soon as possible this would be very much appreciated.  
Regards  
Joel

**From:** Joel Fullwood  
**Sent:** Thursday, March 9, 2023 10:28 AM  
**To:** SAB <>>; Trevor Hunter <>>; YBryn Wind Farm Consultation <>>  
**Cc:** Rafe Osborne <>>; Lucy Freeman <>>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Good morning,

I’m contacting you again re- a SAB response for Y Bryn Wind Farm (ref DE-2022-2-SAB).  
Following submission and payment for pre-application advice in October and November last year, we have still not received this service.  
I have personally emailed and phoned on multiple occasions now and have been repeatedly told that the response will be sent out by the end of the week.  
Could you please confirm if there are any issues holding up the response, so I can better understand the delay?

Regards,  
Joel

**From:** Joel Fullwood  
**Sent:** 21 February 2023 13:04  
**To:** SAB <>>; Trevor Hunter <>>; YBryn Wind Farm Consultation <>>  
**Cc:** Rafe Osborne <>>; Ffion Edwards <>>; Lucy Freeman <>>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Hi Gethin,  
Any update on your SAB response for ref - DE-2022-2-SAB?  
Thanks  
Joel

**From:** SAB <>>  
**Sent:** 13 February 2023 15:01  
**To:** Joel Fullwood <>>; Trevor Hunter <>>; YBryn Wind Farm Consultation <>>  
**Cc:** Rafe Osborne <>>; Ffion Edwards <>>; Lucy Freeman <>>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Hi Joel,

Apologies for the delay. We are looking to issue our response by the end of this week.

Regards,

Gethin

**Gethin Powell**  
Arweinydd Tîm Rheoli Arfordiroedd a Llifogydd | Team Leader Coastal & Flood Management  
Y Gyfarwyddiaeth Cymunedau | Communities Directorate  
Cyngor Bwrdeistref Sirol Pen-y-bont ar Ogwr | Bridgend County Borough Council

Ffôn/Phone: <>>  
E-bost/Email: <>>  
Gwefan/ website: [www.bridgend.gov.uk](http://www.bridgend.gov.uk)

**From:** Joel Fullwood <>>  
**Sent:** 13 February 2023 15:00  
**To:** SAB <>>; Trevor Hunter <>>; YBryn Wind Farm Consultation <>>  
**Cc:** Rafe Osborne <>>; Ffion Edwards <>>; Lucy Freeman <>>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Good afternoon,  
Following the emails below, I’d just like to check in for an update on the referenced SAB response.  
If we could get some response as soon as possible it would be very much appreciated.

Kind regards  
Joel

**Joel Fullwood**  
Assistant Project Manager  
mobile: <>>  
email: <>>

**naturalpower.com**  
renewable energy consultants



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[Disclaimer](#)

**From:** Joel Fullwood  
**Sent:** 16 January 2023 09:52  
**To:** SAB <[REDACTED]>; Trevor Hunter <[REDACTED]>; YBryn Wind Farm Consultation <[REDACTED]>  
**Cc:** Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>; Lucy Freeman <[REDACTED]>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Good morning Gethin,  
On the 06/01/2022 I sent an email requesting an update on the SAB response for project reference DE-2022-2-SAB which was submitted 17/10/2022.  
If we could get some response as soon as possible it would be very much appreciated.  
Kind regards  
Joel

**From:** Joel Fullwood  
**Sent:** 06 January 2023 15:28  
**To:** SAB <[REDACTED]>; Trevor Hunter <[REDACTED]>; YBryn Wind Farm Consultation <[REDACTED]>  
**Cc:** Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>; Lucy Freeman <[REDACTED]>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Good afternoon Gethin,  
  
Following my email sent on the 19/12/22, I just wanted to chase up the status of the SAB response.  
I understand that my last email was likely sent at a particularly busy time of year, but if we could get and update on the request it would be much appreciated.  
Thank you for your time,  
Kind regards  
Joel

**From:** Joel Fullwood  
**Sent:** 19 December 2022 14:14  
**To:** SAB <[REDACTED]>; Trevor Hunter <[REDACTED]>; YBryn Wind Farm Consultation <[REDACTED]>  
**Cc:** Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>; Lucy Freeman <[REDACTED]>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Good afternoon Gethin,

As we've not heard back in a while now, I just wanted to send a quick chaser email to see if you've managed to progress the SAB response for project reference DE-2022-2-SAB ?  
If we could get some sort of update prior to Christmas this would be much appreciated.

Kind regards  
Joel

**From:** SAB <[SAB@bridgend.gov.uk](mailto:SAB@bridgend.gov.uk)>  
**Sent:** 03 November 2022 11:22  
**To:** Trevor Hunter <[REDACTED]>; Joel Fullwood <[REDACTED]>; YBryn Wind Farm Consultation <[REDACTED]>  
**Cc:** Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Hi Trevor,

Apologies for the delay, not sure what has happened to the paper copy but I've obtained an electronic copy of the invoice from the relevant department. I'm aiming to get a response to you by the 18<sup>th</sup> November 2022.

Regards,

Gethin

**Gethin Powell**  
Arweinydd Tim Rheoli Arfordiroedd a Llifogydd | Team Leader Coastal & Flood Management  
Y Gyfarwyddiaeth Cymunedau | Communities Directorate  
Cyngor Bwrdeistref Sirol Pen-y-bont ar Ogwr | Bridgend County Borough Council

Ffôn/Phone: [REDACTED]  
Ebst/Email: [REDACTED]  
Gwefan/ website: [www.bridgend.gov.uk](http://www.bridgend.gov.uk)

**From:** Trevor Hunter <[REDACTED]>  
**Sent:** 03 November 2022 10:40  
**To:** SAB <[REDACTED]>; Joel Fullwood <[REDACTED]>; YBryn Wind Farm Consultation <[REDACTED]>  
**Cc:** Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>  
**Subject:** RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Hi Gethin,

I've just tried calling but couldn't reach you. We're really keen to get this SuDs advice in hand, could you let us know if it's been commenced yet? If not as awaiting payment, then please let me know if we can expedite by my paying on card over the phone?

Best  
T

**From:** Trevor Hunter  
**Sent:** 31 October 2022 14:24

To: SAB <[REDACTED]>; Joel Fullwood <[REDACTED]>; YBryn Wind Farm Consultation <[REDACTED]>  
Cc: Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>  
Subject: RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Hi Gethin,

Just to say that I don't believe we've yet received this invoice from you, nor had confirmation that the application has been validated.

Could I ask for an update?

Best  
Trevor

From: Trevor Hunter  
Sent: 17 October 2022 14:38  
To: SAB <[REDACTED]>; Joel Fullwood <[REDACTED]>; YBryn Wind Farm Consultation <[REDACTED]>  
Cc: Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>  
Subject: RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Hi Gethin,

Please could you invoice to: Y Bryn Wind Farm Limited, 22-24 King Street, Maidenhead, Berkshire, SL6 1EF. If you can send an original (non-scanned) PDF to [REDACTED] then this will get it paid ASAP

From: SAB <[REDACTED]>  
Sent: 17 October 2022 13:09  
To: Joel Fullwood <[REDACTED]>; YBryn Wind Farm Consultation <[REDACTED]>  
Cc: Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>; Trevor Hunter <[REDACTED]>  
Subject: RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Hi Joel,

Apologies for the delay responding. Application reference will be DE-2022-2-SAB. I will prepare an invoice which will be £250+VAT =£300. Who should I sent invoice to, I will need a name and address.

Regards,

Gethin

**Gethin Powell**  
Arweinydd Tim Rheoli Arfordiroedd a Llifogydd | Team Leader Coastal & Flood Management  
Y Gyfarwyddiaeth Cymunedau | Communities Directorate  
Cyngor Bwrdeistref Sirol Pen-y-bont ar Ogwr | Bridgend County Borough Council

Ffôn/Phone: [REDACTED]  
E-bost/Email: [REDACTED]  
Gwefan/ website: [www.bridgend.gov.uk](http://www.bridgend.gov.uk)

From: Joel Fullwood <[REDACTED]>  
Sent: 17 October 2022 11:35  
To: YBryn Wind Farm Consultation <[REDACTED]>; SAB <[REDACTED]>  
Cc: Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>; Trevor Hunter <[REDACTED]>  
Subject: RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Good Morning,

I'm following up emails sent by my colleague and I 05/10/22 and 14/10/22, could you please confirm you have received our request for Pre-app advice, and send through a reference number we can use to pay for the work to commence. If you have any alternate contact number/email addresses aside from those provided on the application form, including these would also be appreciated.

Thank you very much for your time and I look forward to hearing from you.

Kind regards  
Joel

**Joel Fullwood**  
Assistant Project Manager  
mobile: +[REDACTED]  
email: [REDACTED]

**naturalpower.com**  
renewable energy consultants



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[Disclaimer](#)

From: YBryn Wind Farm Consultation <[REDACTED]>  
Sent: 14 October 2022 16:06  
To: [REDACTED]  
Cc: Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>; Trevor Hunter <[REDACTED]>; Joel Fullwood <[REDACTED]>  
Subject: RE: Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Hi there

I'm following up on my colleague Joel's email 05.10.22. Could you please confirm you've received our request for pre-application SuDS advice, and send through any identifier number we can use to pay for the work to commence. Could you also please send through a phone contact – I've tried ringing 01656 642810 several times, someone is picking up but doesn't seem able to hear me talking.

Look forward to hearing from you

Rafe

**From:** Joel Fullwood <[REDACTED]>  
**Sent:** 05 October 2022 17:27  
**To:** [REDACTED]  
**Cc:** Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>; Trevor Hunter <[REDACTED]>  
**Subject:** Y Bryn Wind Farm request for pre-app advice for SuDS - BCBC

Dear Sir/Madam,

Please see attached the pre-app SAB form and supporting documents for Y Bryn Wind farm in Bridgend County Borough Council.  
Y Bryn Wind Farm Reference number - P/21/34/DNS

Please could you provide me with a reference number so my colleague is able to proceed with the payment?

Thank you for your time and we look forward to hearing from you.

Kind regards,  
Joel

This e-mail and any attachments transmitted with it represents the views of the individual(s) who sent them and should not be regarded as the official view of Bridgend County Borough Council. The contents are confidential and intended solely for the use of the addressee. If you have received it in error, please inform the system administrator on [REDACTED]

This e-mail and any attachments have been scanned.

Mae'r e-bost hwn ac unrhyw atodiadau a drosglwyddir gydag ef yn cynrychioli safbwyntiau'r unigolyn a'i anfonodd (unigolion a'u hanfonodd) ac ni ddylid eu hystyried fel safbwynt swyddogol Cyngor Bwrdeistref Sirol Pen-y-bont ar Ogwr. Mae'r cynnwys yn gyfrinachol ac wedi'i fwriadu ar gyfer y sawl y'i cyfeiriwyd ato yn unig. Os ydych wedi ei dderbyn mewn camgymeriad, rhwch wybod i weinyddwr y system ar [REDACTED]

Mae'r e-bost hwn ac unrhyw atodiadau wedi cael eu sganio.

This e-mail and any attachments transmitted with it represents the views of the individual(s) who sent them and should not be regarded as the official view of Bridgend County Borough Council. The contents are confidential and intended solely for the use of the addressee. If you have received it in error, please inform the system administrator [REDACTED]

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Mae'r e-bost hwn ac unrhyw atodiadau wedi cael eu sganio.

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This e-mail and any attachments have been scanned.

Mae'r e-bost hwn ac unrhyw atodiadau a drosglwyddir gydag ef yn cynrychioli safbwyntiau'r unigolyn a'i anfonodd (unigolion a'u hanfonodd) ac ni ddylid eu hystyried fel safbwynt swyddogol Cyngor Bwrdeistref Sirol Pen-y-bont ar Ogwr. Mae'r cynnwys yn gyfrinachol ac wedi'i fwriadu ar gyfer y sawl y'i cyfeiriwyd ato yn unig. Os ydych wedi ei dderbyn mewn camgymeriad, rhwch wybod i weinyddwr y system ar [REDACTED]

Mae'r e-bost hwn ac unrhyw atodiadau wedi cael eu sganio.

A3.3.64 NP REQUEST FOR PRE-APPLICATION ADVICE FOR SUDS - NPTCBC – OCTOBER 2022

**Megan Griffiths**

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**From:** Joel Fullwood  
**Sent:** 27 October 2022 09:16  
**To:** Megan Griffiths  
**Subject:** FW: Y Bryn Wind farm request for pre-app advice for SuDS - NPTCBC

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

---

**From:** HDC <[REDACTED]>  
**Sent:** 10 October 2022 10:53  
**To:** Joel Fullwood <[REDACTED]>  
**Subject:** RE: Y Bryn Wind farm request for pre-app advice for SuDS - NPTCBC

Good Morning Joel,

Apologies for not getting back to you straight away.

Thank you for your email with the SAB Pre-Application for Y Bryn Wind Farm.

I can confirm that we have booked the application in and it's been assigned reference [REDACTED]

In order to process the application the application fee of £250 must be made. Please see below the following payment methods:

To pay by card please contact Margaret Sowden either on [REDACTED] or [REDACTED] quoting [REDACTED] the address and inform her that the payment is for a SAB pre-application.

To make a BACS payment the details are:  
BANK NAME: [REDACTED]  
SORT CODE: [REDACTED]  
ACCOUNT NO.: [REDACTED]

Please then send in a remittance advice quoting the reference [REDACTED] to [REDACTED] (please copy in [REDACTED]) so the income can be coded to the correct department.

To pay by cheque, please could this be made payable to NPTCBC or Neath Port Talbot CBC or Neath Port Talbot County Borough Council. Along with the cheque, please would you enclose details of the reference and address of the site and send to the address below:

The Quays,  
Brunel Way  
Briton Ferry  
Neath  
SA11 2GG

If you could please confirm when you have organised the payment, that would be much appreciated as we will then get back to you with an application validation email.

If you have any questions, please get in touch.

**SAB & Highways Development Control**

Neath Port Talbot County Borough Council/ Cyngor Bwrdeistref Sirol Castell-nedd Port Talbot Tel/ Ffôn: 01639 686868

We welcome correspondence in Welsh and will deal with Welsh and English correspondence to the same standards and timescales. Croesewir gohebiaeth yn y Gymraeg a byddwn yn ymdrin â gohebiaeth Gymraeg a Saesneg i'r un safonau ac amserlenni



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Mae'r e-bost hwn ac unrhyw ffeiliau a drosglwyddir gydag ef yn gyfrinachol ac at ddefnydd yr unigolyn neu'r corff y cyfeiriwyd hwy atynt yn unig. Os ydych wedi derbyn yr e-bost hwn mewn camgymeriad, dylech hysbysu'r person a anfonodd yr e-bost ar unwaith. Hefyd, sylwer nad oes unrhyw sicrwydd nad yw'r e-bost hwn neu unrhyw ymgysylltiad yn rhydd o firws ac nad yw chwaith wedi'i ryng-gipio na'i newid.

---

**From:** Joel Fullwood <[REDACTED]>  
**Sent:** 05 October 2022 17:27  
**To:** HDC <[REDACTED]>  
**Cc:** Rafe Osborne <[REDACTED]>; Ffion Edwards <[REDACTED]>; Trevor Hunter <[REDACTED]>  
**Subject:** Y Bryn Wind farm request for pre-app advice for SuDS - NPTCBC

**Caution:** This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe. If in doubt, contact the IT Service Desk

Dear Sir/Madam,

Please see attached the pre-app SAB form and supporting documents for Y Bryn Wind farm in Neath Port Talbot County Borough Council.  
Y Bryn Wind Farm Reference number - P2021/0057

Please could you provide me with a reference number so my colleague is able to proceed with the payment?

Thank you for your time and we look forward to hearing from you.

Kind regards,  
Joel

## ATTACHMENTS IN THE EMAIL CONTAINED:

## 1. NPTCBC - SUDS SCHEME APPLICATION FOR SUDS APPROVING BODY (SAB) APPROVAL – OCTOBER 2022

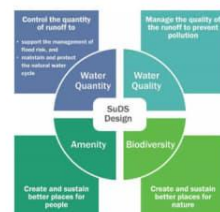
## SAB details:

|                                                                                                                                                |                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
|  Cyngor Castell-nedd Port Talbot<br>Neath Port Talbot Council |                                                                              |
| The Quays,<br>Brunel Way,<br>Baglan Energy Park,<br>Neath,<br>SA11 2GG                                                                         | Y Ceiau,<br>Ffordd Brunel,<br>Parc Ynni Baglan,<br>Castell-nedd,<br>SA11 2GG |

## Flood &amp; Water Management Act 2010

## Schedule 3 Sustainable Drainage

## SuDS Scheme Application for SuDS Approving Body (SAB) Approval – Wales



Application Form for Pre-Application Advice on SuDS on new developments, with reference to The Sustainable Drainage (Approval and Adoption Procedure) (Wales) Regulations 2018

| Pre-Application Structure                                                                                                                          |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <a href="#">Pre-Application Form</a>                                                                                                               | (To complete & return) |
| <a href="#">Guidance on Completing the Pre-Application Form</a> – including specific information and evidence required to support the application. | (For guidance)         |

(Use hyperlinks above to directly access the Form and Guidance)

Pre-Application Form

This form is based on the requirements provided by Welsh Government for the sole purpose of submitting information to the SuDS Approving Body (SAB) in accordance with the legislation detailed on this form and other relevant items of primary and subordinate legislation.

Please be aware that once you have downloaded this form, the SAB and Welsh Government will have no access to the form of the data you enter into it. Subsequent use of this form is solely at your discretion, including the choice to complete and submit it to the SAB in agreement with the declaration section.

Upon receipt of this form and any supporting information, it is the responsibility of the SAB to inform you of its obligations in regard to the processing of your application. Please refer to its website for further information on any legal, regulatory and commercial requirements relating to information security and data protection of the information you have provided.

Please Note:

1. This form is for **Pre-Application** discussions with SAB ONLY;
2. Consideration of this application will be based on compliance with the [Statutory National Standards for Sustainable Drainage Systems \(SuDS\) for Wales](#), and [Statutory Instruments](#);
3. You are advised to engage early, and directly, with the LPA and all other relevant organisations that may have an interest in your SuDS scheme proposal, including the SAB statutory consultees listed below:
  - a. Sewerage undertaker
  - b. National Resources Wales
  - c. Highway Authority
  - d. Canal & River Trust
  - e. Internal Drainage Districts (NRW);
4. **For a valid SuDS Scheme Pre-Application to the SAB, ALL sections of this form SHOULD be completed;** and
5. You are encouraged to provide an initial response to the further questions contained in the [Guidance](#) on completing this form, and to submit as much initial technical information as possible about your SuDS scheme proposals (also as indicated in the [Guidance](#)); as this will assist the SAB with pre-application considerations and discussions.

We will process the information you provide so that we can deal with your application. We may also process or release the information to offer you documents or services relating to environmental matters and consult the public, public organisation and other organisations; provide information from the public register to anyone who asks or prevent anyone from breaking environmental law, investigate cases where environmental law may have been broken and take any action that is needed, and respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows).

Please ensure that the information you submit is accurate and correct and does not include personal or sensitive information. If you require any further clarification, please contact the SAB directly.

If printed, please complete using block capitals and black ink prior to submitting to the SAB.

Please read through the [Guidance](#) and complete this application form carefully. If you fill in the application form correctly first time, the SAB can process it quicker.

**Prior to the submission of a Full Application, applicants are strongly advised to make this Pre-Application submission to discuss their proposals with the SAB and ensure that an acceptable SuDS scheme is submitted later, at the Full Application stage. Please note that pre-application fees may apply.**

Submissions made in support of this application shall be based upon current legislation and industry best practice including documents referenced in [Guidance on Making SuDS Applications for SAB Approval](#).

Proposals submitted should be developed by a competent and suitability qualified professional, experienced in drainage/ SuDs / flood risk management design.

Where applicable, the LPA planning reference or unique identifier should be included.

Applicants should complete this form and submit it, together with relevant supporting documents, to **Neath Port Talbot County Borough Council SuDs Approving Body**.

**Where applicable, payment of the Pre-Application fee can be made via:**

Cheque: *Made payable to 'NPTCBC' or 'Neath Port Talbot CBC' or 'Neath Port Talbot County Borough Council'*

Cash: *At 'The Quays, Brunel Way, Baglan Energy Park, Neath SA11 2GG'.*

Debit or Credit Card Payment: *Please contact us on 01639 686906 to make a payment using this method quoting the application reference number and/or address of application site. (The Authority does **NOT** accept American Express).*

BACS: *If paying by BACS please contact us on 01639 686906 so that details of Bank Name, Sort Code and Account No. can be given. When making a BACS payment a remittance advice must also be sent in Referencing 'S.A.B. Payment' to [accounts@npt.gov.uk](mailto:accounts@npt.gov.uk) in conjunction with a notifying email to [hdc@npt.gov.uk](mailto:hdc@npt.gov.uk)*

**Your application will not be processed until the application fee is received and cleared in full.**

**When you have completed the application form please submit the form and associated documents to:**

Electronically: [hdc@npt.gov.uk](mailto:hdc@npt.gov.uk)

Phone: **01639 686850**

Postal: **Highway Development Control**

|                     |                   |
|---------------------|-------------------|
| The Quays,          | Y Ceiau,          |
| Brunel Way,         | Ffordd Brunel,    |
| Baglan Energy Park, | Parc Ynni Baglan, |
| Neath,              | Castell-nedd,     |
| SA11 2GG            | SA11 2GG          |

If you are not sure about anything contained in the application form, please contact us.

**Content**

ALL sections of this form SHOULD be fully completed unless otherwise stated.

1. Applicant Details
2. Site Details
3. Application
4. Environmental Impact Assessment (EiA) Statement
5. Compliance with Statutory National Standards for Sustainable Drainage Systems (SuDS)
6. Initial Assessment of Flood Risk
7. SuDS Scheme Application Checklist
8. Declaration

**1. Applicant Details****Applicant Name and Address**

|                           |        |                      |
|---------------------------|--------|----------------------|
| Title and Name            |        | Mr Trevor Hunter     |
| Company                   |        | Y Bryn Wind Farm Ltd |
| Suffix (unit/name/number) |        |                      |
| Address line 1            |        | 22-24 King Street    |
| Address line 2            |        |                      |
| Address line 3            |        |                      |
| Town                      |        | Maidenhead           |
| County                    |        | Berkshire            |
| Postcode                  |        | SL6 1EF              |
| Phone number              | Mobile |                      |
|                           | Works  |                      |
|                           | Home   |                      |
| e-mail address            |        |                      |

**Agent Name and Address**

|                           |        |                               |
|---------------------------|--------|-------------------------------|
| Title and Name            |        | Rafe Osborne                  |
| Company                   |        | Natural Power Consultants Ltd |
| Suffix (unit/name/number) |        |                               |
| Address line 1            |        | Harbour House                 |
| Address line 2            |        | Y Lanfa                       |
| Address line 3            |        |                               |
| Town                      |        | Aberystwyth                   |
| County                    |        | Ceredigion                    |
| Postcode                  |        | SY32 1AS                      |
| Phone number              | Mobile |                               |
|                           | Works  |                               |
|                           | Home   |                               |
| e-mail address            |        |                               |

|                   |           |       |
|-------------------|-----------|-------|
| Preferred contact | Applicant | Agent |
|-------------------|-----------|-------|

## 2. Site Details

A general description of site location supported by a plan specifying the construction area and the extent of the drainage system should be submitted. Plans shall be at a scale of 1:2500. All plans should show the direction of North.

|                                     |                  |
|-------------------------------------|------------------|
| <b>Name of proposed development</b> | Y Bryn Wind Farm |
|-------------------------------------|------------------|

|                                  |                            |               |
|----------------------------------|----------------------------|---------------|
| <b>Grid Reference (E/N)</b>      | <b>281847</b>              | <b>190958</b> |
| <b>Suffix (unit/name/number)</b> |                            |               |
| <b>Address line 1</b>            | n/a                        |               |
| <b>Address line 2</b>            |                            |               |
| <b>Address line 3</b>            |                            |               |
| <b>Town</b>                      |                            |               |
| <b>County</b>                    | Neath Port Talbot/Bridgend |               |
| <b>Postcode</b>                  | n/a                        |               |

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description of proposed development</b> | <p>The application is for a wind farm comprising:</p> <ul style="list-style-type: none"> <li>Up to 21 turbines which will include: <ul style="list-style-type: none"> <li>Turbine foundations;</li> <li>External transformer housing;</li> <li>Crane pads and hardstand areas;</li> <li>Micrositing allowance of turbines and associated infrastructure of up to 50 m;</li> </ul> </li> <li>Substation, control building and compound;</li> <li>Battery/energy storage infrastructure;</li> <li>Construction of approximately 11,487 m of new access tracks;</li> <li>Upgrading of approximately 12,829 m of existing tracks;</li> <li>Alterations to the public road network;</li> <li>New slip road exiting the M4 for Abnormal Indivisible Loads (AIL);</li> <li>Underground electricity cables;</li> </ul> |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                         | <ul style="list-style-type: none"> <li>Two permanent wind monitoring equipment locations, expected to comprise of anemometry masts or LiDAR;</li> <li>8 temporary borrow pits (local temporary sources of construction aggregate which are solely for the purpose of the wind farm construction);</li> <li>Temporary concrete batching plant(s);</li> <li>Temporary construction and storage compounds, laydown areas and ancillary infrastructure</li> <li>Proposed lifespan of 50 years</li> </ul> |
| <b>Total application site area (Ha)</b>                                                                 | <p>The application boundary is 2302 ha.</p> <p>The total permanent land take of the proposed development, after completion of reinstatement measures including foundations; crane pads; site tracks; has been assessed to be approximately 27.5 ha excluding batter slopes.</p>                                                                                                                                                                                                                      |
| <b>Is the site currently developed i.e. Brownfield, or is it currently undeveloped i.e. Greenfield?</b> | Generally undeveloped but does contain a network of existing artificial drainage associated with current and predominating land use (commercial forestry)                                                                                                                                                                                                                                                                                                                                            |
| <b>Existing land use</b>                                                                                | Commercial forestry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Proposed land use</b>                                                                                | Wind Farm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## 3. Application

|                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                    |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>Has any prior advice been sought from the SuDS Approving Body (SAB) about this application?</b>                                                        | Yes <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                            | No <input type="checkbox"/> |
| If Yes, please complete the following information about the advice you were given. This will help the SAB to deal with this application more efficiently. |                                                                                                                                                                                                                                                                                                                                    |                             |
| <b>Officer Name</b>                                                                                                                                       | Steve Jenkins and Justin Griffiths from Neath Port Talbot County Borough Council (NPTCBC), also Gethin Powell and Lee Evans from Bridgend County Borough Council (BCBC)                                                                                                                                                            |                             |
| <b>Reference</b>                                                                                                                                          | n/a                                                                                                                                                                                                                                                                                                                                | <b>Date</b> 05 04 2022      |
| <b>Details of pre-application advice received</b>                                                                                                         | <ul style="list-style-type: none"> <li>Informal project introduction with SAB representatives from NPTCBC and BCBC on likely process for application.</li> <li>Representatives of NPTCBC said that relevant members of the council (engineers, team leaders, technicians etc.) would be able to advise us going forward</li> </ul> |                             |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>• SuDS application for the development should include             <ul style="list-style-type: none"> <li>○ Element of how the project will connect to the motorway sewer</li> <li>○ Topographical map showing where the water travels over the land; also design elements such as access roads, borrow pits and hardstanding</li> </ul> </li> <li>• SuDS application for the development should reflect the 5 priority levels and the 6 standards as described in the SuDS guidance.</li> <li>• As project lies within both NPTCBC and BCBC, SAB representatives said the two authorities would work together to produce a joint response to this pre-app advice request, and also the application itself.</li> </ul> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                         |                              |                                        |
|-------------------------------------------------------------------------|------------------------------|----------------------------------------|
| Does this application relate to any other SAB application already made? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| If "Yes", please provide SAB Reference number                           |                              |                                        |

|                                                                                                                              |                              |                                        |
|------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------|
| Is this application part of a phased approach to development of the site, or one of multiple applications for the same site? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| If "Yes", please provide brief details                                                                                       |                              |                                        |

#### 4. Environmental Impact Assessment (EiA) Statement

|                                                                                                                                                                                          |                                         |                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|
| Does this application relate to a development that is the subject of an EiA application under the Town & Country Planning (Environmental Impact Assessment) (Wales) Regulations 2017(1)? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|

#### 5. Compliance with Statutory National Standards for Sustainable Drainage Systems (SuDS)

All sustainable drainage systems **MUST** comply with the [Statutory National Standards for Sustainable Drainage Systems \(SuDS\) for Wales](#). You are advised to refer to the detailed text in the Standards that relate to the information required below. The Standards are re-produced, in the [Guidance](#) to assist in completing this application form.

##### Standard Principles

The Principles listed below will underpin the design of surface water management schemes to meet the Statutory National Standards. Where possible, please provide a brief summary in each of the boxes below relating to each of the bulleted Standard Principles and itemised Standards 1 to 6, showing how your proposed surface water drainage scheme complies with this statutory requirement.

##### Compliance with Standard Principles

My proposed surface water drainage scheme will comply in the following way/s:

Permanent and temporary site drainage for the Development would be designed in accordance with *Statutory standards for sustainable drainage systems – designing, constructing, operating and maintaining surface water drainage systems* as well as good practice guidance including *CIRIA SUDS Manual*, *CIRIA Drainage of development sites – a guide*, etc.

Drainage management measures contained in the Environmental Statement (ES), associated technical appendices and any subsequent post-planning documents would be underpinned by the principles outlined in these documents. These includes;

- Control the quantity of runoff to support the management of flood risk and also to maintain and protect the natural water cycle;
- Manage the quality of the runoff and prevent pollution by treating water as a valuable resource;
- Through design, create and sustain better places for nature; and
- Through design, create and sustain better places for people.

Specific considerations that would be embedded within the arrangement of the temporary and permanent drainage include;

- Maintaining the continuity of natural drainage (greenfield) patterns and in areas where artificial drainage exists and has modified these, the Development drainage would seek to provide enhancement through the use of sustainable drainage;
- Where applicable, moor grips and other artificial drainage features shall be retained and integrated within the design, wherever possible, to facilitate

management of runoff and avoid unnecessary ground disturbance. In some circumstances these may also be blocked to provide environmental betterment for wetland type habitats and flood risk attenuation;

- Nothing will be allowed to directly enter surface watercourses and drains, except for clean rainwater and natural runoff;
- The amount of bare ground exposed at any time during construction will be minimised to prevent erosion and runoff;
- All materials including those from works such as excavated peat and spoil will be stored appropriately and away from watercourses;
- Water usage will be reduced as much as possible. Methods will include the construction of temporary and permanent drainage works to divert water away from construction activities and prevent surface water from entering excavations. Reducing the volume of water entering construction areas will reduce any contamination and subsequent treatment; and
- Water will be reused/recycled as much as possible. For example, treated water from settlement ponds/lagoons can be used to damp down access tracks in dry/dusty conditions.

A drainage management plan and detailed drainage layout plan would be prepared post-consent, based on the results of intrusive ground investigation, more detailed topographic surveys and finalisation of the Development layout. Included within this plan would be details on long-term monitoring and maintenance of permanent drainage to ensure it remains effective for the lifetime of the Development.

Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in [Table A](#) and [Table B](#) of this Guidance should be listed below and all relevant material submitted.

Supporting Figure;  
Hydrological Watersheds in Neath Port Talbot Council Area

Following sections of the Environmental Statement;  
Volume 1 Chapter 5: Project Description  
Volume 1 Chapter 10: Hydrology, Geology and Hydrogeological Assessment (includes outline CEMP)  
Volume 3 Technical Appendix 6.3: Outline Habitat Management Plan

## Standards 1 to 6

### Compliance with Standard S1 - Surface water runoff destination

My proposed surface water drainage scheme will comply in the following way/s:

#### Level 1 – Rainwater Collected for Re-Use

The proposed development comprises of wind turbines, crane pads, access tracks, and a series of different forms of temporary infrastructure including borrow pits, compounds, etc. The majority of these structures are not compatible with rainwater harvesting techniques that could viably collect water for potable use. Furthermore, the proposed development is situated in a comparatively upland position, with no immediate population situated nearby which could be served by rainwater harvested by the development.

It is highlighted here that during the construction phase, temporary drainage features such as silt traps and settling ponds would be used as a source of non-potable water for use in activities such as dust suppression during periods of drought. Utilising runoff collected in these features is a more sustainable re-use of water compared to using potable water brought in from an off-site source.

It is possible that rainwater harvesting could be utilised at the permanent substation, depending on the need for a non-potable source of water. The final layout of the substation, including details of any rainwater harvesting system would be confirmed during the detailed design stage.

#### Level 2 – Discharges of surface water into the ground

Infiltration would be used extensively across the site for development area runoff. This would be a combination of both soakaways (where ground conditions allow) and outfall spreaders into vegetated areas. Natural or artificial drainage connections may be used for clean water runoff but not in a way that would increase flood risk. Infiltration and diffuse dispersal to vegetated ground would be prioritised as the main means of surface water management.

Infiltration and surface dispersal would be part of a series of measures (treatment train) that would be utilised in tandem to manage runoff. Source control measures featuring infiltration would include swales and filter strips, with opportunities for infiltration in later stages of the treatment train including settlement ponds and check dams in ditches.

#### Level 3 – Discharge to surface water body

The drainage layout would prioritise the use of infiltration and dispersal to vegetated ground. No development area runoff would be directly conveyed into any mapped watercourses. In areas where development is adjacent to watercourses, such as watercourse crossings, clean water may be directed into the watercourses, but would feature additional sustainable drainage measures such as silt traps or settlement ponds, to ensure there was no increase to flood risk or detriment to water quality.

### **Level 3 – Discharge to surface water sewers, highway drains or combined sewers**

Due to the upland location of the development it is not anticipated there would be any direct connections from the development drainage to any existing surface water sewer or combined drainage system.

A new junction on the motor is required as part of the Development and therefore drainage in this area may require connection to existing drainage networks associated with the motorway, however this would be discussed in detail with the SAB once design arrangements have been finalised.

Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in [Table A](#) and [Table B](#) of this Guidance should be listed below and all relevant material submitted.

Relevant supporting information is outlined on Page 11 of the Pre-application form.

An indicative plan has been prepared showing likely runoff routes for the Development infrastructure based on the topography.

### **Compliance with Standard S2 - Surface water runoff hydraulic control**

My proposed surface water drainage scheme will comply in the following way/s:

In general, the Development drainage would not discharge directly into surface water systems. It is anticipated that through the application of the sustainable drainage measures (specifically the prioritisation of infiltration and dispersal of runoff to vegetated ground), there would be no increased risk in flooding as runoff rates would be reflective of the existing greenfield runoff response. A preliminary estimate derived from the UK SUDS tool indicates a greenfield runoff rate of 12 l/s/Ha would be applicable, however this would be considered in more detail following the completion of detailed design. The design of drainage would accommodate spatial changes in land cover and gradient by varying the number and type of sustainable drainage measures utilised.

During the construction phase, additional silt management features such as settlement ponds and check dams would slow the rate of runoff encouraging infiltration and deposition of entrained sediment.

During the operational phase, the permanent drainage would focus on source control, encouraging infiltration as close to infrastructure areas as possible. Interception storage would be further encouraged through using vegetation in swales or ditches, also increasing surface roughness and slowing discharge rates.

Due to the limited extent of impermeable surfaces associated with the Development, it is not expected that any dedicated permanent attenuation storage features such as retention ponds will be required.

The temporary and permanent drainage would be designed to replicate the greenfield runoff rates for extreme events but would be designed to accommodate 1:100 year, 6 hour rainfall event (critical storm).

Following the completion of detailed design, calculations would be provided to demonstrate compliance with the critical storm.

Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in [Table A](#) and [Table B](#) of this Guidance should be listed below and all relevant material submitted.

Relevant supporting information is outlined on Page 11 of the Pre-application form.

An indicative plan has been prepared showing likely runoff routes for the Development infrastructure.

Specific flow calculations would be provided after the completion of detailed design.

| Compliance with Standard S3 – Water Quality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| My proposed surface water drainage scheme will comply in the following way/s:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>In general, the Development drainage would not discharge directly into surface water systems. It is anticipated that through the application of the sustainable drainage measures (specifically the prioritisation of infiltration and dispersal of runoff to vegetated ground), there would be no detriment to water quality as a result of the Development.</p> <p>During the construction phase, risks of pollution will be higher and therefore drainage management measures would incorporate a higher number of sustainable drainage measures with a focus on preventing pollution from occurring in the first place and then positioning additional management features as close to the source as possible.</p> <p>Site control sustainable drainage features that would be used to manage water quality include;</p> <ul style="list-style-type: none"> <li>• Filtration of water through filter media (example - stone check dam);</li> <li>• Filtration / settlement of water across undisturbed vegetated ground;</li> <li>• Scour protection in areas of higher water velocity;</li> <li>• Detention / settlement in settlement ponds; and</li> <li>• Conveyance of shallow depths of water in vegetated swale.</li> </ul> <p>During the operational phase, the reduced levels of site activities would reduce the risks of pollution. Nonetheless, the permanent drainage would incorporate some of these sustainable drainage features again focusing on preventing pollution in the first place, then managing as close to the source as possible.</p> <p>Measures associated with pollution prevention for the Development are described in the outline Construction Environmental Management Plan (CEMP), which is presented in the Hydrology chapter of the ES, and includes material handling, chemical handling and storage and also contingency and emergency response.</p> <p>During the construction and operational phases, a program of maintenance and monitoring would be established to ensure the sustainable drainage features function as intended, to deliver no detriment to water quality.</p> |
| Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this Guidance should be listed below and all relevant material submitted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Relevant supporting information is outlined on Page 11 of the Pre-application form.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Compliance with Standard S4 – Amenity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| My proposed surface water drainage scheme will comply in the following way/s:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p>The design of Development and its associated drainage would aim to be integrated within the landscape. Construction phase drainage would provide amenity benefits downstream by managing flood risk and also maintaining water quality. The permanent drainage will also aim to achieve this outcome. Given the focus on source control and the integration of vegetation and local materials that would be embedded within the drainage, it is anticipated that this would benefit biodiversity by providing a habitat for plants and animals. This would therefore provide an amenity benefit to any site visitors both as part of the operation of the Development and also recreational users.</p> |
| Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this Guidance should be listed below and all relevant material submitted.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Relevant supporting information is outlined on Page 11 of the Pre-application form.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Compliance with Standard S5 – Biodiversity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| My proposed surface water drainage scheme will comply in the following way/s:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p>The permanent drainage design would integrate vegetation where possible to increase surface roughness and capture silt or sediment providing betterment to water quality and flood risk but also a biodiversity benefit.</p> <p>The Development will be accompanied by a Habitat Management Plan that will outline associated environmental and ecological enhancement proposals that would delivered as part of the development.</p> <p>No invasive species would be introduced as part of the Development or associated drainage design.</p>                                                                                                                                                         |
| Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this Guidance should be listed below and all relevant material submitted.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Relevant supporting information is outlined on Page 11 of the Pre-application form.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compliance with Standard S6 – Design of drainage for Construction and Maintenance and Structural Integrity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| My proposed surface water drainage scheme will comply in the following way/s:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>A plan outlining the long-term monitoring and maintenance program for the drainage system would be prepared and then adopted by the sites operator for the duration of the Development. During this phase it is anticipated that some vegetation or deposited material removal may be required but generally only in areas where blockage could result in structural damage / localised flooding issues.</p> <p>During all phases, communication between on-site contractors, the Developer and the SAB would be maintained.</p> <p>The Developer and on-site contractors would be responsible for ensuring compliance with health and safety requirements during the drainage installation and during its ongoing maintenance.</p> |
| Where possible, relevant items of supporting information (e.g. evidence, technical documents, plans and drawings etc.), as shown in <a href="#">Table A</a> and <a href="#">Table B</a> of this Guidance should be listed below and all relevant material submitted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

6. Initial Assessment of Flood Risk

|                                                                                                                                                                                                                                  |                                     |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| <b>Is the site within an area at risk of flooding?</b> Refer to Natural Resources Wales Development Advice maps. ( <a href="#">Natural Resources Wales / Development and flood risk</a> )                                        | Yes                                 | No                                  |
|                                                                                                                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| If the proposed development is within the area at risk of flooding, you will need to consider whether it is appropriate to submit a flood consequences assessment. (Refer to <a href="#">Technical Advice Note 15 (TAN15)</a> ). |                                     |                                     |
| A flood consequence assessment will be provided with the ES                                                                                                                                                                      |                                     |                                     |
| <b>Is the site located within an area susceptible to surface water flooding?</b> Refer to <a href="#">NRW Surface Water Flood Maps</a> .                                                                                         | Yes                                 | No                                  |
|                                                                                                                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <b>Is the site located within an area susceptible to groundwater flooding?</b>                                                                                                                                                   | Yes                                 | No                                  |
|                                                                                                                                                                                                                                  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <b>Is there a watercourse</b> (as defined under <a href="#">Section 72 Land Drainage Act 1991</a> ) <b>located within 20m of the proposed development?</b>                                                                       | Yes                                 | No                                  |
|                                                                                                                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

7. SuDS Scheme Application - Checklist

|                                                                                                                                                                                                                                                                                                       |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| <b>Please complete the following checklist and make sure you have read the <a href="#">Guidance on Making SuDS Applications for SAB Approval</a>, the <a href="#">Guidance on completing the Pre-Application Form</a>, and provided all the necessary information in support of your application:</b> |                                         |
| <b>Pre-Application fee (where required)</b>                                                                                                                                                                                                                                                           | Yes <input checked="" type="checkbox"/> |
| <b>Completed, signed and dated Pre-Application Form.</b>                                                                                                                                                                                                                                              | Yes <input checked="" type="checkbox"/> |
| <b>Considered further questions and technical information in the <a href="#">Guidance</a>, required to help assess your Pre-Application and assist your Full Application proposals at a later date.</b>                                                                                               | Yes <input checked="" type="checkbox"/> |

9. Declaration

I/ we hereby apply for SuDS Pre-Application Advice as described in this form and the accompanying plans/drawings and additional information. I confirm that, to the best of my knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the persons giving them.  
This form is completed using accurate information and can be used as a summary of concept of the surface water drainage strategy on this site.

|                                                                      |                                                                                   |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Form completed by                                                    | Sam Wainright                                                                     |
| Signature                                                            |  |
| Qualification of person responsible for signing off this application | BSc Physical Geography, MSc Hydrogeology                                          |
| Company                                                              | Natural Power                                                                     |
| On behalf of (Client's details)                                      | Mr Trevor Hunter<br>Y Bryn Wind Farm Ltd                                          |
| Date                                                                 | 04/10/2022                                                                        |

**Disclaimer**  
Information provided on this form and in supporting documents may be published on the SABs SuDS register and website and be made publicly available.

2. SUPPORTING DOCUMENTATION

A copy of Y Bryn Outline Habitat Management Plan (HMP)

A copy of Y Bryn Outline HMP was also attached to the consultation A3.3.57: NP request for Pre-Application Advice for SuDS - NPTCBC – October 2022. This can be found in Appendix A6 and has not been included in this Appendix to avoid repetition.

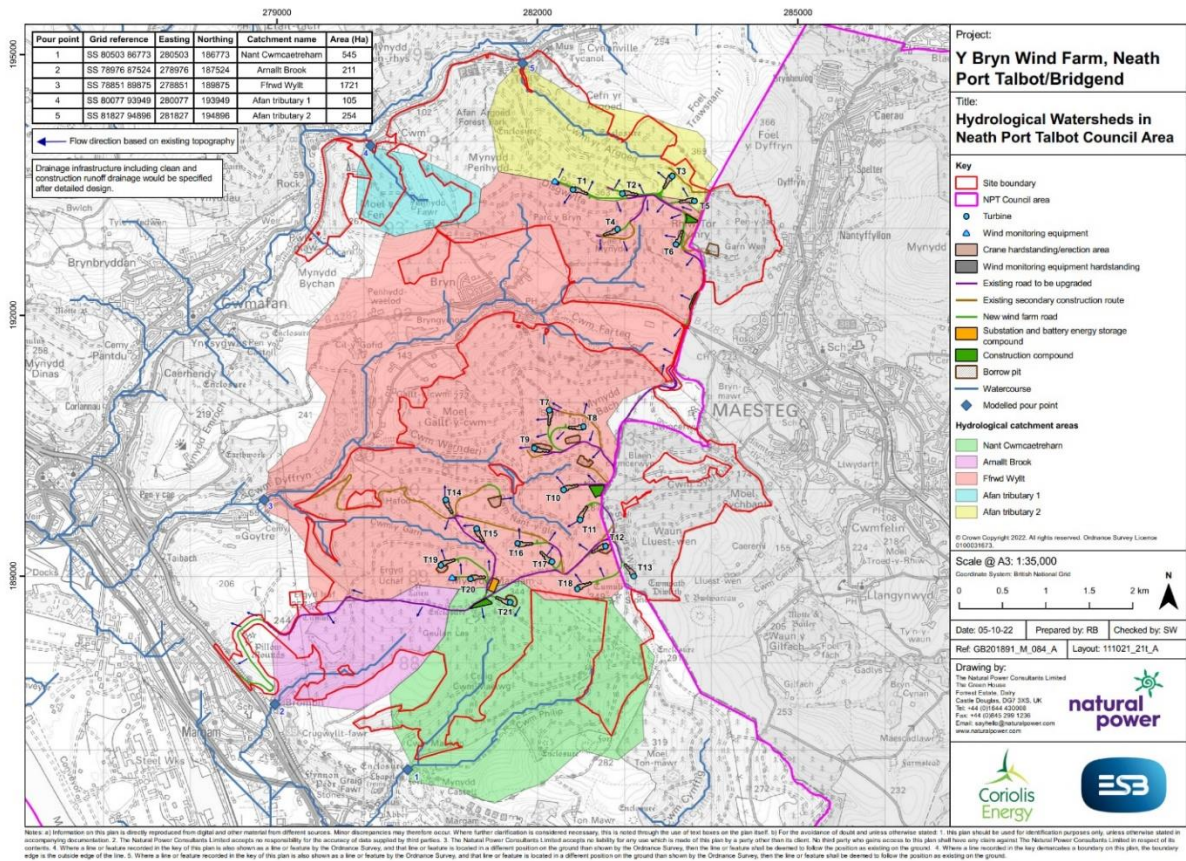
Y Bryn ES – Chapter 5, Project Description, Pre-PAC August 2022

Y Bryn ES Chapter 5 has not been included in this Appendix to avoid repetition. In the Environmental Statement, please see Chapter 5: Project Description.

Y Bryn ES – Chapter 10 – Hydrology, Geology and Hydrogeological Assessment, Pre-PAC Draft, August 2022.

Y Bryn ES Chapter 10 has not been included in this Appendix to avoid repetition. In the Environmental Statement, please see Chapter 10: Hydrology, Geology and Hydrogeological Assessment.

Hydrological watersheds in Neath Port Talbot area



### A3.3.65 NRW EMAIL RESPONSE TO CHARGED PRE-APPLICATION ADVICE REQUEST – OCTOBER 2022

**Megan Griffiths**

**From:** SW Planning <[REDACTED]>  
**Sent:** 21 October 2022 11:20  
**To:** Rafe Osborne  
**Subject:** 3264571 - Y Bryn Wind Farm Development Neath Port Talbot (DNS) (Charged Pre-app) V8 - NRW Response NRW:01312816  
**Attachments:** Pre-app charged - Y Bryn Wind Farm.pdf

Dear Rafe,

Please find attached our response to the above charged pre-application advice request, if you have any queries, please do not hesitate to contact me.

Kind Regards

Lisa Jones  
Tîm Cynllunio Datblygu / Development Planning Team  
Cyfoeth Naturiol Cymru / Natural Resources Wales  
[www.cyfoethnaturiolcymru.gov.uk](http://www.cyfoethnaturiolcymru.gov.uk) / [www.naturalresourceswales.gov.uk](http://www.naturalresourceswales.gov.uk)

Yn falch o arwain y ffordd at ddyfodol gwell i Gymru trwy reoli'r amgylchedd ac adnoddau naturiol yn gynaliadwy / Proud to be leading the way to a better future for Wales by managing the environment and natural resources sustainably.

Croesewir gohebiaeth yn Gymraeg a byddwn yn ymateb yn Gymraeg, heb i hynny arwain at oedi / Correspondence in Welsh is welcomed, and we will respond in Welsh without it leading to a delay.

### A3.3.66 NRW RESPONSE TO CHARGED PRE-APPLICATION ADVICE REQUEST – OCTOBER 2022



Mr Rafe Osborne  
Natural Power Consultants Limited  
Harbour House  
Yr Lanfa,  
Trefechan,  
Aberystwyth  
SY23 1AS

**Dyddiad/Date:** 20 October 2022

Annwyl / Dear Mr Osborne,

#### DISCRETIONARY PLANNING ADVICE SERVICE

#### REVIEW OF ENVIRONMENTAL STATEMENT - CHAPTER 6 ECOLOGY AND CHAPTER 10 HYDROLOGY, GEOLOGY AND HYDROGEOLOGY AND ALSO A REVIEW OF THE VISUAL REPRESENTATION OF FORESTRY ON Y BRYN WIND FARM

Thank you for consulting Cyfoeth Naturiol Cymru/Natural Resources Wales (NRW) through our Discretionary Planning Advice Service in respect of the above pre-application.

We have considered your enquiry for advice in relation to the review of the Environmental Statement - Chapter 6 Ecology, Chapter 10 Hydrology, Geology and Hydrogeology. Also, a review of the visual representation of forestry on Y Bryn Wind Farm. As advised previously we are unable to provide comments regarding European Protected Species (EPS) and Ornithology at this time. Please see our comments below.

#### Chapter 6 Ecology

Please see below our specific comments in relation to the sections set out in Chapter 6 - Ecology of the Environmental Statement.

#### Habitat Management Plan

We welcome the undertakings in the application relating to the provision of a long-term Habitat Management Plan (HMP) that aims to deliver both mitigation (e.g., retention of open areas around turbines as mitigation for potential bat impacts) and enhancements for areas within the application site. In line with a number of other windfarm developments in the area we suggest this HMP should seek to deliver long-term favourable management (25 years minimum) to achieve these objectives.

Croesewir gohebiaeth yn y Gymraeg a'r Saesneg  
Correspondence welcomed in Welsh and English

**Ein cyf/Our ref:** CAS-199199-N3P6  
**Eich cyf/Your ref:** Y Bryn Wind Farm

Maes Newydd  
Llandarcy  
Neath Port Talbot  
SA10 6JQ

**Ebost/Email:**

**Ffôn/Phone:**

6.7.5 - An outline HMP that outlines proposed measures for habitat improvements and biodiversity net benefit within the proposed win farm areas can be found in Appendix 6.3. The final HMP will be subject to agreement with NRW (acting as landowners), NRW (as statutory consultees), Neath Port Talbot County Borough Council and Bridgend County Borough Council. The measures proposed in the HMP are summarised below:

- Restoration of native broadleaved woodland, focusing on areas alongside watercourses to create corridors of species-rich habitat that will benefit invertebrates and invertebrate-eating animals, including bats.

Whilst the surveys undertaken for the application have not confirmed a presence of water voles on the application site, the importance of open habitat in these upland areas has become apparent in the last 5 years or so and it may not be appropriate to focus all tree planting along watercourses as this would reduce habitat availability for any water voles that may spread from known populations to the east of the site. The HMP should acknowledge the importance of open habitats alongside watercourses to water voles.

- Creation of wet woodland habitat, in an area identified as having soil with high content of peat, for the benefit of herptiles, invertebrates and bird species;

The primary aim for areas of deep peat should be the restoration of a 'natural' hydrological regime whereby the groundwater level is raised to between 0 and 10cm bgl. This will help to ensure the peat remains saturated and conditions are favourable for further peat formation and carbon sequestration. It may be that some trees will naturally regenerate in some areas but a near natural hydrological regime would result in an open healthy bog habitat. In this instance, it may be beneficial to set out an approach for the restoration of an improved hydrological condition and monitor the recovery. The Local Authority's Ecologist will be able to advise further on this matter.

- Water retention measures to create new ponds and ditches, for the benefit of amphibians, invertebrates and invertebrate-eating animals, as well as being a measure to reduce water flow and aid catchment flood prevention.
- We note the creation of ditches for drainage purposes however, opportunities could be sought within areas of peaty soils to raise water levels and increase water retention with resulting improvements to downstream flood risk. Further comments on Natural Flood Management systems are provided below under section 10.7.16
- Creation of open ground within the forest, in addition to that required to house infrastructure, to increase grassland/heathland cover for the benefit of ground flora, pollinators and reptiles;

Creation of open ground is welcomed; however, it will be important to provide further detail on how these open habitats will be managed in the long term e.g., introduction of grazing animals or a schedule of cutting and collection of cut material to reduce smothering and nutrient build up and therefore increase diversity etc.

Overall, we welcome the commitment to undertake long term mitigation and enhancement through the delivery of a HMP.

#### General Comments

Below are our general comments in relation to Chapter 6, Ecology:

We are happy that the ornithological survey reports show very few records of waterfowl utilising the area of the proposed development, both for flying and foraging purposes. On this basis the windfarm is unlikely to affect the over wintering waterfowl feature at Eglwys Nunydd SSSI.

As the development will mostly use existing forest roads, there is unlikely to be any major impact on habitats present. The Bryn Forest area is known to have interesting road verge plant assemblages, including some interesting Bryophyte records. Provided that the tracks are maintained appropriately using a cut and collect mowing regime, this habitat shouldn't be overly impacted, and there may be opportunities for enhancement.

The cleared bat and bird mitigation areas around the turbines will need to be carefully managed for conifer regeneration.

#### Biodiversity

We recommend that Section 7 habitat loss calculation are defined by areas of habitat lost rather than as a percentage to allow a more accurate calculation of loss for mitigation purposes.

#### Peat

We welcome the provision of detailed surveys to identify peatland soils and in particular areas of deep peat within the site. Whilst we welcome the applicants' efforts to avoid placing infrastructure in areas of deep peat, infrastructure can alter both the surface and subsurface flows that support peatland development. We therefore welcome the measures to identify and mitigate any potential interruptions to these flows etc through cut off ditches and hydrological interventions. Much work has been undertaken at the adjacent Pen Y Cymoedd windfarm and The Local Authority's Ecologist will be able to provide additional advice on this matter.

#### **Chapter 10 - Hydrology, Geology and Hydrogeology**

Please see below our comments in relation to Chapter 10, Hydrology, Geology and Hydrogeology of the Environmental Statement.

## Protection of Surface Waters

Section 10.3.1 – We consider that there could be effects associated with the operational and decommissioning phases of the wind farm as well as the development phase. We therefore recommend that these phases be considered as part of the Environmental Statement. It is important that possible implications for the environment are managed and mitigated as appropriate throughout the whole lifecycle of the windfarm and that there is scope built in to modify such management/mitigation in line with developing policies and legislation.

Note that within section 10.5.9 rainfall data is out of date.

10.7.9 - Drainage - All runoffs will be adequately treated via a suitably designed drainage scheme with appropriate sediment and pollution management measures. We would require more detail on the planned water treatment prior to construction commencing.

10.7.9 - Welfare Facilities - It is unclear what the intended method of sewerage will be for the welfare facilities. The report refers to tankering away in section 10.7.48. An Environmental permit may be required if discharging to ground/ surface water.

10.7.12 - Referencing the material to be used during construction of the development on access tracks and the use of on-site borrow pits. Appendix 10.3 highlights the likely material to be sandstone, gritstone, siltstone and mudstone. As referenced in our response to the scoping document (February 2021), these materials prove problematic as they tend to break down easily and produce a slurry under heavy load and high rainfall rates. Placing additional strain on pollution prevention and mitigation measures. As such these measures should be robust and thoroughly thought out and implemented where this material is used. We would also recommend reviewing options for sourcing more appropriate aggregate for use should material sourced on site prove to overwhelm implemented pollution prevention methods.

10.7.15 - Referencing types of silt traps and their construction. A proprietary product should be used rather than clean stone wrapped in geotextile which will be difficult to replace and ineffective. Products such as silt mats can be used in small ditches in series with relatively low flows. To treat greater volumes of silt, settlement features (pits, ponds or lagoons) should be installed to allow sediments and silt to drop out. These will need to be monitored and maintained regularly. Preventing silt from entering watercourses should be given highest priority, ensuring cut of drainage above earth works and stockpiles to direct clean water around and away from, installing silt fencing (the correct product, rather than a general geotextile) down slope of earth works of stockpiles, down slope haul roads, following by settlement as detailed above. Please refer to CIRIA guidance on linear construction projects. NRW would not approve the use of flocculant unless all other measures had been pursued and exhausted, use of flocculants would likely require an environmental permit.

10.7.16 – With regard to Natural Flood Management (NFM) measures to be implemented. We would advise that the applicant seeks advice from our Neath Port Talbot Environment Team [redacted] prior to design of such planned interventions to ensure compliance with relevant legislation.

Table 10.16: Assessment of construction effects - we would argue that the risk of silty water running off and into receiving waters cannot be considered minor for the Llynfi river if the limiting criteria for the stretch under the Water Framework Directive is Fish. Sedimentation into the Llynfi could further affect fish populations and so we recommend either the sensitivity or the significance be upgraded.

10.7.18 permeability - If the area is clay heavy, there may be problems with settlement as the suspended solids could be too fine to settle in the given pond settlement pond sizes. This may require flocculant in the form of a chemical dosing system (as identified in 10.7.23) and may require a permit.

10.7.32 - Concrete washings. There are no details of disposal of concrete wash water and other waste concrete. We would welcome further clarification on proposed methods.

Section 10.7.44 – should not allow any direct discharge to groundwater either. Ensure water infiltrating as part of the SUDS system is of an appropriate quality prior to infiltration.

10.7.63 - Site reinstatement – We would advise that the natural resources are enhanced as far as possible during reinstatement.

Appendix 10 – We note a new culvert is required as part of the scheme and understand from the Watercourse Crossing Assessment that the route has been proposed so that only one river crossing is needed. We welcome that watercourse crossings will be kept to a minimum. We note that the culvert proposed is a circular culvert. Please note that circular culverts are not adaptable to future flow increases and susceptible to geomorphological change. A bottomless arch culvert or bridge may be a more resilient option. As the Lead Local Flood Authority, we advise that you discuss this with the Local Authority's Drainage Engineers.

We welcome the commitment to produce a detailed Construction Environmental Management Plan (CEMP) which will give full details of pollution prevention and mitigation methods to be incorporated. Please contact the Neath Port Talbot Environment Team [redacted] at the earliest opportunity to discuss in further detail. We also welcome the commitment to employ an Environmental Clerk of Works who will be responsible for implementing and maintaining the principles outlined in this document and of the further detailed information to be provided in the forthcoming CEMP.

The principles of pollution prevention and mitigation proposed within Chapter 10 are appropriate, however we recommend you review industry appropriate guidance and incorporate relevant approaches into the proposed CEMP document. CIRIA guidance on linear construction projects will be of particular relevance in relation to access track works and maintenance during construction of this project.

Discharging of water on to land has been referenced several times during Chapter 10 (e.g., 10.7.21). This approach, though welcome, must be carefully planned and monitored. Each site of discharge will have different flow characteristics depending on the current ground conditions and area available. This activity will need to be constantly monitored and as such

should form part of the CEMP. We also recommend reviewing appropriate products, such as silt bags or tubes, to help remove silt from these discharges

No mention is given within this chapter to the risk posed from the cable trenching and laying operation and any proposed pollution prevention and mitigation methods. Please refer to our comments in our scoping response (Reference CAS-35151-H4R5 dated 17 February 2021).

#### Groundwater

10.9.8 - Modification of groundwater flows and levels – we note that the report recognises that cut tracks and their drainage as well as the turbine foundations have the potential to alter the water table within the upslope and downslope peat and bedrock groundwater, which may have implications for the long-term functionality of the peatland's environment. Mitigation, restoration and enhancement isn't documented in any detail. This should be addressed.

Modification of Groundwater Flows and Levels 10.9.8 Cut tracks and their drainage as well as turbine foundations and hardstands will potentially alter the water table within the upslope and downslope peat and bedrock groundwater, which can also have implications for the long-term functionality of peatland environments.

Table 10.17 - more detail should be given to the operational phase impacts of the development. For example, making permanent changes to the drainage regime of the site could have significant impacts (both positive and negative) upon groundwater in the medium and long term. It is important that these are monitored.

We recommend a baseline groundwater investigation/monitoring exercise is undertaken to understand the groundwater regime associated with the site and how changes to it may impact the environment.

10.10 - Cumulative effects – consideration should be to the potential cumulative effects throughout the construction and operational phases.

10.11.3 - Water monitoring control sites - the proposed control sites would need to be areas which are unaffected by pollution. We'd recommend an unaffected upstream watercourse within the vicinity.

Groundwater sensitivity - There is limited to no superficial cover. The bedrock geology consists of the brithdir member (sandstone) and is a Secondary A aquifer. The site has medium groundwater vulnerability. In addition to private water supplies that will need identifying there are some licensed groundwater abstractions within 2-3km of the site that may need consideration.

Given the limited superficial cover, the groundwater could be vulnerable to groundwater pollution. Groundwater flows and levels could be at risk from the development of the windfarm. As advised in our Scoping response (Reference CAS-35151-H4R5 dated 17

February 2021). We recommend that a Water Features Survey be undertaken to include the following:

- Identification of all water features both surface and groundwater (ponds, springs, ditches, culverts etc.) within a 500-metre radius of the site boundary and access roads.
- Use made of any of these water features. This should include the construction details of wells and boreholes and details of the lithology into which they are installed.
- An indication of the flow regime in the spring or surface water feature, for example whether the water feature flows throughout the year or dries up during summer months.
- Accessibility to the spring/well.
- This information should identify on a suitably scaled map (i.e., 1:10,000), tabulated and submitted to NRW. It would be useful for the developer to photograph each of the identified water features during the survey.

Based on the results of the survey the likely impacts from the development should be assessed on both quantity and quality of the surface water and groundwater. This should take into consideration both the preferred methods of construction and the assumed hydrogeology in the vicinity of the development.

Please note that we may require identified groundwater features to be monitored during the proposed workings. We would therefore recommend that the survey be undertaken as soon as possible to enable suitable baseline monitoring to be undertaken prior to the commencement of workings at the site.

It is noted that identification of groundwater features are not included within Figure 10.1 (see above comments regarding water features survey).

We strongly recommend that within Section 10.2 [The Environment Agency's approach to groundwater protection \(publishing.service.gov.uk\)](#) as adopted by NRW is referred to. Reference to this is essential when considering the potential impacts to groundwater.

#### Borrow Pits

Borrow pits can result in risks to groundwater and surface water from, for example, pollution / turbidity, risk of mobilising contamination and physically disturbing aquifers. This requires further consideration within the Environmental Statement to understand the risks associated with this specific site and to ensure that any works will not result in contamination or affect water resources.

#### Coal Mining Risk

This assessment suggests mitigating the effect of coal mine features on the development of turbines via micro-silting, treatment of workings and or deepening of foundations. Note that such measures could present a risk to the environment and controlled waters. This should be considered within the Environmental Statement. The Environmental Statement refers to

consideration of subsequent impacts to groundwater flows following grouting, but it does not consider impacts to groundwater and surface water quality.

Note that specific permissions are sometimes required to drill within coal mine areas.

The Local Authority should be consulted upon risks associated with mine gas.

We welcome that this section of the report suggests consideration of impact upon groundwater as a result of foundation design. More detail however should be included within the Environmental Statement as this could have significant impact upon groundwater quality and quantity depending upon the hydrogeological regime.

#### General Comments

10.2 – Legislation, Policy and National Guidance - we recommend referring to Wellbeing of Future Generations Act 2015, Environmental Permitting Regulations 2016 and the Water Resources Act 1991.

We also note that within Table 10.1 Scottish guidance is referenced, where possible ensure Wales specific guidance is being referenced and referred to during report production. It is recognised however that there isn't always Wales specific guidance available.

#### **Landscape**

We have reviewed the following documents:

- NRW forestry visuals letter 23.06.22: A letter giving context on the requirement for including forestry in the SLVIA and detailing how we propose to do this.
- Figure – Lines of Sight over NRW Long Term Felling Plan: An example figure showing the lines of sight from VP2 to visible turbines, overlaying the NRW Long Term Felling Plan.
- Example Photowire (VP2 – Maesteg Golf Course): An example visual figure with photowire of turbines showing 'bare earth' worst case scenario over the photomontage for this viewpoint

We welcome the submitted information, which will assist in interpreting and relating the visualisations to the Forest Design Plan (FDP). We note that none of the viewpoints selected are within the National Park or Areas of Outstanding Natural Beauty (AONB).

The forestry visuals letter dated 23.06.22 appears to contradict by saying that the removal of forestry associated with the wind farm (if visible) will only be illustrated on the photomontages and then saying that removal of forestry shown on the FDP not directly associated with Y Bryn Wind Farm or outside the site boundary will be illustrated where deemed necessary. It then says felling associated with Y Bryn will be shown on photomontages if applicable. A consistent approach should be adopted.

We agree with the approach taken in the methodology and offer the following observations based on the example Viewpoint 2 information.

We advise that clarity is ensured on the descriptions of the FDP key, for example, the dark orange areas referred to are Low Impact Silvicultural System (LISS); the light orange are Clearfell 2027-31.

Consider reference to estimated height and annual growth rates in relation to age. For example, in relation to T7 and T8 the text says that the young crops will duplicate the screening of the two felled coupes harvested in 2027, it would be prudent to note the height of the young crops now in relation to the crop to be harvested as seen in the view and whether they grow sufficiently to replace the screening by 2027. Similarly, the statement that the replanting of the two closer felled areas would provide screening from 2031 onwards i.e., after 5 years growth.

The northern section text states that the coupes planted in 2004 and 2014 will grow and reimpose a degree of screening as current to T4 and the Minimal Intervention and LISS coupes will also contribute to the screening of T4, and T6. Should this refer to T4 and T1?

T5 and T6 are also fronted by an orange Clearfell 2027-31 area so confirmation should be provided on whether the young crops around the turbines provide the same degree of screening by 2027 as the felled crop do now.

We would advise marking a line/hatching on the photomontage showing the felling and the subsequent growth of the young crop, so it is possible to visualise the difference, or lack of difference.

We would advise a hatched outline to the turbines to show that they are behind the tree screen, not in front e.g., T7 and T8 and a solid line where they are visible above the tree line.

#### **Provision of Data**

In addition to the above, please note, we can also provide certain data free of charge, as set out in our [Open Data Policy](#). Customers can [access our data via our website](#).

Please note the view expressed in this letter is a response to a pre-planning enquiry only. We trust these comments will prove helpful, but they should not set a precedent for any future Natural Resources Wales' response to any formal application for planning permission or other legal consent. Such applications shall be assessed on the information submitted and regulations of relevance at that time. The details contained in this letter are based on the information available to date.

As part of our discretionary advice service, we can provide further advice relating to land contamination, groundwater and flood risk prior to your planning application being submitted. There is a charge for this service. Further details are available on our website.

Design 6: Design Freeze Layout – January 2023

Yn ddiffuant / Yours sincerely

Lisa Jones

Gynghorydd - Cynllunio Datblygu / Advisor - Development Planning  
E-bost/E-mail: [REDACTED]

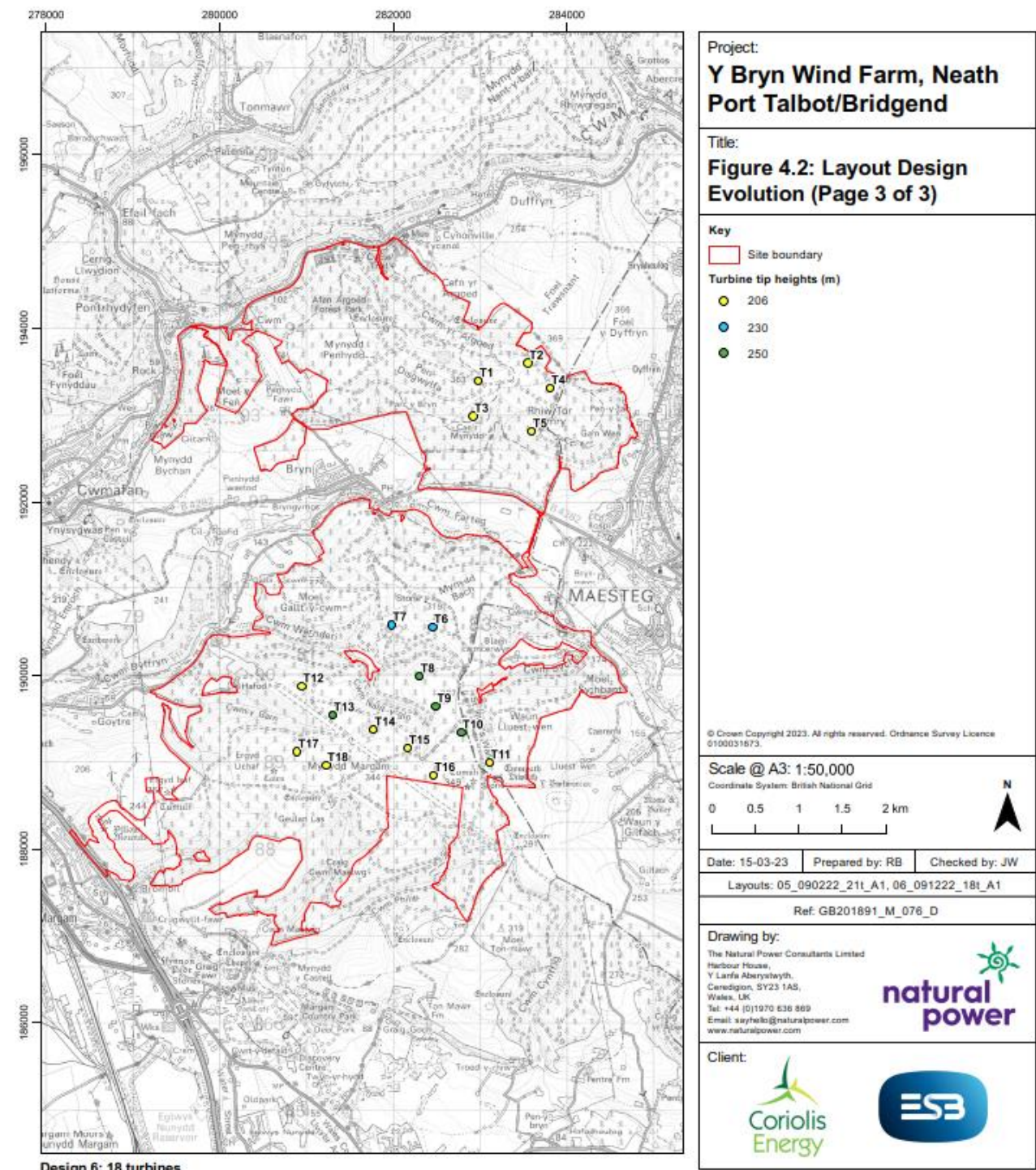


Figure A3.3.5: Design freeze layout for Y Bryn Wind Farm

A3.3.67 NPTCBC PRE-APPLICATION ADVICE RESPONSE TO NP –NPTCBC – JANUARY 2023

Megan Griffiths

**From:** Joel Fullwood  
**Sent:** 16 January 2023 09:37  
**To:** Joanna Weeks  
**Subject:** RE: SP2022/0021 - Y Bryn Windfarm Port Talbot

Hi Joana,  
Apologies for the delayed response.  
Thanks for getting this over to me, the comments are very helpful and have been forwarded on to the project lead.

Kind regards  
Joel

**From:** Joanna Weeks <[REDACTED]>  
**Sent:** 13 January 2023 08:33  
**To:** Joel Fullwood <[REDACTED]>  
**Cc:** T [REDACTED]; Rafe Osborne <[REDACTED]>; Justin W. Griffiths <[REDACTED]>  
**Subject:** SP2022/0021 - Y Bryn Windfarm Port Talbot

Hi Joel,

Once again apologies for the delay, in our response.

Please find below our initial comments on the proposed SAB scheme for the Y Bryn Windfarm, Port Talbot. It is fully appreciated that it is very early in the SAB design process and that the information submitted is general in principle. To assist in the provision of any future submissions, I have attached a copy of the SAB Pre-App Response form that we generally use as a basis for scheme assessment and to respond to SAB pre-applications. This will assist in the level/type of information that we expect to see in more developed SAB Pre-Application submission, prior to a full SAB Application being presented to the SAB. Our aim as a SAB, is to ensure the system is front loaded at the pre-application stage, to enable a smooth approval process when the full application is submitted.

General Comments

- In general, the application states that the development will implement SuDS features with a priority for infiltration and discharge to existing watercourses. However, it is difficult to comment further until the proposals have been developed in more detail.
- If infiltration is used, permeability testing will be required in accordance with BRE365.
- The information supplied so far contains good intentions. However, details specific to each of the 21 sites will be required. For Example detailed drainage design for each of the wind turbine locations and any mitigation measures are to be detailed to adhere to the SuDS standards.
- Drainage consideration will be required for all temporary and permanent areas of construction/hardstanding areas for cranes and or supporting infrastructure etc.

- It is recommended that we attend for a walkover of some of the site to get a better understanding of the topography and especially where the M4 slip will be located.
- From a Biodiversity and Amenity point of view we are satisfied at this stage, that the proposals will support and protect the natural local habitats and will contribute to the delivery of the local biodiversity objectives.

I hope this is of assistance. However, should you require any further information please get in touch.

Kind regards,

Joanna Weeks

SAB & Highway Development –Team Manager (East) / SAB & Datblygu Priffyrdd Arweinydd Tim (Dwyrain)  
SAB & Highway Development Control / SAB & Rheoli Datblygu Priffyrdd  
Neath Port Talbot County Borough Council/ Cyngor Bwrdeistref Sirol Castell-nedd Port Talbot

We welcome correspondence in Welsh and will deal with Welsh and English correspondence to the same standards and timescales.  
Croesewir gohebiaeth yn y Gymraeg a byddwn yn ymdrin â gohebiaeth Gymraeg a Saesneg i'r un safonau ac amserlenni



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A3.3.68 AVIATICA CONSULTATION WITH NPAS ON REVISED LIGHTING SCHEME – NPAS – FEBRUARY 2023

Page 1 of 2

From: "Watts, Paul" <[REDACTED]>  
To: [REDACTED]  
Subject: FW: NPAS St Athan wind farm consultation  
Date: Wed, 1 Feb 2023 07:44:49 +0000

Hi Malcolm,

Please see the attached comments from Capt Paul Maddox, who is our Senior Pilot at NPAS St Athan.

Best regards  
Paul  
Capt Paul Watts MSC  
Head of Flight Operations/ Pennaeth Gweithrediadau Hedfan  
National Police Air Service/ Gwasanaeth Awyr Cenedlaethol yr Heddlu

Mobile: [REDACTED]  
Email: [REDACTED]  
Web: [www.npas.police.uk](http://www.npas.police.uk)

-----Original Message-----  
From: Maddox, Paul <[REDACTED]>  
Sent: 31 January 2023 11:01  
To: Watts, Paul <[REDACTED]>  
Subject: FW: NPAS St Athan wind farm consultation

Paul,

The only observation I would make is the lighting on turbines 16 & 18 are noted IR only.  
We would request these are 2000 candela & IR to completely ring the turbine cluster for mortal and NVIS operations.

On a separate note  
A crew were recently night flying on NVIS and noticed turbines in the Rhigos area without IR/white light at the top but IR lights at the bottom.  
Could the developer confirm if they've fitted IR security lights/cameras at the base of any turbines.

Regards

Capt Paul Maddox  
St Athan Senior Pilot  
National Police Air Service

Phone: [REDACTED]  
Mobile: [REDACTED]

Web: <https://eur03.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.npas.police.uk%2F&data=05%7C01%7CPaul.Watts%40npas.police.uk%7Cfbaacbef1b584993d3d608db037a5e72%7C681f73102191469b8ea0f76b4a7f699f%7C0%7C0%7C638107596507217465%7CUnknown%7CTWFpbGZsb3d8eyJWljoic4wLjAwMDAilCJQljoicV2luMzliLjBTIl6lk1haWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=1JBKIV7of0Aruq%2BnSAXaKmpu1OisNkl53q9K5uVEmSq%3D&reserved=0>

-----Original Message-----  
From: Watts, Paul <[REDACTED]>  
Sent: 31 January 2023 07:42

file:///C:/Users/44771/AppData/Local/Temp/eud8.htm

14/03/2023

To: Maddox, Paul <[REDACTED]>  
Subject: FW: NPAS St Athan wind farm consultation

Hi Paul,

Do have any comment regarding this amended proposal?

Regards  
Paul  
Capt Paul Watts MSC  
Head of Flight Operations/ Pennaeth Gweithrediadau Hedfan National Police Air Service/ Gwasanaeth Awyr  
Cenedlaethol yr Heddlu

Mobile: 07917192226  
Email: [REDACTED]  
Web: <https://eur03.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.npas.police.uk%2F&data=05%7C01%7CPaul.Watts%40npas.police.uk%7Cfbaacbef1b584993d3d608db037a5e72%7C681f73102191469b8ea0f76b4a7f699f%7C0%7C0%7C638107596507217465%7CUnknown%7CTWFpbGZsb3d8eyJWljoic4wLjAwMDAilCJQljoicV2luMzliLjBTIl6lk1haWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=1JBKIV7of0Aruq%2BnSAXaKmpu1OisNkl53q9K5uVEmSq%3D&reserved=0>

-----Original Message-----  
From: Malcolm Spaven <[REDACTED]>  
Sent: 30 January 2023 17:16  
To: Watts, Paul <[REDACTED]>  
Subject: RE: NPAS St Athan wind farm consultation

Hi Paul

I hope this finds you well.

Back in November 2021 we had some exchanges (copied below) about the proposed Y Bryn wind farm in South Wales.

Due to other planning constraints the developer is now having to re-configure the layout of the wind farm, which is reduced from 21 to 18 turbines. As a result we are proposing to change the lighting scheme too.

I have attached graphics showing the proposed new lighting scheme on 1:50k OS and 1:250k CAA chart basemaps, plus an Excel file with the turbine numbers, tip heights and proposed lighting configurations.

I'd be very grateful if you could take a look at these and let me know whether the proposed scheme will meet the needs of your St Athan-based crews.

Thanks and regards

Malcolm

file:///C:/Users/44771/AppData/Local/Temp/eud8.htm

14/03/2023