



## Wylfa Newydd Project

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## Executive Summary

This document forms the Off-~~site~~Site Power Station Facilities sub-Code of Construction Practice (CoCP) within the Wylfa Newydd Development Consent Order (DCO) Project. It details site-specific measures that are to be taken to mitigate the environmental effects of the construction works of the Off-~~site~~Site Power Station Facilities.

The Off-~~site~~Site Power Station Facilities comprise the Mobile Emergency Equipment Garage (MEEG), Alternative Emergency Control Centre (AECC) and the Environmental Survey Laboratory (ESL).

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# 1 Introduction

## 1.1 General

- 1.1.1 ~~As the~~The Wylfa Newydd DCO Project covers a number of discrete locations. ~~As such,~~ the overarching Wylfa Newydd Code of Construction Practice (CoCP) ~~[REP2-031]~~ covers project-wide aspects of the Wylfa Newydd DCO Project ~~regardless of site/location at all sites in the Order Limits.~~ Sub-CoCPs are provided for each location and underpin the Wylfa Newydd CoCP ~~[REP2-031]~~. Sub-CoCPs provide only the controls relevant ~~specifically~~ to that particular location.
- 1.1.2 This document forms the Off-~~site~~Site Power Station Facilities sub-CoCP within the Wylfa Newydd DCO Project, and details site-specific measures that are to be taken to mitigate the environmental effects of the construction works of these Off-~~site~~Site Power Station Facilities.
- 1.1.3 The Off-~~site~~Site Power Station Facilities comprise the Mobile Emergency Equipment Garage (MEEG), Alternative Emergency Control Centre (AECC) and the Environmental Survey Laboratory (ESL).
- 1.1.4 A plan of the location of the site is shown in figure 1-1.
- 1.1.5 The principal works associated with this sub-CoCP are as follows:
- establish the site compound in the portable cabin office area;
  - demolish three existing buildings on site and single-storey house in the south-west corner of the site;
  - strip topsoil and subsoil (as required);
  - form foundations for the MEEG/AECC building and the ESL building;
  - undertake drainage and utility works;
  - form the new road surface moving east to west including installation of the surface water storage tank and drainage;
  - erect the MEEG/AECC building, followed by the ESL building;
  - form pedestrian routes within the site and parking areas; and
  - undertake soft landscaping.
- 1.1.6 Site-specific measures to mitigate the effects of the construction works are detailed within this sub-CoCP. Where the requirements of construction practice are covered adequately by the Wylfa Newydd CoCP ~~[REP2-031]~~, those requirements are not repeated in this sub-CoCP. Therefore, where no site-specific controls are specified here, reference should be made to the Wylfa Newydd CoCP ~~[REP2-031]~~. In the event of a conflict between the Wylfa Newydd CoCP ~~[REP2-031]~~ and this sub-CoCP, the commitments in this sub-CoCP prevail.
- 1.1.7 This sub-CoCP sets out the site-specific controls to be complied with, covering the following aspects of the Wylfa Newydd DCO Project construction:
- communications and community and stakeholder liaison;



- general site management;
- traffic and transport;
- public access management;
- air quality;
- noise and vibration;
- waste and materials management (including soils and land contamination);
- water management;
- ecology and landscape management; and
- cultural heritage.

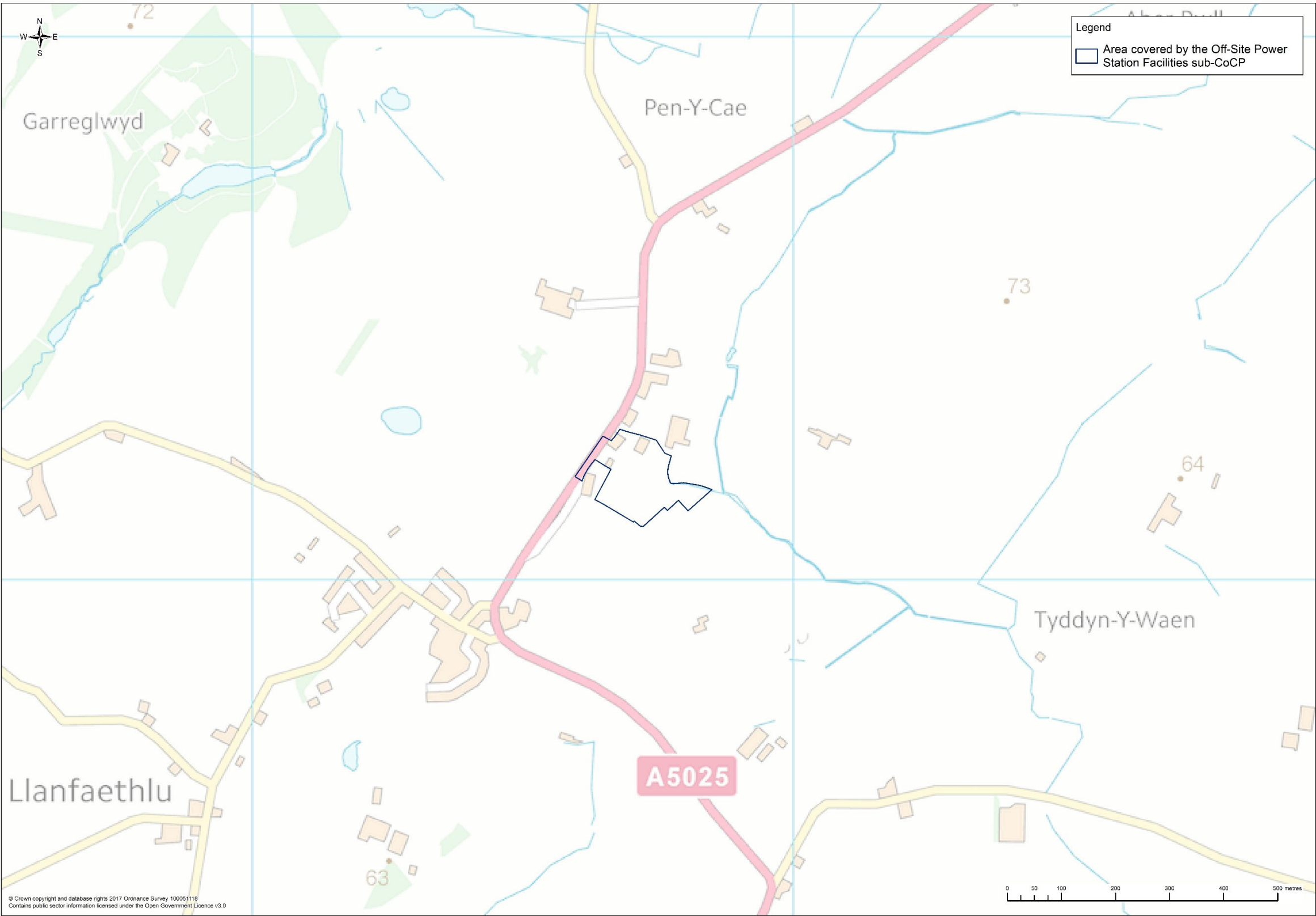
1.1.8 The Off-~~site~~Site Power Station Facilities sub-CoCP should be read together with the Wylfa Newydd CoCP ~~[REP2-034]~~ to understand the full suite of controls for the Off-~~site~~Site Power Station Facilities.

1.1.9 For the purposes of this sub-CoCP, the term 'Horizon' refers to Horizon Nuclear Power Wylfa Ltd (or any other undertaker to whom the benefit of the Wylfa Newydd (Nuclear Generating Station) Order (Order) is transferred to under Article 9 of the Order), its appointed representatives and the appointed construction contractors.

1.1.10 Where this sub-CoCP refers to Horizon application documents, the Examination Library reference has been provided. External documentation available in the public domain is referenced in section 13 of this sub-CoCPs. Those documents that are 'certified documents' pursuant to Article 76 of the Order and listed in Schedule 18 of the Order are not provided a reference for the purposes of this sub-CoCPs.

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Figure 1-1 Off-siteSite Power Station Facilities site boundary



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## 2 Approach to environmental management

### 2.1 General

- 2.1.1 This section is included here to maintain the structure of this sub-CoCP in accordance with the Wylfa Newydd CoCP ~~[REP2-031]~~, in order to enable easier cross-referencing between the two documents and other sub-CoCPs. Refer to section 2 of the Wylfa Newydd CoCP ~~[REP2-031]~~ for full information on Horizon's approach to environmental management which is consistent across the Wylfa Newydd DCO Project.

### 3 Communications and community/stakeholder liaison management strategy

#### 3.1 General

- 3.1.1 Horizon's communications and community/stakeholder liaison management strategy is based on the ~~requirements~~controls set out in the Wylfa Newydd CoCP ~~[REP2-031]~~ and any further ~~requirements~~controls set out in this sub-CoCP and the DCO s. 106 agreement. .
- 3.1.2 The general mitigation controls to be implemented for communications and community/stakeholder liaison are described in section 3 of the Wylfa Newydd CoCP ~~[REP2-031]~~.
- 3.1.3 In addition, the measures below outline specific measures to be implemented during construction of the Off-~~site~~Site Power Station Facilities.

#### 3.2 Site-specific communications

- 3.2.1 In keeping with section 3.2 of the Wylfa Newydd CoCP ~~[REP2-031]~~, Horizon will notify occupiers of nearby properties and particularly Llanfaethlu Primary School at least two weeks in advance of construction works taking place, including the type and duration of the activity. This will ensure occupiers are notified of construction activities that might result in increased noise or disturbance. As part of notifications, neighbours will also be advised of ~~Horizon's~~the Community Involvement ~~Officer~~Officers (to be appointed by agreement between Horizon and the IACC in accordance with the DCO s.106 agreement) and the complaints register in the event that they might wish to lodge a complaint regarding construction.

## 4 General site management strategy

### 4.1 General

- 4.1.1 Horizon's general site management strategy is based on the ~~requirements~~controls set out in the Wylfa Newydd CoCP ~~[REP2-031]~~ and any further controls set out in this sub-CoCP.
- 4.1.2 The general mitigation ~~requirements~~controls to be implemented for site management are described in section 4 of the Wylfa Newydd CoCP ~~[REP2-031]~~.
- 4.1.3 In addition, the measures below outline specific measures to be implemented during construction of the Off-~~site~~Site Power Station Facilities.

### 4.2 Working hours

- 4.2.1 There will be no construction works at the Off-Site Power Station Facilities site outside of the following working hours in accordance with the daytime normal hours set out in ~~BS5228~~BS 5228-1 *Code of practice for noise and vibration control on construction and open sites* [RD1]:
- Monday ~~—~~ Friday: 07:00 ~~—~~ 19:00; and
  - Saturday: 07:00 ~~—~~ 13:00.
- 4.2.2 ~~No~~There will be no construction works ~~are proposed~~ during the evening and/or night-time periods or during Saturday afternoons, Sundays, Bank Holidays and Public Holidays (which consist of New Year's Day, Good Friday, Easter Monday, Christmas Day and Boxing Day) ~~), except as may be provided for in paragraph 4.2.3.~~
- 4.2.3 If Horizon identifies that construction works are or are likely to be required at the Off-Site Power Station Facilities site outside of the working ~~hour~~times specified in paragraphs 4.2.1 and 4.2.2, Horizon will apply to the Isle of Anglesey County Council (IACC) for consent under ~~section~~Section 61 of the Control of Pollution Act 1974 to undertake those construction works. No such construction works may be undertaken prior to ~~section~~Section 61 consent being granted by the IACC.

### 4.3 Lighting

- 4.3.1 The lighting used during construction of the Off-~~site~~Site Power Station Facilities will be designed to reduce light spill and limit the effects on both habitats of most value to sensitive ecological receptors, and human receptors (for example local communities).

#### **Off-Site Power Station Facilities Construction Lighting Scheme**

- 4.3.2 Prior to commencement of construction at the Off-Site Power Station Facilities site, Horizon will prepare and submit for approval an Off-Site Power Station Facilities Construction Lighting Scheme ~~for the WND~~A in accordance with the Requirements in Schedule 3 and Schedule [21] of the ~~Draft DCO~~Order. The

Off-Site Power Station Facilities Construction Lighting Scheme will be prepared in accordance with the principles set out in section 4.5 of the Wylfa Newydd CoCP. The approved ~~pursuant to the DCO Requirements~~ Off-Site Power Station Facilities Construction Lighting Scheme (or any approved variations) will be implemented for the duration of the construction ~~period of~~ the Off-Site Power Station Facilities.

## **4.4 Security**

- 4.4.1 Site security and a secure fenced boundary will be incorporated into the site design to ensure safe and secure construction of the facility as well as acting as a mitigation measure to deter crime.

## 5 Traffic and transport management strategy

### 5.1 General

- 5.1.1 Horizon's traffic and transport management strategy is based on the ~~requirements~~controls set out in the Wylfa Newydd CoCP ~~[REP2-031]~~ and any further controls set out in this sub-CoCP.
- 5.1.2 The general mitigation controls to be implemented for traffic and transport are described in section 5 of the Wylfa Newydd CoCP ~~[REP2-031] and any further requirements set out in this sub-CoCP.~~
- 5.1.3 There are no further site-specific mitigation measures for the Off-~~site~~Site Power Station Facilities relating to traffic and transportation, other than those contained in other sections of this document relating to specific aspects of traffic and transportation (such as air quality).



## 6 Public access management strategy

### 6.1 General

- 6.1.1 Horizon's public access management strategy is based on the requirements set out in the Wylfa Newydd CoCP ~~[REP2-031]~~ and any further controls set out in this sub-CoCP.
- 6.1.2 The general mitigation controls to be implemented for public access are described in section 6 of the Wylfa Newydd CoCP ~~[REP2-031]~~.
- 6.1.3 There are no further site-specific controls in relation to public access and recreation for this sub-CoCP, other than those contained in other sections of this sub-CoCP (i.e. air quality, noise and vibration, ecology and landscape).

## 7 Air quality management strategy

### 7.1 General

- 7.1.1 Mitigation to reduce pollutant emissions is based on the requirementscontrols set out in the Wylfa Newydd CoCP ~~{REP2-031}~~ and any further controls set out in this sub-CoCP.
- 7.1.2 The general mitigation controls to be implemented for air quality are described in section 7 of the Wylfa Newydd CoCP ~~{REP2-031}~~.
- 7.1.3 In addition, the measures below outline specific measures to be implemented during construction of the Off-~~site~~Site Power Station Facilities.

### 7.2 Dust emissions

- 7.2.1 Earthworks and exposed areas/soil stockpiles will be revegetated to stabilise surfaces as soon as practicable.
- 7.2.2 Where it is not possible to revegetate or cover with topsoil, as soon as practicable, alternative methods of dust suppression will be used.
- 7.2.3 Where practicable, soil cover will only be removed in small areas during work and not all at once.
- 7.2.4 Buildings to be demolished will be soft stripped inside to provide a screen against dust.
- 7.2.5 On-site haul routes or areas regularly traversed by construction plant and vehicles will be inspected regularly for integrity and any necessary repairs will be made to the surface as soon as reasonably practicable.
- 7.2.6 Hard-surfaced haul routes will be installed, where practicable and will be damped down with fixed or mobile sprinkler systems, or mobile water bowsers, and regularly cleaned.
- 7.2.7 An adequate area of hard-surfaced road between the wheel-wash facility and the site exit will be provided, wherever site size and layout permits.
- 7.2.8 Horizon will avoid explosive blasting, using appropriate manual or mechanical alternatives.
- 7.2.9 Maximum speed limit of vehicles on surfaced and unsurfaced roads will be set so as to secure health and safety of workers and keep airborne dusts within acceptable limits for sensitive receptors.
- 7.2.10 Horizon will undertake dust deposition monitoring at two locations close to the nearest human receptors to the north-east and north-west of the site boundary, or the nearest possible secure location. These monitoring locations will be agreed with the local authority.
- 7.2.11 Being retrospective, the dust deposition monitoring will form a secondary control mechanism to the primary monitoring control mechanisms (i.e. regular on-site and off-site inspection, recording of dust complaints and the subsequent responses to any issues identified by these processes) and will be used to:

- provide a quantification of the dust deposition to support the primary monitoring controls and good practice dust mitigation and control measures;
- assist in identifying specific work areas or processes where refinements are required to the working practices and dust controls;
- corroborate dust complaints which occurred during the sampling period; and
- understand if there are smaller or more gradual longer-term increases in dust deposition which may lead to loss of amenity and result in complaints.

7.2.12 The following checks and reviews will be implemented by the ~~person or team responsible for the environmental monitoring~~ Site Director following advice of the Environmental Management Team once the dust deposition data have been received from the laboratory, collated and an exceedance of the amber or red trigger identified:

- check the observations in the laboratory test report for anything unusual about the sample which indicates it may not be valid;
- review the on-site and off-site visual inspection records to check if these identified any visible dust emissions from site activities or any noticeable dust deposition at off-site locations, and correlate these to the monitoring location(s) with the dust deposition trigger exceedance(s);
- review the complaints log to check if there were complaints of dust during the sampling period and if these are in areas represented by the monitoring location(s) (or downwind of these areas) with the dust deposition trigger exceedance(s);
- review the actions undertaken in response to the visual inspections and dust complaints and the specific outcomes of those actions;
- if needed, review the meteorological conditions for the sampling period (e.g. wind speed and direction, rainfall and general observations) and if there were weather conditions which could potentially increase dust emissions from the site (e.g. very dry conditions with high wind speeds);
- record the outcome of the above review, for example using the following options (other outcomes are possible):
  - another localised or regional source was the likely cause of the elevated dust deposition measurements – no further action;
  - site activities or sources were the likely cause of the elevated dust deposition measurements;
  - the measured elevated dust deposition rate(s) was likely due to specific site activities or sources which were identified via the primary monitoring control mechanisms (i.e. visual inspections or dust complaints) and was addressed at the time of occurrence;

- there were no obvious or discernible site activities or sources which were identified via the primary monitoring control mechanisms (i.e. there were no visual inspections or dust complaints which highlighted the potential for elevated dust deposition rates at or close to the monitoring locations which recorded the elevated dust deposition rates).

7.2.13 The IACC will be informed of the outcome of ~~the review and, if any review undertaken in accordance with paragraph 7.2.12. If~~ required, further discussions would be arranged with the IACC to review existing and future site operations ~~and, as well as~~ agree the extent of further review or actions. This would be informed by consideration of key statistics such as the trend in the measured dust deposition rates, the trend or pattern of complaints in relation to site operations (if any) or other related metrics or information which could inform the review process (e.g. the proposed schedule of works and activity levels in the areas closest to the measured elevated dust deposition rates).

### 7.3 Air quality reporting

7.3.1 ~~Regular~~ Horizon will provide monthly air quality monitoring reports ~~will be made~~ to the IACC and Natural Resources Wales (NRW). These reports will contain a summary of the dust deposition monitoring results and key statistics for the monitoring period, number and type of complaints received and a summary of actions taken to resolve any issues. The ~~report~~ reports will also be made available online to be viewed by other parties and members of the public in line with the Wylfa Newydd engagement framework – see the Wylfa Newydd CoCP ~~[REP2-031]~~.

7.3.2 ~~The reports will be issued on a monthly basis.~~ The frequency of ~~the~~ reporting required under paragraph 7.3.1 will be kept under review with the IACC and NRW and may reduce in frequency based on the potential for adverse air quality effects or if the monitoring data, including visual inspections and complaints data, support this.

## 8 Noise and vibration management strategy

### 8.1 General

- 8.1.1 Horizon's noise and vibration management strategy is based on the ~~requirements~~controls set out in the Wylfa Newydd CoCP ~~[REP2-034]~~ and any further controls set out in this sub-CoCP.
- 8.1.2 The general mitigation controls to be implemented for noise and vibration are described in section 8 of the Wylfa Newydd CoCP ~~[REP2-034]~~.
- 8.1.3 In addition, the measures below outline specific measures to be implemented during construction of the Off-~~site~~Site Power Station Facilities.

### 8.2 Noise and vibration control measures

- 8.2.1 Specific control measures will be implemented to reduce noise from plant and machinery during the daytime period. These will include increasing the height of the solid site hoarding-style fencing, to create up to a 3.6m barrier on the site perimeter. This hoarding will comprise acoustically reflective materials. In addition, temporary mobile barriers will be used to screen specific plant or activities, quieter plant will be selected, and working methods altered in order to reduce noise from plant or machinery. The final measures to be adopted will be determined through an application for prior consent under the Section 61 of the Control of Pollution Act 1974 application which will be made to the IACC in advance of the works commencing.
- 8.2.2 Horizon will undertake a vibration risk assessment as part of the Section 61 application for any construction activity involving vibratory or impact equipment (such as vibratory rollers) to be used at the Off-~~site~~Site Power Station Facilities. This assessment will establish safe working distances for receptors in relation to construction vibration. This will ensure that any equipment that is identified as having potentially adverse vibration effects can be located sufficiently away from any sensitive receptors, so that any effects on such receptors can be reduced to negligible.
- 8.2.3 Where works are required within the safe working distances, alternative equipment or working methods will be investigated and vibration levels will be reduced to the greatest extent practicable. The Section 61 applications will also describe appropriate vibration monitoring ~~will~~to be carried out at the closest receptors to determine the success of these requirements.
- 8.2.4 Monitoring at locations representative of noise-sensitive receptors during construction will ensure noise levels remain within the permitted levels under the Section 61 ~~approval~~consent. The Section 61 application will set out the thresholds and details of the monitoring programme including monitoring equipment, locations, and personnel. The proposed monitoring programme is likely to involve a combination of continuous and short-term spot check measurements, and review of initial results in order to determine any ongoing monitoring requirements. All monitoring results will be made available to the IACC.

- 8.2.5 Solid site hoarding-style perimeter fencing, will be increased from 1.8m (embedded design) to up to 3.6m high, ~~as may be determined if required~~ by ~~the~~ Section 61 consent to be ~~agreed with~~approved by the IACC, to provide additional screening over the embedded design.
- 8.2.6 In choosing the location of the contractor's compound, the distance to noise-sensitive receptors will be taken into account so that distances between noise sources and noise sensitive receptors are as great as practicable.

## 9 Waste and materials management strategy, including soils and land contamination

### 9.1 General

- 9.1.1 Horizon's waste and materials management strategy is based on the ~~requirements~~controls set out in the Wylfa Newydd CoCP ~~[REP2-031]~~ and any further controls set out in this sub-CoCP.
- 9.1.2 The general mitigation controls to be implemented for waste and materials are described in section 9 of the Wylfa Newydd CoCP ~~[REP2-031]~~.
- 9.1.3 In addition, the measures below outline specific measures to be implemented during construction of the Off-~~site~~Site Power Station Facilities.

### 9.2 Waste and materials management

~~9.2.1 The controls related to waste management that are relevant to the Off-site Power Station Facilities include:~~

- ~~• pre-demolition audit of the existing buildings, structures and infrastructure that will be demolished or excavated;~~
- ~~• disposal of organic matter associated with vegetation clearance, especially Invasive Non-Native Species;~~
- ~~• disposal of soils, made ground or materials deemed unsuitable for use due to contamination;~~
- ~~• disposal of excavated or demolished inert materials not suitable for use;~~
- ~~• disposal of tyres, vehicles, plant, batteries, fluids, fuels, hydraulics, equipment, electrics, electronics and lighting in accordance with the suite of end-of-life regulations;~~
- ~~• disposal of temporary fencing, lighting and associated cables; and~~
- ~~• disposal of gas cylinders and tanks.~~

~~9.2.2~~9.2.1 Management of all materials arising from the construction of Off-~~site~~Site Power Station Facilities will be in accordance with the requirements set -out in the Wylfa Newydd CoCP ~~[REP2-031]~~, this sub-CoCP, and in accordance with *The Definition of Waste: Development Industry Code of Practice* [RD2].

~~9.2.3~~9.2.2 Horizon will ensure that, during the remediation works for asbestos-containing materials, continuous air monitoring and testing will be undertaken by a certified P403 (Asbestos Fibre Counting) and P404 (Air Sampling and Clearance Testing for Asbestos) analyst who will be on-site to carry out the fibre monitoring.

~~9.2.4~~9.2.3 If asbestos-containing materials are discovered in buildings, further intrusive surveys will be necessary in some buildings when vacated. Horizon will carry out further surveys and arrange for the removal and disposal of asbestos-containing materials as necessary.

## 9.3 Land contamination

9.3.1 ~~Good~~Horizon will implement the following good practice mitigation during construction ~~will include the implementation of a number of measures to~~further reduce risks to human health and the environment. ~~These will include the measures set out below.~~

- A ground investigation with appropriate sampling for chemical analysis will be undertaken prior to construction, followed by a risk assessment. If the risk assessment identifies the need for remediation, a remediation strategy will be prepared in accordance with the requirements of *Contaminated Land Report 11: Model Procedures for the Management of Land Contamination* [RD3]. Any remediation will be designed to mitigate risks from contamination and reduce effects to receptors during construction and operation.
- A contamination watching brief will be carried out by suitably qualified and experienced personnel during excavation works so that any areas of unexpected contamination will be identified as soon as practicable.



## 10 Water management strategy

### 10.1 General

- 10.1.1 Horizon's water management strategy is based on the ~~requirements~~controls set out in the Wylfa Newydd CoCP ~~[REP2-034]~~ and any further controls set out in this sub-CoCP.
- 10.1.2 The general mitigation controls to be implemented for water management are described in section 10 of the Wylfa Newydd CoCP ~~[REP2-034]~~.
- 10.1.3 In addition, the measures below outline specific measures to be implemented during construction of the Off-~~site~~Site Power Station Facilities.

### 10.2 Fuel storage

- 10.2.1 All fuel storage (above-ground and below-ground) will be within engineered containment facilities including suitably bunded tanks, and will comply with ~~the~~The Association for Petroleum and Explosives ~~Administration (APEA)~~ ~~guidance including their~~Administration's 'Blue Book' guidance [RD4].

## 11 Ecology and landscape management strategy

### 11.1 General

- 11.1.1 Horizon's ecology and landscape management strategy is based on the requirements~~controls~~ set out in the Wylfa Newydd CoCP ~~[REP2-031]~~, any further controls set out in this sub-CoCP and ~~Horizon's~~the Landscape and Habitat Management Strategy ~~[REP2-039]~~.
- 11.1.2 The general mitigation controls to be implemented for ecology and landscape are described in section 11 of the Wylfa Newydd CoCP ~~[REP2-031]~~.
- 11.1.3 In addition, the measures below outline specific measures to be implemented during construction of the Off-~~site~~Site Power Station Facilities.

### 11.2 Site-specific requirements

- 11.2.1 A landscape establishment/planting period will commence on completion of the construction works. Horizon will undertake quarterly landscape site inspections for a five-year period, followed by annual inspections for the second five-year period (total 10 year) in order to ensure landscaping has established appropriately. In the event that these inspections identify that planting has not established, replacement planting on a like-~~for~~-like basis will be undertaken at the first available planting season.
- 11.2.2 The following landscape management techniques will be used as appropriate:
- species-rich grassland – grass cutting and weed control;
  - native hedgerow with trees – pruning, hedge cutting, weed control, treatment of arisings, replanting of gaps and accommodating trees when cutting; and
  - dense planting/woodland – pruning, hedge cutting, weed control, treatment of arisings and chemical treatments.
- 11.2.3 Planting will be maintained to keep a 3m distance from the security fence.

### 11.3 Trees and hedgerows

- 11.3.1 In order to establish baseline information, prior to construction works taking place at the Off-Site Power Station Facilities, Horizon will organise pre-commencement tree and hedgerow surveys to be undertaken by suitably qualified and experienced personnel in line with guidance provided in BS 5837:2012 [RD5].

### ~~11.3~~11.4 Water vole

- ~~11.3~~11.4.1 Pre-construction surveys will be completed by an Ecological Clerk of Works before any works in close proximity to habitats with the potential to support water vole. If required, avoidance measures will involve the micro-siting of works to not disturb places of water vole shelter or refuge. Should this not be possible, NRW will be consulted with regard to the need to obtain a Conservation Licence to allow works to go ahead.

## **11.411.5 Otter**

~~11.4.1~~11.5.1 Pre-construction surveys will be completed by an ~~ECoW~~Ecological Clerk of Works before any works in close proximity to habitats with the potential to support otter. If required, avoidance measures will involve the micro-siting of works to not disturb areas including any otter holts or laying-up sites. Should this not be possible, NRW will be consulted with regard to the need to obtain a European Protected Species Mitigation Licence to allow works to go ahead.

## **11.511.6 Bats**

~~11.5.1~~11.6.1 A pre-demolition bat survey will be carried out for any building with low, medium or high roost potential prior to its demolition. This will take place in accordance with best practice guidance and will consist of a dusk emergence survey followed by a dawn re-entry survey, before demolition is due to take place. If no bats are recorded leaving or entering the building, then it will be demolished that day. If bats are recorded using the building, then demolition will be postponed until a European Protected Species Mitigation Licence is obtained.

## 12 Cultural heritage management strategy

### 12.1 General

- 12.1.1 Horizon's cultural heritage management strategy is based on the ~~requirements~~controls set out in the Wylfa Newydd CoCP ~~[REP2-031]~~ and any further controls set out in this sub-CoCP.
- 12.1.2 The general mitigation controls to be implemented for cultural heritage are described in section 12 of the Wylfa Newydd CoCP ~~[REP2-031]~~.
- 12.1.3 In addition, the measures below outline specific measures to be implemented during construction of the Off-~~site~~Site Power Station Facilities.

### 12.2 Site-specific mitigation measures

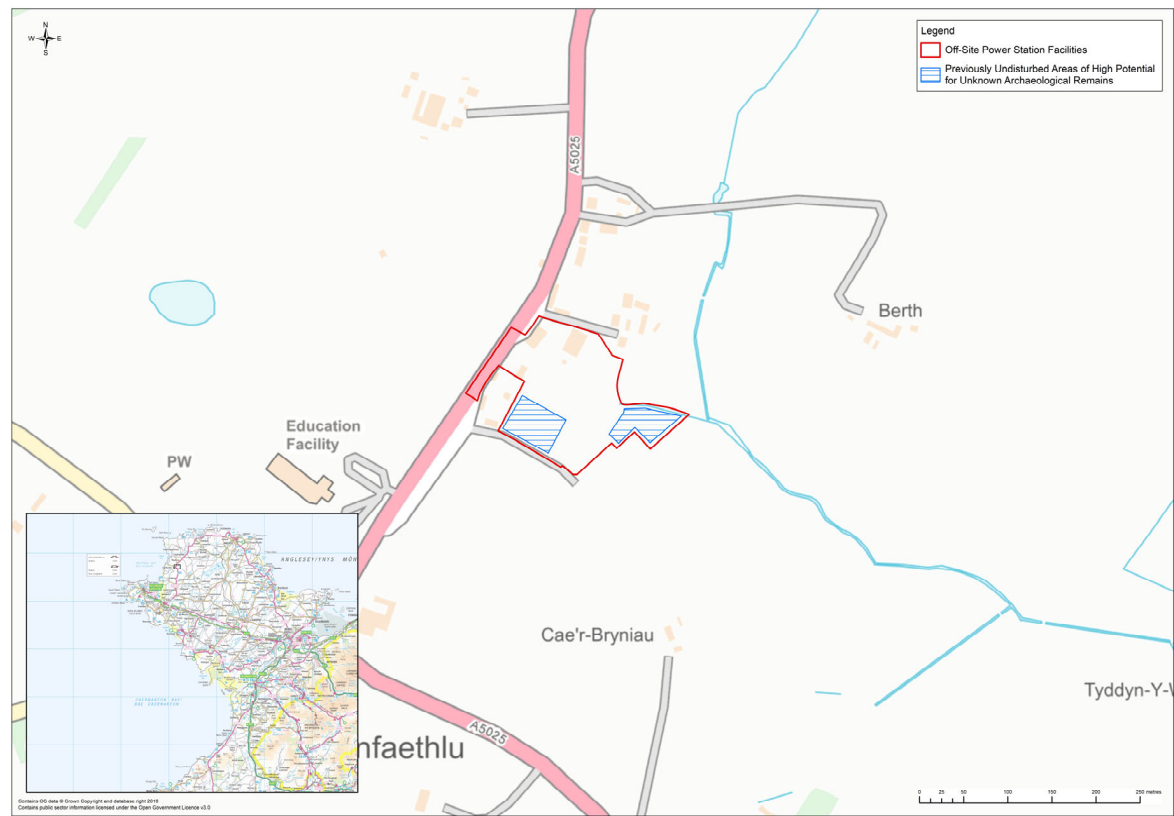
- 12.2.1 A photographic survey will be undertaken to record the current condition of Fieldscape, North-west Môn (Historic Landscape Type (HLT) 2). The photographic survey will be undertaken in accordance with relevant best practice guidance (e.g. ~~[RD5RD6]~~ and ~~[RD6RD7]~~) and Written Schemes of Investigation which will be agreed with ~~Gwynedd Archaeological Planning Service~~the IACC. The photographic survey will include the preparation and submission of reports to the Historic Environment Record and National Monument Record of Wales and the preparation of an ordered archive which will be submitted to an appropriate repository.
- 12.2.2 Photographic surveys will be undertaken to record the current setting and provide a permanent visual record of the current conditions of the following heritage assets:
- St Maethlu's Church (Asset 176);
  - Carreglwyd Registered Park and Garden (HLT 1); and
  - North West Mon (HLT 2).
- 12.2.3 Any potential adverse effects on unknown archaeological remains that may be present within the previously undisturbed areas of the Off-~~site~~Site Power Station Facilities site, shown by blue hatching in figure 12-1, will be mitigated by the implementation of an Archaeological Mitigation Scheme.

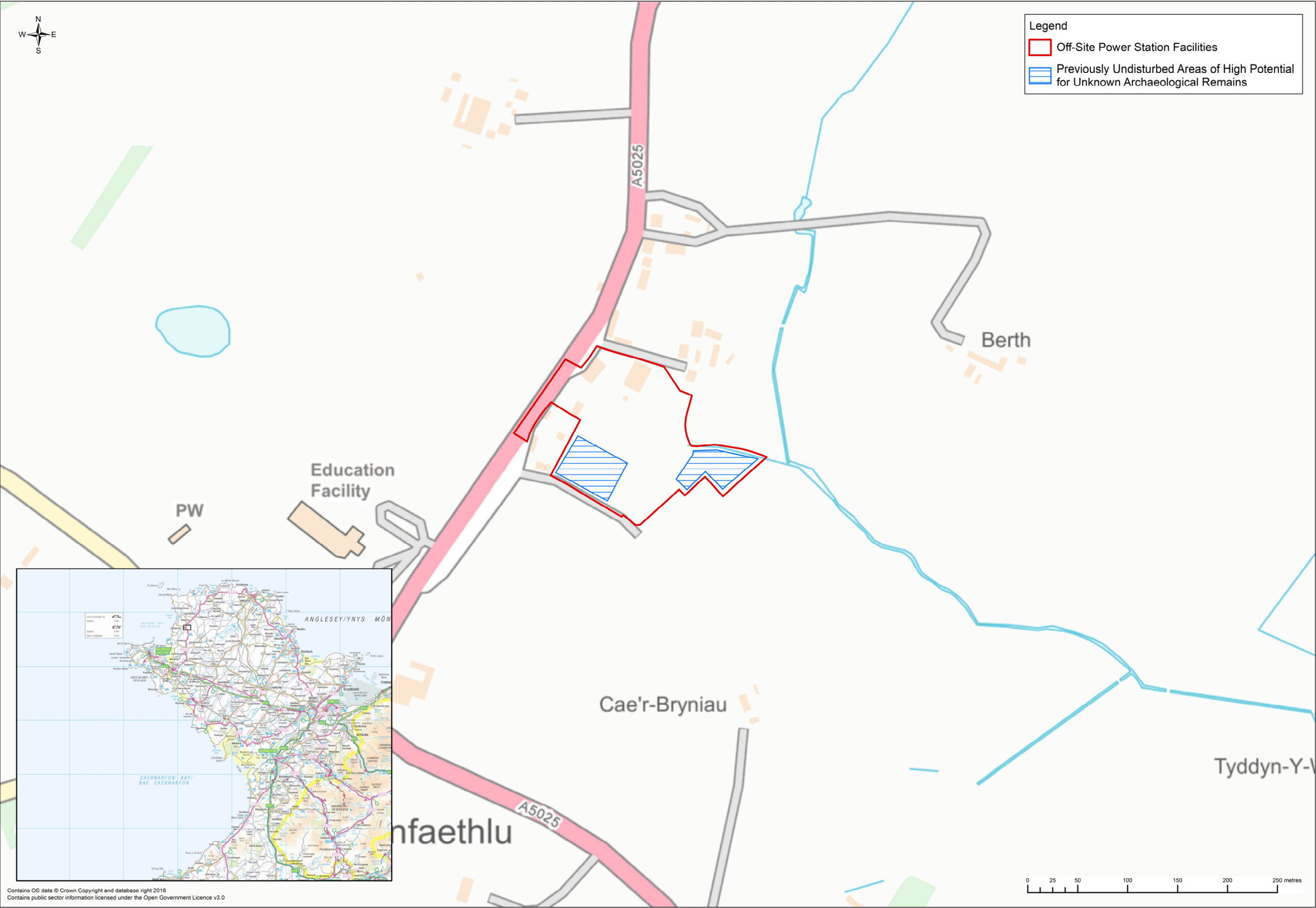
#### **Off-Site Power Station Facilities Archaeology Mitigation Scheme**

- 12.2.4 Prior to commencement of construction at the Off-Site Power Station Facilities, Horizon will prepare and submit ~~an Archaeological~~for approval an Off-Site Power Station Facilities Archaeology Mitigation Scheme (including a Written Scheme of Investigation) in accordance with the Requirements in Schedule 3 and Schedule [21] of the ~~Draft DCO. The Archaeological Mitigation Scheme approved pursuant to the DCO Requirements~~Order. The Off-Site Power Station Facilities Archaeology Mitigation Scheme will be prepared in accordance with the principles set out in section 12 of the Wylfa Newydd CoCP and section 12 of this Off-Site Power Station Facilities sub-

CoCP. The approved Off-Site Power Station Facilities Archaeology Mitigation Scheme (or any approved variations) will be implemented for the duration of the construction of the Off-Site Power Station Facilities.

Figure 12-1 Previously undisturbed areas of the Off-~~site~~Site Power Station Facilities site





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## 13 References

**Table 13-1 Schedule of references**

ID	Reference
RD1	British Standards Institution. 2014. BS 5228-1:2009+A1:2014 <i>Code of practice for noise and vibration control on construction and open sites</i> , Part 1 Noise. London: British Standards Institution.
RD2	Contaminated Land: Applications in Real Environments (CL:AIRE). 2011. <i>The Definition of Waste: Development Industry Code of Practice</i> . Version 2. London: CL:AIRE <del>Environment Agency and Department for Environment, Food and Rural Affairs. 2004. <i>Contaminated Land Report 11: Model Procedures for the Management of Land Contamination</i>. Bristol: Environment Agency.</del>
RD3	Environment Agency and Department for Environment, Food and Rural Affairs. 2004. <i>Contaminated Land Report 11: Model Procedures for the Management of Land Contamination</i> . Bristol: Environment Agency.
RD4	<del>The Association for Petroleum and Explosives Administration, and Energy Institute. 2011. <i>Guidance for Design, Construction, Modification, Maintenance and Decommissioning of Filling Stations</i> (Revised June 2011). London: The Association for Petroleum and Explosives Administration and Energy Institute.</del>
<u>RD5</u>	<u>British Standards Institution. 2012. BS 5837:2012 <i>Trees in relation to design, demolition and construction. Recommendations</i>. London: British Standards Institution.</u>
<u>RD5R</u> <u>D6</u>	English Heritage. 2007. <i>Understanding the Archaeology of Landscapes: A guide to good recording practice</i> . London: English Heritage.
<u>RD6R</u> <u>D7</u>	Gwynedd Archaeological Planning Service. 2015. <i>Guidance for applicants undertaking general photographic surveys for planning purposes</i> . [Online]. [Accessed: 11 November 2016] Available from: <a href="http://www.heneb.co.uk/newimages/photographicsurvey.pdf">http://www.heneb.co.uk/newimages/photographicsurvey.pdf</a>

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