



Foel Fach Wind Farm Limited.

# Foel Fach Wind Farm – Environmental Statement Volume III

Appendix 4.1: AILR Environmental Constraint Review

Project Reference: 664094

DECEMBER 2025



Energy for  
generations



## Environmental Assessment of Abnormal Indivisible Load Route

POI	Potential Environmental Constraints	Where considered further in ES
1	No environmental constraints identified within the vicinity of the works (within 50 m).	N/A
2	<p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>Any vegetation pruning would be limited to that required to enable safe passage of the vehicles.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. Should it be required, a licence from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p>	<p><b>ES Volume II, Chapter 5: Terrestrial Ecology</b></p> <p><b>ES Volume II, Chapter 10: Noise and Vibration</b></p>

POI	Potential Environmental Constraints	Where considered further in ES
3	<p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>Any vegetation pruning would be limited to that required to enable safe passage of the vehicles.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p>	<p><b>ES Volume II, Chapter 5: Terrestrial Ecology</b></p> <p><b>ES Volume II, Chapter 10: Noise and Vibration</b></p>
4	No physical mitigation measures will be required.	N/A
5	<p>Works are within Flood Zone 2 and 3 (Rivers and Sea). Given the nature of the works, it is not expected that the works would change flood risk at or downstream of this location, no environmental effects are anticipated.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. A TPO check would be carried out should tree removal be required. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p>	<p><b>ES Volume II, Chapter 5: Terrestrial Ecology</b></p>

POI	Potential Environmental Constraints	Where considered further in ES
6	No physical mitigation works will be required.	N/A
7	No physical mitigation works will be required.	N/A
8	No physical mitigation works will be required.	N/A
9	No physical mitigation works will be required.	N/A
10	No physical mitigation works will be required.	N/A
11	No physical mitigation works will be required.	N/A
12	No physical mitigation works will be required.	N/A

POI	Potential Environmental Constraints	Where considered further in ES
13	No physical mitigation works will be required.	N/A
14	No physical mitigation works will be required.	N/A
15	No physical mitigation works will be required.	N/A
16	No environmental constraints identified within the vicinity of the works (within 50 m).	N/A
17	No physical mitigation works will be required.	N/A
18	<p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>Works are in close proximity (within 15 m) to areas of Flood Zones 2 and 3 (Flooding from Rivers and Seas). However, works would be located outside these areas, within the boundary of the highway, therefore no environmental effects are anticipated.</p>	<b>ES Volume II, Chapter 10: Noise and Vibration</b>

POI	Potential Environmental Constraints	Where considered further in ES
19 & 20	<p>The Main River Afon Heulyn is situated underneath the area of works. Pollution prevention measures<sup>1</sup> would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, if required prior to the works, an Environmental Permit would be obtained from Natural Resources Wales.</p> <p>Works are in close proximity (within 20 m) to areas of High Flood Risk from Rivers(Flood Zone 3). However, given the nature of the works, no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A
21	<p>The Main River Afon Heulyn is situated underneath the area of works. Pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, if required prior to the works, an Environmental Permit would be obtained from Natural Resources Wales.</p> <p>Works are within Flood Zone 2 and 3 (Rivers and Sea). Given the nature of the works, no change to flood risk at or downstream of this location is expected, no environmental effects are anticipated.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. A TPO check would be carried out should tree removal be required. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>

<sup>1</sup> GOV.UK Guidance, Pollution prevention for businesses. Available at: <https://www.gov.uk/guidance/pollution-prevention-for-businesses>.

POI	Potential Environmental Constraints	Where considered further in ES
	be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.	
22	<p>Works are within a small area of Flood Zone 2 and 3 (Surface Water and Small Watercourses). For all sections of load-bearing surface required in areas within Flood Zones 2 or 3, a suitable heavy-duty permeable paving grid would be used. Permeable paving grids permit water infiltration and do not lead to increased areas of impermeable surface within flood zones. There would be no effect on flood risk from these works therefore no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A
23	No environmental constraints identified within the vicinity of the works (within 50 m).	N/A
24	<p>The Main River Afon Rhosdican is situated underneath the area of works. Pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, if required prior to the works, an Environmental Permit would be obtained from Natural Resources Wales.</p> <p>Works are within a small area of Flood Zone 2 and 3 (Surface Water and Small Watercourses). For all sections of load-bearing surface required in areas within Flood Zones 2 or 3, a suitable heavy-duty permeable paving grid would be used. Permeable paving grids permit water infiltration and do not lead to increased areas of impermeable surface within flood zones. There would be no effect on flood risk from these works therefore no environmental effects are anticipated.</p>	N/A

POI	Potential Environmental Constraints	Where considered further in ES
	No other environmental constraints identified within the vicinity of the works (within 50 m).	
25	<p>Works are in close proximity (within 20 m) to a small area of Flood Zones 2 and 3 (Surface Water &amp; Small Watercourses). However, works would be located within the boundary of the highway, therefore no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A
26	<p>Works are approximately 26 m north of Glynllifon Site of Special Scientific Interest (SSSI). The works are also approximately 20 m north-east of the Glynllifon Registered Park and Garden and areas of ancient woodland. However, works are outside these areas, located within the boundary of the highway and of a small scale. No effects on designated sites or ancient woodlands are anticipated.</p> <p>Works are within a small area of Flood Zone 2 and 3 (Surface Water and Small Watercourse). For all sections of load-bearing surface required in areas within Flood Zones 2 or 3, a suitable heavy-duty permeable paving grid would be used. Permeable paving grids permit water infiltration and do not lead to increased areas of impermeable surface within flood zones. There would be no effect on flood risk from these works therefore no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A



POI	Potential Environmental Constraints	Where considered further in ES
27	<p>Works are approximately 56 m east of Glynllifon SSSI and Special Area of Conservation (SAC). The works are outside of this area, located within the boundary of the highway and of a small scale. No effects on designated sites are anticipated.</p> <p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>Works are within a small area of Flood Zone 2 and 3 (Surface Water and Small Watercourse). For all sections of load-bearing surface required in areas within Flood Zones 2 or 3, a suitable heavy-duty permeable paving grid would be used. Permeable paving grids permit water infiltration and do not lead to increased areas of impermeable surface within flood zones. There would be no effect on flood risk from these works therefore no environmental effects are anticipated.</p>	<b>ES Volume II, Chapter 10: Noise and Vibration</b>
28	<p>Works are within a small area of Flood Zone 3 and 2 (Surface Water and Small Watercourses). For all sections of load-bearing surface required in areas within Flood Zones 2 or 3, a suitable heavy-duty permeable paving grid would be used. Permeable paving grids permit water infiltration and do not lead to increased areas of impermeable surface within flood zones. There would be no effect on flood risk from these works therefore no environmental effects are anticipated.</p> <p>Any vegetation pruning would be limited to that required to enable safe passage of the vehicles. Should the removal of trees be required, these would be checked by a suitability qualified ecologists, and appropriate mitigation proposed, to ensure there would be no effects on protected species.</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>
29	An ordinary watercourse is located within 15 m of the potential area of works. Should works be required within 8 m of the watercourse, pollution prevention measures would be followed	N/A

POI	Potential Environmental Constraints	Where considered further in ES
	<p>throughout the works to minimise the potential for adverse effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Potential works would be located within Flood Zones 2 and 3 (Surface Water and Small Watercourses). However, works are minor and outside these areas. No environmental effects are anticipated.</p> <p>Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	
30	<p>Works are within 50 m of Flood Zone 3 (Rivers and Sea). However, works are minor and outside these areas. No environmental effects are anticipated.</p> <p>Any vegetation pruning would be limited to that required to enable safe passage of the vehicles. Should the removal of trees be required, these would be checked by a suitability qualified ecologists, and appropriate mitigation proposed, to ensure there would be no effects on protected species.</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>
31	<p>No environmental constraints identified within the vicinity of the potential works (within 50 m).</p> <p>Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.</p>	N/A

POI	Potential Environmental Constraints	Where considered further in ES
32	<p>An ordinary watercourse is located within 10 m of the potential area of works. Should works be required within 8 m of the watercourse, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Potential works are located within 5 m of Flood Zones 2 and 3 (Surface Water and Small Watercourses / Rivers).</p> <p>Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.</p>	N/A
33	<p>Works are within Flood Zone 2 and 3 (Surface Water and Small Watercourses). For all sections of load-bearing surface required in areas within Flood Zones 2 or 3, a suitable heavy-duty permeable paving grid would be used. Permeable paving grids permit water infiltration and do not lead to increased areas of impermeable surface within flood zones. There would be no effect on flood risk from these works therefore no environmental effects are anticipated.</p> <p>Works are located in close proximity to (within 30 m) of the Porthmadog and Tremadog Bay Special Landscape Area (SLA). However, works are minor and outside these areas. No environmental effects are anticipated.</p> <p>Plas-isa, Grade II Listed Building (21533) is located approximately 10 m south of the works. Mynediad Cae Chwarae, Grade II Listed Building (21556) is located approximately 9 m north of the works. Bwlch-y-fedwen, Grade II Listed Building (21534) is located approximately 10 m south of the works.</p>	<b>ES Volume II, Chapter 8: Cultural Heritage</b>

POI	Potential Environmental Constraints	Where considered further in ES
	There is an ordinary watercourse located underneath the A487 in close proximity (within 30 m) to the works, but no environmental effects are anticipated.	
34	<p>Penmorfa S-bend approximately 20 m south of the works.</p> <p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>Any vegetation trimming would be limited to that required to enable safe passage of the vehicles. Should the removal of trees be required, these would be checked by a suitability qualified ecologists, and appropriate mitigation proposed, to ensure there would be no effects on protected species.</p>	<p><b>ES Volume II, Chapter 5: Terrestrial Ecology</b></p> <p><b>ES Volume II, Chapter 10: Noise and Vibration</b></p>
35	<p>Roman Bath-House, Tremadoc (CN174) Scheduled Monument is located approximately 13 m north-east of the works.</p> <p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>An ordinary watercourse is located in close proximity (within 18 m) of the works. However, works would be located within the boundary of the highway therefore no environmental effects are anticipated.</p> <p>Works are within Flood Zone 3 (Rivers and Sea). AIL delivery scheduling will need consideration of tides and weather forecasts for this section to ensure that there is no risk to the deliveries, plant and staff. For all sections of load-bearing surface required in areas within Flood Zones 2 or 3, a suitable heavy-duty permeable paving grid would be used. Permeable paving grids permit water infiltration and do not lead to increased areas of impermeable surface within flood zones. There</p>	<p><b>ES Volume II, Chapter 8: Cultural Heritage</b></p> <p><b>ES Volume II, Chapter 10: Noise and Vibration</b></p>

POI	Potential Environmental Constraints	Where considered further in ES
	would be no effect on flood risk from these works therefore no environmental effects are anticipated.	
36	<p>There is a Restored Ancient Woodland Site approximately 10 m north-east of the works. However, works are minor and outside these areas. No environmental effects are anticipated.</p> <p>Bodawen Lodge (85359 and 4438) Grade II Listed Buildings and associated former stables (85375) are located approximately 13 m north-east of the works.</p> <p>Glaslyn &amp; Dywryd Estuary Landscapes SLA is located immediately north of the area of works on the approach to the A487 Porthmadog Roundabout. However, works are minor and outside these areas. No environmental effects are anticipated.</p> <p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>There is a Main River located underneath the area of works. Pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, if required prior to the works, an Environmental Permit would be obtained from Natural Resources Wales.</p> <p>Works are within Flood Zone 3 (Rivers and Sea). AIL delivery scheduling will need consideration of tides and weather forecasts for this section to ensure that there is no risk to the deliveries, plant and staff. For all sections of load-bearing surface required in areas within Flood Zones 2 or 3, a suitable heavy-duty permeable paving grid would be used. Permeable paving grids permit water infiltration and do not lead to increased areas of impermeable surface within flood zones. There</p>	<p><b>ES Volume II, Chapter 8: Cultural Heritage</b></p> <p><b>ES Volume II, Chapter 10: Noise and Vibration</b></p>

POI	Potential Environmental Constraints	Where considered further in ES
	would be no effect on flood risk from these works therefore no environmental effects are anticipated.	
37	<p>Ysbyty Bron y Garth SSSI located approximately 20 m north of the works. However, works are minor and outside these areas. No environmental effects are anticipated.</p> <p>Casual Ward at Bron-y-Garth Hospital (5223) Grade II Listed Building located approximately 50 m north-east of the works.</p> <p>Works are in close proximity (within 15 m) of The Slate Landscape of Northwest Wales - Ffestiniog: its Slate mines and Quarries, 'city of slates' and Railway to Porthmadog World Heritage Site. However, works are minor and outside these areas. No environmental effects are anticipated.</p> <p>Works are adjacent to Flood Zone 2 (Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p>	<b>ES Volume II, Chapter 8: Cultural Heritage</b>
38	<p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>Gorffwysfa Chapel Including Hall Adjoining to the Rear and Railed Forecourt Walls to the Front (26855) Grade II Listed building is located approximately 10 m south-east of the works.</p>	<p><b>ES Volume II, Chapter 10: Noise and Vibration</b></p> <p><b>ES Volume II, Chapter 8: Cultural Heritage</b></p>
39	Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.	<b>ES Volume II, Chapter 10: Noise and Vibration</b>

POI	Potential Environmental Constraints	Where considered further in ES
	<p>Works are located within 15 m of Flood Zone 2 (Flooding from Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Parish Church of the Holy Trinity (26852) Grade II Listed Building is located approximately 50 m east of the works.</p>	<b>ES Volume II, Chapter 8: Cultural Heritage</b>
40	<p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>Works are located within 15 m of Flood Zones 2 and 3 (Flooding from Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Works are located within 10 m of Glaslyn &amp; Dywryd Estuary Landscapes SLA. However, given the nature and location of the works no environmental effects are anticipated.</p>	<b>ES Volume II, Chapter 10: Noise and Vibration</b>
41	<p>Coedydd Dyffryn Ffestiniog (Gogleddol) SSSI and Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC located immediately north of the works. However, given the nature and location of the works no environmental effects are anticipated.</p> <p>An ordinary watercourse is located approximately 15 m north of the works. Works are also located adjacent to Flood Zones 2 and 3 (Flooding from Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p>	N/A

POI	Potential Environmental Constraints	Where considered further in ES
	An ancient woodland site is located immediately north of the works. However, given the location of works are outside these areas, no environmental effects are anticipated. No other environmental constraints identified within the vicinity of the works (within 50 m).	
42	No physical mitigation works will be required.	N/A
43	<p>Works are approximately 7 m north of Morfa Harlech SSSI, and Pen Llyn a'r Sarnau / Llyn Peninsula and the Sarnau SAC. Works are approximately 13 m south of Coedydd Dyffryn Ffestiniog (Gogleddol) SSSI and Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC.</p> <p>Pen-trwyn-garnedd 1 and 2 Grade II Listed Buildings are located approximately 43 m north-east of the works.</p> <p>Works are located partially within The Slate Landscape of Northwest Wales - Ffestiniog: its Slate mines and Quarries, 'city of slates' and Railway to Porthmadog World Heritage Site.</p> <p>The Afon Dwryryd is located approximately 10 m south of the works. Should works within 8 m of the main river be required, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, if required prior to the works, an Environmental Permit would be obtained from Natural Resources Wales.</p> <p>Works are adjacent to Flood Zone 3 (Rivers and Sea). However, given the location of works are outside these areas, no environmental effects are anticipated.</p>	<b>ES Volume II, Chapter 8: Cultural Heritage</b>



POI	Potential Environmental Constraints	Where considered further in ES
	An ancient woodland site is located approximately 15 m north of the works. However, given the location of works are outside these areas, no environmental effects are anticipated.	
44	<p>Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC and Coedydd Dyffryn Ffestiniog (Gogleddol) SSSI is approximately 10 m east of the works. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>The Main River Ffos Oakley Arms is located 20 m south-west of the works. Should works within 8 m of the main river be required, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, if required prior to the works, an Environmental Permit would be obtained from Natural Resources Wales.</p> <p>Works are located within the Plas Tan-y-Bwlch Registered Park and Garden and The Slate Landscape of Northwest Wales - Ffestiniog: its Slate mines and Quarries, 'city of slates' and Railway to Porthmadog World Heritage Site. Given the nature and scale of the works, no effects on designated assets are anticipated.</p> <p>Ty'r Felin (84025) and Former kiln house at Tan-y-bwlch mill (4706) Grade II Listed Buildings are located immediately north of the Works. Given the nature and scale of the works, no effects on designated assets are anticipated.</p> <p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p>	<b>ES Volume II, Chapter 10: Noise and Vibration</b>
45	Works are located within ancient woodland. Any vegetation trimming would be limited to that required to enable safe passage of the vehicles. Should the removal of trees be required, these	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>

POI	Potential Environmental Constraints	Where considered further in ES
	would be checked by a suitability qualified ecologists, and appropriate mitigation proposed, to ensure there would be no effects on protected species.	
46	<p>Works are partially within Coedydd De Dyffryn Maentwrog SSSI and ancient woodland. Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. A TPO check would be carried out should tree removal be required. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p> <p>Works are within 10 m of the ordinary watercourse Afon Tafarn-helyg. Should works within 8 m of the watercourse be required, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Works are within 10 m of Flood Zone 3 (Flooding from Rivers). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Works are located within 30 m of Cae'n y Coed Uchaf (19656) Grade II Listed Building.</p>	<p><b>ES Volume II, Chapter 5: Terrestrial Ecology</b></p> <p><b>ES Volume II, Chapter 8: Cultural Heritage</b></p>
47	Works are partially within an area of Ancient Semi Natural Woodland. Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>

POI	Potential Environmental Constraints	Where considered further in ES
	<p>undertaken. A TPO check would be carried out should tree removal be required. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p> <p>Coedydd De Dyffryn Maentwrog SSSI is located approximately 8 m east of the works. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Pandy Bach (84013) Grade II Listed Building is located approximately 12 m west of the proposed works. Given the location of the works, no effects to historic assets or designated sites are anticipated.</p> <p>Works are within 15 m of the ordinary watercourse Afon Tafarn-helyg. Should works within 8 m of the watercourse be required, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Works are within a small area of Flood Zone 2 (Flooding from Surface Water and Small Watercourses). Given the nature of the work, no change in flood risk at or downstream of this location is anticipated.</p>	
48	No physical mitigation works will be required.	N/A
49	No physical mitigation works will be required.	N/A

POI	Potential Environmental Constraints	Where considered further in ES
50	<p>The potential works would be located within 10 m of Flood Zone 2 and 3 (Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>An ordinary watercourse is located within 15 m of the potential area of works. If works are required within 8 m of the watercourse, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A
51	<p>The works are within Flood Zone 2 and 3 (Surface Water and Small Watercourses). Given the nature of the works, it is not expected that the works would change flood risk at or downstream of this location, no environmental effects are anticipated.</p> <p>Any vegetation pruning would be limited to that required to enable safe passage of the vehicles. Should the removal of trees be required, these would be checked by a suitability qualified ecologists, and appropriate mitigation proposed, to ensure there would be no effects on protected species.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>
52	<p>Potential works are located within 40 m of Flood Zones 2 (Surface Water and Small Watercourses / Rivers). However, given the location of works are outside these areas, no environmental effects are anticipated.</p>	N/A

POI	Potential Environmental Constraints	Where considered further in ES
	Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.	
53	<p>An ordinary watercourse is located within 5 m of the potential area of works. If required, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Potential works are located within 5 m of Flood Zones 2 and 3 (Surface Water and Small Watercourses / Rivers). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.</p>	N/A
54	<p>An ordinary watercourse is located within 5 m of the potential area of works. If required, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Potential works are located within 5 m of Flood Zones 2 and 3 (Surface Water and Small Watercourses / Rivers). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.</p>	N/A

POI	Potential Environmental Constraints	Where considered further in ES
55	No physical mitigation works will be required.	N/A
56	<p>Migneint-Arenig-Ddualt Special Protection Area (SPA), SAC and SSSI would be located approximately 20 m north of the potential works. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Potential works would be located within 10 m of Flood Zones 2 and 3 (Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A
57	<p>Migneint-Arenig-Ddualt SPA, SAC and SSSI is located within 10 m of the works. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>There is an ordinary watercourse located within 35 m of the works. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A
58	Works are located within Migneint-Arenig-Ddualt SPA, SAC and SSSI. However, given the location of works are outside these areas, no environmental effects are anticipated.	N/A

POI	Potential Environmental Constraints	Where considered further in ES
	<p>There is an ordinary watercourse located within 30 m of the works. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Works are located within 10 m of Flood Zones 2 and 3 (Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	
59	<p>Potential works would be located within 45 m of Flood Zone 2 (Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A
60	<p>Potential works would be located within 20 m of Flood Zone 2 (Surface Water and Small Watercourses). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>No other environmental constraints identified within the vicinity of the works (within 50 m).</p>	N/A
61	<p>Barn Range at Ty Uchaf (24658) Grade II Listed Building is located within 50 m of the vegetation clearance works.</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>

POI	Potential Environmental Constraints	Where considered further in ES
	<p>Works are within Flood Zone 2 and 3 (Surface Water and Small Watercourses). Given the nature of the works, no change to flood risk at or downstream of this location is anticipated, no environmental effects are anticipated.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. A TPO check would be carried out should tree removal be required. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p>	
62	<p>Works are within 35 m of the River Dee and Bala Lake SAC and River Dee SSSI. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Works are located within 10 m of Flood Zones 2 and 3 (Surface Water and Small Watercourses) and within 30 m of Flood Zones 2 and 3 (Flooding from Rivers). However, works are minor and outside of these areas, no environmental effects are anticipated.</p> <p>Any vegetation trimming would be limited to that required to enable safe passage of the vehicles. Should the removal of trees be required, these would be checked by a suitably qualified ecologists, and appropriate mitigation proposed, to ensure there would be no effects on protected species.</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>
63	<p>Works are within 50 m of the River Dee and Bala Lake SAC and River Dee SSSI. However, given the location of works are outside these areas, no environmental effects are anticipated.</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>



POI	Potential Environmental Constraints	Where considered further in ES
	<p>Works are located within 5 m of Flood Zone 2 (Surface Water and Small Watercourses) and within 45 m of Flood Zones 2 and 3 (Flooding from Rivers). However, works are minor and outside of these areas, no environmental effects are anticipated.</p> <p>Any vegetation trimming would be limited to that required to enable safe passage of the vehicles. Should the removal of trees be required, these would be checked by a suitability qualified ecologists, and appropriate mitigation proposed, to ensure there would be no effects on protected species.</p>	
64	<p>River Dee and Bala Lake / Afon Dyfrdwy a Llyn Tegid (Wales) SAC, Afon Dyfrdwy (River Dee) SSSI and Main River Afon Mynach is located within 5 m of the works. Pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, if required prior to the works, an Environmental Permit would be obtained from Natural Resources Wales.</p> <p>Works are located within Flood Zones 2 and 3 (Flooding from Rivers). The location requiring land re-profiling would involve land-lowering, to reduce the verge area alongside the footway to the same level as the existing carriageway. There is not anticipated to be any loss of flood storage as a result of this activity. The works are limited in extent and are not anticipated to exacerbate flood risk in this area.</p> <p>Given there is a residential receptor within 50 m of the works, there is potential for noise impacts.</p> <p>Works are partially located within Bala Hinterland SLA. Given the nature and location of the works, no environmental effects are anticipated.</p>	<p><b>ES Volume II, Chapter 5: Terrestrial Ecology</b></p> <p><b>ES Volume II, Chapter 10: Noise and Vibration</b></p>

POI	Potential Environmental Constraints	Where considered further in ES
	<p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p>	
65	<p>River Dee and Bala Lake / Afon Dyfrdwy a Llyn Tegid (Wales) SAC and Afon Dyfrdwy (River Dee) SSSI is located 30 m west of the area of potential works. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Potential works would be located adjacent to Flood Zone 2 (Surface Water and Small Watercourses) and within 25 m of Flood Zones 2 and 3 (Flooding from Rivers). However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Potential works would be located within Bala Hinterland SLA. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.</p>	N/A
66	<p>River Dee and Bala Lake / Afon Dyfrdwy a Llyn Tegid (Wales) SAC and Afon Dyfrdwy (River Dee) SSSI located 45 m west of the works. However, given the location of works are outside these areas, no environmental effects are anticipated.</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>

POI	Potential Environmental Constraints	Where considered further in ES
	<p>Works are located within Bala Hinterland SLA. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Works are located within Flood Zones 2 and 3 (Flooding from Rivers). However, given the nature of the works, no change to flood risk at or downstream of this location is expected, no environmental effects are anticipated.</p> <p>An ordinary watercourse runs below the B4501 underneath the area of works. Pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p>	
67& 68	<p>Works are located within Bala Hinterland SLA. However, given the location of works are outside these areas, no environmental effects are anticipated.</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>

POI	Potential Environmental Constraints	Where considered further in ES
	<p>Works are partially located within Flood Zone 2 (Surface Water and Small Watercourses). However, given the nature of the works, no change to flood risk at or downstream of this location is expected, no environmental effects are anticipated.</p> <p>Any vegetation trimming or pruning would be limited to that required to enable safe passage of the vehicles.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p> <p>Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.</p>	
69 & 70	<p>River Dee and Bala Lake / Afon Dyfrdwy a Llyn Tegid (Wales) SAC, Afon Dyfrdwy (River Dee) SSSI and Main River Afon Mynach is located within 16 m of the works. Should works within 8 m of the main river be required, pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the watercourse and, if required prior to the works, an Environmental Permit would be obtained from Natural Resources Wales.</p> <p>There is an ordinary watercourse underneath the area of works. As noted above pollution prevention measures would be followed throughout the works to minimise the potential for adverse</p>	<b>ES Volume II, Chapter 5: Terrestrial Ecology</b>

POI	Potential Environmental Constraints	Where considered further in ES
	<p>effects to the watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Works are partially located within Flood Zone 2 (Surface Water and Small Watercourses) and within 15 m of Flood Zones 2 and 3 (Flooding from Rivers). Given the nature of the works, no change to flood risk at or downstream of this location is expected, no environmental effects are anticipated.</p> <p>Works are located within Bala Hinterland SLA. Given the nature of the works and that liaison with utility providers will be undertaken prior to the commencement of any works, no environmental effects are anticipated.</p> <p>Any vegetation trimming or pruning would be limited to that required to enable safe passage of the vehicles.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. A TPO check would be carried out should tree removal be required. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p>	
71	<p>There is an ordinary watercourse underneath the area of works. Pollution prevention measures would be followed throughout the works to minimise the potential for adverse effects to the</p>	<p><b>ES Volume II, Chapter 5: Terrestrial Ecology</b></p>

POI	Potential Environmental Constraints	Where considered further in ES
	<p>watercourse and, prior to the works ordinary watercourse consent would be obtained from Gwynedd Council.</p> <p>Works are located within Bala Hinterland SLA. However, given the location of works are outside these areas, no environmental effects are anticipated.</p> <p>Works are within 35 m of Flood Zone 2 and 3 (Rivers and Sea). Given the nature of the works, no change to flood risk at or downstream of this location is expected, no environmental effects are anticipated.</p> <p>Any vegetation removal would be undertaken outside of the nesting period (typically March to August inclusive) where possible. If this is not possible, a detailed inspection of the vegetation to be removed would be undertaken by a suitably qualified ecologist no more than 24 hours prior to any works being undertaken. A TPO check would be carried out should tree removal be required. Should it be required, a licence (Protected Species Licence) from Natural Resources Wales would be obtained to complete the works. Such licences would require the Applicant to agree a method statement and any mitigation required with Natural Resources Wales.</p>	
Blade Transfer Area	Further review will be required at the time that the application for works is brought forwards, in order to fully assess the environmental effects relating to potential works at this location.	N/A