

Appendix 3C: Embedded Mitigation
During Construction
A Construction Environmental Management Plan (CEMP) will be prepared and used to manage environmental impacts to air, land and water from construction operations. This will include a commitment to follow appropriate industry best practice and published guidelines to reduce pollutant and sediment movement. An Outline CEMP is provided in Appendix 2A and the measures contained would be implemented during the construction phase of the Proposed Project.
A Construction Traffic Management Plan will be prepared to secure appropriate routing and management of construction traffic. An Outline Construction Traffic Management Plan is provided as an appendix to the CEMP.
The main works contractor will develop, in consultation with National Grid a Site Waste Management Plan (SWMP). An Outline Waste Management Plan is provided as an appendix to the CEMP.
Prior to construction an Archaeological Written Scheme of Investigation (WSI) will be produced, agreed and implemented on site.
A Peat Management Plan has been prepared and will be adhered to by the contractor, this is provided as an appendix to the CEMP.
National Grid have made a commitment not to undertake the proposed works within the Dwyrdd Estuary to remove the overhead line during the winter bird season.
The use of artificial light will be minimised to that required for safe working with down lighting to minimise light scatter.
Measures contained in relevant DEFRA and Environment Agency best practice guidance on the control and removal of invasive weed species will be implemented.
In relation to temporary land take requirements or access limitations National Grid will liaise with landowners to agree commercial terms with affected parties including any loss of ongoing payments or fines relating to agri-environmental stewardship schemes. In addition, in discussion with landowners, temporary water supplies and troughs will be provided for livestock as necessary.
The contractor will cease work and advise the Animal Health Regional Office should animal bones be discovered which indicate a potential burial site.
A Considerate Constructors Scheme will be in place to ensure that everything is done, where practicable, to reduce the effect on the environment and this will include awareness-raising, through tool box talks, of the sensitivity required should livestock be in close proximity to works.
Following the completion of all construction works, the land temporarily used within the working area will be fully reinstated as near as practically possible to its former condition or as agreed with landowners and stakeholders in advance (this will include the reinstatement of most stretches of drainage ditches and existing culverts).
Trees which will have been removed during the construction period will be replanted as required in accordance with the Landscape and Visual Assessment. Trees will not be planted above or within 3m of the cables to avoid the risk of damage to the cable by tree roots. Areas of habitat will be restored to equivalent habitat condition post-construction. Restoration will seek to replace vegetation with the same species identified in the extended Phase 1 habitat survey as far as is practicable.
During Operation
Use of appropriate measures to prevent spillage of potentially polluting substances.
Fuels, lubricants solvents etc will be stored in appropriately bunded areas and a range of other pollution prevention measures taken.
For areas of permanent land take or any permanent restriction of certain activities above the cables, these will be discussed with affected landowners and secured in the commercial terms.

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The implementation of an Operational Phase SuDS Maintenance and Management Plan for both SEC and Tunnel Head Houses including the permanent access road. National Grid will be responsible for the management and maintenance of the proposed SuDS solutions over the intended lifetime of the Proposed Project.

During Decommissioning

No specific embedded mitigation has been deemed necessary other than best practice environmental management during the decommissioning phase.