



Foel Fach Wind Farm Limited.

# Foel Fach Wind Farm - Environmental Statement Volume III

Appendix 7.8: Private Water Supply Risk Assessment

Project Reference: 664094

DECEMBER 2025



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## RSK GENERAL NOTES

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Date:	<u>19/06/2025</u>		

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## EXECUTIVE SUMMARY

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A Private Water Supplies Risk Assessment has been prepared for the Proposed Development to address the potential risk to private water supply sources from construction works and operational activities within the Application Site. A risk screening was undertaken for the 103 supplies identified within 5 kilometres (km) of the Site Boundary. Of these, nine were assessed as having potential risk and were taken forward to a full risk assessment. Five sources were assessed as having no linkage to the Proposed Development and therefore as having no risk. Three sources were assessed as having a potential linkage under the assessed worst-case scenario, as it has not been possible to identify the exact type and location of their water supply sources. One source was identified as having a potential linkage and a potential risk of impact. Mitigation measures have been set out to provide additional protection to the supply sources identified as at potential risk of impact. These mitigation measures, combined with a robust monitoring programme, will minimise the risk of any changes to the water quantity or quality at the source location. The residual risk is assessed as **low** or **negligible**.



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# 1 INTRODUCTION

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## 1.1 Introduction

- 1.1.1 This Private Water Supply Risk Assessment (PWSRA) is submitted in support of the Environmental Statement for Foel Fach Wind Farm and associated infrastructure (hereafter referred to as the 'Proposed Development').
- 1.1.2 The report forms a Technical Appendix to Volume II of the Environmental Statement (ES) for the Proposed Development and should be read in conjunction with **ES Volume II, Chapter 7 Land, Soils, and Water** and associated figures in **Volume IV**. It will address the potential for adverse effects on nearby private water supplies (PWS) from the Proposed Development and, where appropriate, provide recommendations for mitigation of effects.

## 1.2 Scope of Assessment

- 1.2.1 This report summarises the findings of the PWS Desk Study and March 2025 PWS questionnaire in line with **ES Volume II, Chapter 7: Land, Soils and Water** which details the effects of the Proposed Development on the hydrological environment.
- 1.2.2 The objectives of this report are:
- to verify the PWS data provided by the local council databases for locations within the study area
  - to identify if there are any additional PWS not captured by the local councils' data, and
  - to identify the potential effects of the Proposed Development on the PWS identified within the study area.



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## 2 IDENTIFICATION OF PWS

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### 2.1 Definition of PWS

- 2.1.1 PWS are defined as any water supply that is not provided by the statutory water supplier, and so the responsibility for its upkeep lies with the owner and/or user of the supply. The supply may be abstracted from a variety of surface and groundwater sources and are recognised as key sensitive features and are required to be considered within the hydrological assessment of the wind farm application. This report provides an assessment of the PWS which have potential hydrological connectivity to, and would be affected by, the Proposed Development.
- 2.1.2 The hydrological assessment provided in **ES Volume II, Chapter 7: Land, Soils and Water** details the impacts of the Proposed Development on the hydrological environment.

### 2.2 Desk Study

- 2.2.1 Gwynedd Council and Conwy County Borough Council were contacted by RSK and provided the locations and types of known properties served by PWS. A study area of 5 km was applied to the Proposed Development as effects on quantity and/or quality of water can be transmitted downstream at considerable distances. A total of 77 properties were identified within the 5 km study area over both council areas.
- 2.2.2 It can be difficult to identify PWS in rural locations, such as that of the Proposed Development. Sources for PWS vary between surface and groundwater and locations provided by the councils are often identified at the location of the property rather than the source itself. Furthermore, the sources can often be indistinct and difficult to locate without local knowledge. It is not compulsory for domestic users of PWS to declare or notify local councils' environmental health departments that they have or use a PWS and, as a result, council PWS records are often incomplete.
- 2.2.3 On receipt of the PWS data from the councils, Ordnance Survey data was scrutinised to identify if additional properties likely to be on PWS that are not held on the council databases. A further 26 properties were identified during this desk-based exercise.
- 2.2.4 In March 2025, PWS questionnaires were posted to all identified properties with potential to have a PWS within the study area but for which no record was held by either council. The questions were designed to confirm if properties were using PWS and to locate the supply source and source type. Of the 26 questionnaires sent, there were six responses. The properties where no confirmation of PWS was provided were subject to an additional desk-based assessment as a precautionary measure. A copy of the questionnaire is provided in **Annex A**.



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- 2.2.5 The questionnaires were designed to determine, or confirm, the following:
- if the property is on a shared supply, and how many people or properties share it
  - if there are any protective measures associated with the private supply
  - if there is any treatment installed for the supply and any known issues with the treatment
  - the type and location of the water supply source
  - what the land associated with the property and private water supply is used for
  - if the property has experienced any water quality issues associated with the supply, and
  - if the property has experienced any supply issues as a result of the private water supply.
- 2.2.6 In total, 103 properties were identified within the 5 km study area. PWS within the 5 km study area are shown in **ES Volume IV, Figure 7.7: Private Water Supplies**.
- 2.2.7 All 103 PWS locations taken forward for a risk screening exercise. This identified the following key details of the PWS to determine whether there could be a potential linkage to the Proposed Development:
- distance from the Proposed Development
  - hydrological catchment area in which the PWS is located
  - relative locations of the PWS and proposed infrastructure, and
  - potential hydrological or hydrogeological linkages or flow paths.
- 2.2.8 The results of the risk screening exercise are provided in **Annex B – PWS Screening**.
- 2.2.9 Nine supplies out of the 103 PWS screened were identified as needing further investigation and have been assessed in detail within this risk assessment. These properties are provided in **Table 7.8.1**.

**Table 7.8.1 PWS Included in the Risk Assessment**

Council ID	Source Location	Source Type	Grid Ref	Distance From Nearest Infrastructure
Null	Llaithgwm	Spring	292268, 340790	275 m south of proposed access track
Null	Wern Fawr	Spring	291923, 340665	230 m south-east of proposed access track
5649	Ty Cipar	Unknown	290975, 341385	490 m north of proposed entrance compound
Null	Bromhault	Unknown	291167, 341827	800 m north of proposed entrance compound
Null	Nant Gau	Unknown	291283, 341898	875 m north of proposed entrance compound
Null	Maespyllan	Unknown	292364, 341794	575 m north of proposed access track





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Council ID	Source Location	Source Type	Grid Ref	Distance From Nearest Infrastructure
Null	Hendre-bach	Unknown	291879, 342153	1,080 m north of proposed access track
Null	Pentre-tai-yn-y-cwm	Spring	295574, 340261	960 m south-east of turbine infrastructure
7336	Cwm Hwylfod	Unknown	295608, 339995	1,220 m south-east of turbine infrastructure

## 2.3 Potential Impacts

- 2.3.1 Potential impacts to the quality and quantity of water within the Application Site and draining sub-catchments from the construction and operation of the Proposed Development are discussed in full within **ES Volume II, Chapter 7: Land, Soils and Water**. All excavations and changes to surface water or groundwater flow paths could potentially affect water supply to PWS.
- 2.3.2 Potential impacts from construction works could temporarily affect water quantity as changes to overland drainage and surface water flows would arise from all construction activity. Impacts could arise from construction of the access tracks and drainage infrastructure, with subsidiary effects from turbine foundations, crane pads and ancillary infrastructure. This may lead to concentration of flows within the Site and diversion of flows between sub-catchment areas and could reduce or increase flow levels to surface water sources.
- 2.3.3 Ground disturbance could also affect water quality as earthworks, excavations and areas for temporary storage of soils, peat soils and aggregate will generate loose sediment, which could potentially gain access to surface watercourses and waterbodies through entrainment in surface runoff. This could potentially have an adverse effect on the downstream watercourses as a result of higher turbidity (cloudiness), reduction in dissolved oxygen and changes to taste and smell of water.
- 2.3.4 Mobilisation of large volumes of sediment in surface watercourses can also change flow patterns and could reduce or increase flow levels to surface water sources.
- 2.3.5 A number of potentially polluting materials would be present onsite, including fuel, oil, cement powder, wet concrete, concrete washout water and foul drainage from welfare facilities. Should spills or leaks of any of these substances gain entry to surface water or groundwater, there may be potential impacts on water quality depending on the size of the spill or leak and the management response to dealing with the issue.





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- 2.3.6 Physical changes to the shallow subsurface as a result of excavation works have potential to interrupt shallow groundwater flow paths. This would include proposed cut-and-fill track sections, turbine foundations, hardstanding areas, substation, batching compound, construction compounds and cable trenches. Physical changes to the deeper subsurface (>5 m below ground surface) have potential to interrupt deeper groundwater flow paths. This would include borrow pit excavations and some turbine foundation areas.



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### 3 RISK ASSESSMENT

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- 3.1.1 PWS make use of various water sources. Surface water sources include streams, rivers and lakes. Groundwater sources include springs, wells and boreholes.
- 3.1.2 For the risk assessment and protection of groundwater abstractions during wind farm construction, current best practice guidance indicates that abstractions within 100 m from shallow excavations (<1 m deep) and within 250 m of deeper excavations should all be assessed on a location-specific basis.

#### **Llaithgwm**

- 3.1.3 The Llaithgwm supply source is confirmed to be a spring. The supply is located approximately 270 m south-east of the property, on the slopes of the ridge extending south-west from Pen y Bwlch Gwyn. There is no proposed infrastructure upslope of the spring. The nearest proposed infrastructure, the new access track into the Site, is located across a small valley 270 m to the north of the spring point. T01 is located on the far side of the ridge and within a different hydrological and hydrogeological catchment area.
- 3.1.4 There is no linkage between the impact source (proposed infrastructure works) and the receptor (the spring), and as a result there would be no impact on the water quality or quantity for this PWS.

#### **Wern Fawr**

- 3.1.5 The Wern Fawr supply source is confirmed to be a spring. The supply is located approximately 600 m east of the property, also on the slopes of the ridge extending south-west from Pen y Bwlch Gwyn but at a lower level than the Llaithgwm source. There is no proposed infrastructure upslope of the spring. The nearest proposed infrastructure, the upgraded access track into the Site, is located across a small valley 240 m to the north-west of the spring point. T01 is located on the far side of the ridge and within a different hydrological and hydrogeological catchment area.
- 3.1.6 There is no linkage between the impact source (proposed infrastructure works) and the receptor (the spring), and as a result there would be no impact on the water quality or quantity for this PWS.

#### **Ty Cipar**

- 3.1.7 It has not been possible to confirm the source location or source type for Ty Cipar. Its location suggests that the PWS may source water from the Afon Mynach, a nearby tributary or from an unmapped stream, spring, well or borehole. Abstraction from the main Afon Mynach channel is the worst-case scenario and the PWS has been assessed on this basis.



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- 3.1.8 The property identified is approximately 430 m north-west of the proposed entrance compound. The property and potential source location are located up-catchment from the Site entrance and entrance compound, indicating that there is no potential linkage from these works.
- 3.1.9 Part of the proposed infrastructure (new access tracks) are located in the Afon Mynach catchment and there is a potential linkage via the unnamed tributaries to the Nant Gau, and then into the Afon Mynach upstream of Ty Cipar. However, the distance between the works area nearest to the unnamed tributaries and the potential abstraction is over 3 km, meaning that issues are highly unlikely to be detectable at the source location.
- 3.1.10 Additional sediment control measures would be established for the track section upslope of the unnamed tributaries to the Nant Gau and no vehicle maintenance works would be undertaken in this area. No temporary soil, peat soil or aggregate storage would be undertaken in this area.

#### **Bromhault**

- 3.1.11 It has not been possible to confirm the source location or source type for Bromhault. Its location suggests that the PWS may source water from the Nant Gau upstream of the confluence with the Afon Mynach, or may use an unmapped stream, spring, well or borehole from the slope to the north of the property. Abstraction from the Nant Gau channel is the worst-case scenario and the PWS has been assessed on this basis.
- 3.1.12 The property identified is approximately 800 m north of the proposed entrance compound. The property and potential source location are located up-catchment from the Site entrance and entrance compound, indicating that there is no potential linkage from these works.
- 3.1.13 Part of the proposed infrastructure (new access tracks) are located in the Afon Mynach catchment and there is a potential linkage via the unnamed tributaries to the Nant Gau upstream of Bromhault. However, the distance between the works area nearest to the unnamed tributaries and the potential abstraction is approximately 2.4 km, meaning that issues are highly unlikely to be detectable at the source location.
- 3.1.14 Additional sediment control measures would be established for the track section upslope of the unnamed tributaries to the Nant Gau and no vehicle maintenance works would be undertaken in this area. No temporary soil, peat soil or aggregate storage would be undertaken in this area.



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### **Nant Gau**

- 3.1.15 It has not been possible to confirm the source location or source type for Nant Gau. Its location suggests that the PWS may source water from the Nant Gau upstream of the confluence with the Afon Mynach, or may use an unmapped stream, spring, well or borehole from the slope to the north of the property. Abstraction from the Nant Gau channel is the worst-case scenario and the PWS has been assessed on this basis.
- 3.1.16 The property identified is approximately 875 m north of the proposed entrance compound. The property and potential source location are located up-catchment from the Site entrance and entrance compound, indicating that there is no potential linkage from these works.
- 3.1.17 Part of the proposed infrastructure (new access tracks) are located in the Afon Mynach catchment and there is a potential linkage via the unnamed tributaries to the Nant Gau upstream of Afon Mynach. However, the distance between the works area nearest to the unnamed tributaries and the potential abstraction is approximately 2.2 km, meaning that issues are highly unlikely to be detectable at the source location.
- 3.1.18 Additional sediment control measures would be established for the track section upslope of the unnamed tributaries to the Nant Gau and no vehicle maintenance works would be undertaken in this area. No temporary soil, peat soil or aggregate storage would be undertaken in this area.

### **Maespyllan**

- 3.1.19 It has not been possible to confirm the source location or source type for Maespyllan. Its location suggests that the PWS may source water from a nearby unnamed tributary to the Nant Gau, or may use an unmapped stream, spring, well or borehole from the slope to the east of the property. Abstraction from the unnamed tributary to the Nant Gau is the worst-case scenario and the PWS has been assessed on this basis.
- 3.1.20 The property identified is approximately 575 m north of the proposed access track into the main Site area. A section of proposed track approximately 1.2 km in length skirts the slope above the headwaters tributaries to the Nant Gau upslope of the potential PWS source location. At its closest, the proposed new track is approximately 100 m from the nearest mapped watercourse within the Nant Gau catchment; this area is 1.1 km from the identified property and potential PWS location.
- 3.1.21 There is potential for changes to water flow, either a decrease or an increase, and for changes to water quality to occur at the PWS source, although the separation distance would help to mitigate these potential changes. This PWS is considered to be at risk from potential changes to water quality and/or water quantity unless additional mitigation is established.



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3.1.22 Mitigation measures are considered in **Section 4**.

#### **Hendre-bach**

3.1.23 It has not been possible to confirm the source location or source type for Hendre-bach. Its location suggests that the PWS may source water from a minor tributary to the Nant Gau or may use an unmapped stream, spring, well or borehole from the slope to the north-west or north-east of the property. It is unlikely that the PWS abstracts directly from the Nant Gau main channel.

3.1.24 The property identified is approximately 1.1 km north of the proposed new access track near Laithgwm. The property and all of the most likely source locations are located on the northern side of the Nant Gau, in a separate sub-catchment from all proposed infrastructure. There is no potential linkage between the impact source (proposed infrastructure works) and the receptor (the PWS source), and as a result there would be no impact on the water quality or quantity for this PWS.

#### **Pentre-tai-yn-y-cwm**

3.1.25 The PWS source for Pentre-tai-yn-y-cwm has been confirmed to be a spring, although its exact location has not been confirmed. The most likely location would be on the slope north of the property.

3.1.26 The property identified is approximately 975 m south-east of the proposed T10 and its hardstanding area. There is no proposed infrastructure directly upslope of the property or likely location for a spring and T10 is located within a different hydrogeological catchment area and within a separate hydrological sub-catchment.

3.1.27 There is no linkage between the impact source (proposed infrastructure works) and the receptor (the spring), and as a result there would be no impact on the water quality or quantity for this PWS.

#### **Cwm Hwylford**

3.1.28 It has not been possible to confirm the source location or source type for Cem Hwylford. Its location suggests that the PWS may source water from a minor tributary to the Nant Cefn-coch or may use an unmapped stream, spring, well or borehole from the slope to the south-west of the property. It is very unlikely that the PWS abstracts directly from the Nant Cefn-coch main channel.

3.1.29 The property identified is approximately 1.2 km south-east of the proposed T10. The property and all of the most likely source locations are located on the southern side of the Nant Cefn-coch, in a separate sub-catchment from all proposed infrastructure. There is no potential linkage between the impact source (proposed infrastructure works) and the receptor (the PWS source), and as a result there would be no impact on the water quality or quantity for this PWS.



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## 4 MITIGATION

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### 4.1 Mitigation Measures

4.1.1 Mitigation measures are required to reduce the likelihood and magnitude of effect for one property which has the potential to be directly affected by the Proposed Development. A further three properties that are unlikely to be directly affected may also benefit mitigation measures being in place, if their worst-case scenario PWS source is correct.

4.1.2 It is critical that quantity and quality of water serving the properties are not impacted during the Proposed Development's lifetime. Mitigation measures and a rigorous monitoring programme will be adopted to ensure this. The following mitigation measures are proposed for the Site and particularly for the identified PWS:

- Seek to confirm the exact location of the relevant PWS source or intake, in order to confirm whether further specific mitigation measures are necessary.
- All groundworks requiring excavation will be minimised as far as practicable, within the necessary engineering constraints for construction.
- Subject to confirmation of its location (if possible), all works in areas upslope of the potentially linked PWS (within the Afon Mynach catchment) will have additional protection measures installed prior to any excavation or construction works beginning. These will include:
  - Installation of additional lengths of silt fencing between the construction works area and the headwater streams
  - Creation of water diversion bunds to divert silty water into water treatment areas
  - Creation of settlement ponds or sumps to trap and treat any surface water with entrained sediment prior to discharge, and
  - Frequent visual and in situ monitoring of the headwaters streams downstream of the works area and upstream of the PWS to check for signs of sediment in water (turbidity), oil sheens or discolouration or changes in flow levels.
- No areas for temporary storage of soils, peat soils or aggregate will be located directly upslope or within 250 m of any of the PWS.
- No potentially polluting materials will be stored in areas directly upslope or within 250 m of any of the PWS.
- No maintenance of plant or vehicles will take place within the Afon Mynach catchment area. Any emergency repairs of plant in this catchment will have additional protection measures put in place as a priority, to include absorbent mattresses and spill protection as a minimum.
- All cables will be laid in disturbed ground adjacent to access tracks and, where possible, on the side of the track away from the Afon Mynach headwaters streams.
- In areas where cable routes cross up or down notable slopes, clay bunds or alternative impermeable barriers will be placed for every 0.5 m change in elevation along the trench to minimise in-trench shallow groundwater flow.



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- Any groundwater seepage into excavated areas will be removed to adjacent water storage in infiltration ponds or trenches, to allow re-infiltration of groundwater as near to its abstraction as practicable.
- Should any potential spillage or pollution incident be identified in any part of the Site, water testing will be undertaken prior to removal to a settlement pond or infiltration trench to ensure it has not been contaminated. Should contamination be identified, the water will be removed for treatment rather than allowed to infiltrate to groundwater. Any contaminated soils will be removed for offsite treatment and disposal.
- Water quality monitoring will be undertaken prior to and during the construction phase of the development. Water quality monitoring is discussed further in **ES Volume II, Chapter 7: Land, Soils and Water**.
- A Pollution Prevention Plan (PPP), Surface Water Management Plan (SWMP) and Emergency Incident Plan will be prepared prior to construction. It is anticipated that this will be secured by condition.
- No operational-phase drainage will discharge into the area upstream of the identified headwaters to the Nant Gau. Collected drainage will be discharged into an area without any linkage to the PWS to minimise the risk of contaminant transport arising from operational activities.

## 4.2 Assessment of Residual Risk

- 4.2.1 When (if necessary on confirmation of its location) all mitigation measures as set out above are implemented, together with a targeted and frequent monitoring programme, the residual risk to the PWS at Maespyllan is assessed as **low** in accordance to the Assessment Criteria in **ES Volume IV, Chapter 7: Land, Soils and Water**. The residual risk to the PWS at Ty Cipar, Bromhault and Nant Gau is assessed as **negligible**.





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## 5 CONCLUSIONS

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- 5.1.1 This report provides a Private Water Supplies Risk Assessment for the nine PWS locations identified through screening as having a potential linkage to the Proposed Development.
- 5.1.2 One PWS has been identified as potentially at risk (subject to confirmation of its location), with a further three PWS as having a limited risk if the worst-case scenario PWS source is correct. The remaining five PWS are not at risk from the Proposed Development.
- 5.1.3 A series of mitigation measures will be implemented to control and manage the risk to the PWS sources. When fully implemented, together with a targeted and frequent monitoring programme, the risk to the PWS is assessed as **low** or **negligible**.



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## ANNEX A – PWS QUESTIONNAIRE EXAMPLE

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19/03/2025

Our reference: 2760978

WRc Ltd,  
RSK Science and Technology Park,  
Stockport Road,  
Hattersley,  
SK14 3QU

[www.wrcgroup.com](http://www.wrcgroup.com)

[property address]

Dear Sir or Madam,

### Private Water Supplies information

WRc is undertaking a survey on behalf of Coriolis Energy and ESB in relation to the proposed Foel Fach Wind Farm.

The purpose of the survey is to identify properties using private water supplies and, if possible, to locate the water supply source and connecting pipework, in order to ensure that all private water supplies in the area can be properly protected during any future wind farm construction work.

We would be grateful for your assistance by completing and returning the attached questionnaire in the envelope provided.

If you have any questions about this work, please feel free to contact me on the details below, or contact Katie Symmonds (RSK Project Manager) on [KSymmonds@rsk.co.uk](mailto:KSymmonds@rsk.co.uk).

Yours faithfully,

Giles Exley

Senior Environmental Consultant

[Giles.Exley@wrcgroup.com](mailto:Giles.Exley@wrcgroup.com)



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Property name:	
Do you use a private water supply?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If you use a private supply:	
Do you share your water supply with other properties?	<input type="checkbox"/> No <input type="checkbox"/> Yes (please specify which properties)
What kind of source does your supply have?	<input type="checkbox"/> Stream <input type="checkbox"/> Spring <input type="checkbox"/> Well <input type="checkbox"/> Borehole <input type="checkbox"/> Other (please specify)
Is there any protection for your source intake? E.g. borehole or well cap, fenced or walled off area	
Have you ever experienced any issues with your supply?	<input type="checkbox"/> No water <input type="checkbox"/> Low water <input type="checkbox"/> Discolouration <input type="checkbox"/> Problems with taste/smell <input type="checkbox"/> Other (please specify)
If you experience problems, roughly how often do these occur?	



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Where is the source/stream intake? Please give a grid reference if possible, or indicate on the attached map

Can you describe or show on the enclosed map the (approximate) route of your water pipes from the source to your property?

Is there anything else you would like to mention relating to your water supply?



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## ANNEX B – PWS SCREENING

No.	Council ID	Name	Post Code	Source	Easting	Northing	Potential Linkage
1	7336	Cwm Hwylfod	LL23 7LN	Unknown	295608	339995	Potential linkage via watercourse
2	5649	Ty Cipar	LL23 7EB	Unknown	290975	341385	Potential linkage downstream of infrastructure
3	N/A	Bromhault		Unknown	291167	341827	Potential linkage downstream of infrastructure
4	N/A	Nant Gau		Unknown	291283	341898	Potential linkage downstream of infrastructure
5	N/A	Hendre-bach		Unknown	291879	342153	Potential linkage downstream of infrastructure
6	N/A	Maespyllan		Unknown	292364	341794	Potential linkage downstream of infrastructure
7	N/A	Wern Fawr		Spring	291923	340665	Potential linkage from access tracks
8	N/A	Llaithgwm		Spring	292268	340790	Potential linkage from access tracks
9	N/A	Pentre-tai-yn-y-cwm		Spring	295574	340261	Potential linkage via watercourse
10-12	N/A	Glan-yr-afon (3 properties)		Mains	291028	340934	None – not PWS
13	7374	Ty Nant	LL23 7YS	Unknown	287082	338058	No linkage – different catchment



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No.	Council ID	Name	Post Code	Source	Easting	Northing	Potential Linkage
14	5827	Ty Uchaf	LL23 7UN	Unknown	288291	340315	No linkage – different catchment
15	9837	Ty Isaf	LL23 7UN	Unknown	288416	340249	No linkage – different catchment
16	10262	Ty Isaf	LL23 7UF	Unknown	288416	340249	No linkage – different catchment
17	7750	Fferm Garth Isaf	LL23 7SD	Unknown	288919	340358	No linkage – different catchment
18	4164	Pen Y Coed	LL23 7SA	Unknown	289186	340334	No linkage – different catchment
19	6340	Cefn Isaf	LL23 7RG	Unknown	289198	338897	No linkage – different catchment
20	5584	Maes Gwyn	LL23 7RA	Unknown	289997	338005	No linkage – different catchment
21	8258	Maes Gwyn	LL23 7PW	Unknown	289997	338005	No linkage – different catchment
22	9555	Hafod Yr Esgob Uchaf	LL23 7PS	Unknown	290784	343270	No linkage – different sub-catchment
23	N/A	Unknown	LL23 7NY	Unknown	290901	339435	No linkage – different catchment
24	11173	Tyddyn Phillip	LL23 7NU	Unknown	291238	337966	No linkage – different catchment
25	N/A	Unknown	LL23 7LW	Unknown	291249	339739	No linkage – different catchment
26	N/A	Unknown	LL23 7LN	Unknown	291642	339805	No linkage – different catchment



Energy for  
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No.	Council ID	Name	Post Code	Source	Easting	Northing	Potential Linkage
27	N/A	Unknown	LL23 7LD	Borehole	291669	338798	No linkage – different catchment
28	N/A	Unknown	LL23 7LA	Unknown	291983	338053	No linkage – different catchment
29	N/A	Unknown	LL23 7HY	Borehole	292153	338766	No linkage – different catchment
30	5732	Penrallt	LL23 7HT	Unknown	292282	336341	No linkage – different catchment
31	N/A	Unknown	LL23 7HD	Borehole	292373	338157	No linkage – different catchment
32	N/A	Unknown	LL23 7EP	Unknown	292434	342177	No linkage – upstream of development
33	5489	Bryn Selwrn	LL23 7ED	Unknown	292516	335885	No linkage – different catchment
34	N/A	Erw Dinmael	LL23 7DY	Unknown	292562	346214	No linkage – different catchment
35	10422	Tyn Llwyn	LL23 7DR	Unknown	292907	337963	No linkage – different catchment
36	N/A	Unknown	LL23 7DP	Borehole	293273	338289	No linkage – different sub-catchment
37	N/A	Unknown	LL23 7DP	Unknown	293274	342432	No linkage – upstream of development
38	N/A	Cwmoerddwr	LL23 7DF	Unknown	293302	346894	No linkage – different catchment
39	N/A	Unknown	LL21 0PE	Unknown	293373	338093	No linkage – different sub-catchment





Energy for  
generations



No.	Council ID	Name	Post Code	Source	Easting	Northing	Potential Linkage
40	N/A	Hafotty Cerrig	LL21 0PH	Unknown	293460	346415	No linkage – different catchment
41	N/A	Pant Glas	LL21 0PH	Unknown	293696	344939	No linkage – different catchment
42	N/A	Aeddren Uchaf	LL21 0PF	Unknown	293803	344178	No linkage – different catchment
43	N/A	Unknown	LL21 0NW	Unknown	293811	338637	No linkage – different sub-catchment
44	N/A	Aeddren Isaf	LL21 0HE	Unknown	293819	344125	No linkage – different catchment
45	N/A	Hendre Uchaf	LL21 0HE	Unknown	294173	345165	No linkage – different catchment
46	N/A	Bryn Ffynnon	LL21 0RB	Unknown	294305	345301	No linkage – different catchment
47	N/A	Unknown	LL21 0PT	Borehole	294326	338636	No linkage – different sub-catchment
48	N/A	Bron Y Graig	LL21 0PT	Unknown	294370	344709	No linkage – different catchment
49	N/A	Pen-Y-Gob	LL21 0PE	Unknown	294430	344964	No linkage – different catchment
50	11051	Berth Lafar	LL21 0PE	Unknown	294615	336439	No linkage – different catchment
51	N/A	Llwyn-Y-Cwbl		Unknown	294657	344679	No linkage – different catchment
52	N/A			Unknown	294670	339369	No linkage – different catchment



Energy for  
generations



No.	Council ID	Name	Post Code	Source	Easting	Northing	Potential Linkage
53	10265	Tyn Y Ffridd	LL23 7UN	Unknown	294672	337912	No linkage – different catchment
54	N/A	Plas Newydd		Unknown	294724	344489	No linkage – different catchment
55	4224	Creigiau Isaf	LL23 7LW	Unknown	294727	339100	No linkage – different sub-catchment
56	N/A	Henblas		Unknown	294745	344499	No linkage – different catchment
57	N/A	Nant Y Pyd		Unknown	294799	344141	No linkage – different catchment
58	N/A	Nant Yr Helyg		Unknown	294855	345614	No linkage – different catchment
59	N/A	White Well		Unknown	294959	346123	No linkage – different catchment
60	N/A	Ffynnon Wen House		Unknown	294983	346147	No linkage – different catchment
61	N/A	Pennant Ty Nant		Unknown	294987	345572	No linkage – different catchment
62	N/A	Tyn Y Ffridd		Unknown	295441	344225	No linkage – different catchment
63	N/A	Plas Nant		Unknown	295523	346272	No linkage – different catchment
64	10250	Bryn Ethol	LL23 7HD	Unknown	295579	337685	No linkage – different sub-catchment
65	5484	Bryn Banon	LL23 7DP	Unknown	295648	336872	No linkage – different catchment



Energy for  
generations



No.	Council ID	Name	Post Code	Source	Easting	Northing	Potential Linkage
66	N/A	Llwyn Marli		Unknown	295784	344365	No linkage – different catchment
67	N/A	Bryn Nannau		Unknown	295826	345974	No linkage – different catchment
68	N/A	Ceseilgwm		Unknown	295879	343591	No linkage – different catchment
69	N/A	Tyn Y Bryn		Unknown	296002	344250	No linkage – different catchment
70	N/A	Ty'N-Y-Celyn		Unknown	296100	344378	No linkage – different catchment
71	N/A	Cwm Llan	LL21 0RB	Unknown	296113	343020	No linkage – different catchment
72	9092	Bod Eryl	LL23 7DP	Unknown	296238	336425	No linkage – different catchment
73	9774	Coed Y Bedo	LL23 7LN	Unknown	296329	340138	No linkage – upstream of development
74	N/A	Tyddin Eli		Unknown	296355	343914	No linkage – different catchment
75	N/A	Ty'N Y Foelas Llangwm		Unknown	296453	343887	No linkage – different catchment
76	N/A	Tai Newyddion Llangwm		Unknown	296528	343727	No linkage – different catchment
77	N/A	Arddwyfaen		Unknown	296531	346262	No linkage – different catchment
78	7102	Llannerch Yr Eryr	LL23 7DR	Unknown	296591	336695	No linkage – different catchment



Energy for  
generations



No.	Council ID	Name	Post Code	Source	Easting	Northing	Potential Linkage
79	N/A	Bron Llan		Unknown	296699	344338	No linkage – different catchment
80	N/A	Melysfan		Unknown	296935	344486	No linkage – different catchment
81	7618	Rhyd Y Ffos	LL21 0PH	Unknown	297238	341080	No linkage – different catchment
82	N/A	Fron Ucha		Unknown	297279	344411	No linkage – different catchment
83	N/A	Fron Isa		Unknown	297713	344869	No linkage – different catchment
84	N/A	Tai Uchaf Ty Nant		Unknown	297905	344367	No linkage – different catchment
85	N/A	Pendre		Unknown	298035	345627	No linkage – different catchment
86	N/A	Tyn-Y-Pistyll	LL21 0PT	Unknown	298138	345384	No linkage – different catchment
87	N/A	Llwyn-Y-Saint		Unknown	298286	344446	No linkage – different catchment
88	7305	Tyddyn Llan	LL23 7HT	Unknown	298303	337137	No linkage – different catchment
89	N/A	Disgarth Uchaf Ty Nant		Unknown	298341	345291	No linkage – different catchment
90	N/A	Disgarth Isaf	LL21 0PT	Unknown	298567	344895	No linkage – different catchment
91	N/A	Sianberwen		Unknown	298614	344678	No linkage – different catchment



Energy for  
generations



No.	Council ID	Name	Post Code	Source	Easting	Northing	Potential Linkage
92	N/A	Llyn Dedwydd	LL21 0PE	Unknown	298714	343527	No linkage – different catchment
93	N/A	Ysgubor Bedwyn		Unknown	298758	343563	No linkage – different catchment
94	9094	Bod Elith Isaf	LL23 7LA	Unknown	298799	339154	No linkage – different catchment
95	N/A	Ty Nant-Y-Llwyn	LL21 0PE	Unknown	298937	343297	No linkage – different catchment
96	10191	Tyn Y Fron	LL23 7RG	Unknown	299242	338252	No linkage – different catchment
97	8968	Tyn Y Fron	LL23 7RA	Unknown	299242	338252	No linkage – different catchment
98	12069	Tyn Y Fron	LL23 7DF	Unknown	299242	338252	No linkage – different catchment
99	N/A	Fachddeiliog	LL21 0PE	Unknown	299311	343964	No linkage – different catchment
100	7362	Hafod Tudur	LL21 0HE	Unknown	299569	341424	No linkage – different catchment
101	8337	Crud Y Werin	LL23 7LD	Unknown	299587	340066	No linkage – different catchment
102	7110	Gwern Braich Dwr	LL21 0PF	Unknown	299722	342212	No linkage – different catchment
103	4035	Tyn Yr Erw	LL21 0HE	Unknown	300042	341833	No linkage – different catchment