



Achany Wind Farm Extension Grid Connection

Appendix 7.3: Schedule of Watercourse Crossings

SSEN Transmission

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SLR Project No.: 428.V64120.00001

16 October 2024

Revision: 03

Revision Record

Revision	Date	Prepared By	Checked By	Authorised By
01	27 August 2024	K Rainford	G Robb	G Robb
02	15 September 2024	K Rainford	G Robb	G Robb
03	16 October 2024	K Rainford	G Robb	G Robb
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Basis of Report

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Table of Contents

Basis of Report i

1.0 Introduction 1

1.1 Relevant Legislation 1

2.0 Watercourse Crossing Details..... 2



1.0 Introduction

This Technical Appendix contains information relating to the proposed permanent and temporary watercourse crossings required to facilitate the Proposed Development.

This report presents photographs and dimensions for each proposed new crossing point. The final design of each crossing solution would be agreed with Scottish Environment Protection Agency (SEPA) prior to construction and be determined as part of the detailed site design.

The survey of the proposed watercourse crossings was undertaken in May 2024 by experienced SLR hydrologists.

The location of the watercourse crossings is shown in **Figure 7.1a – 7.1d** of the EA Report.

1.1 Relevant Legislation

The Water Framework Directive (2000/60/EC) (WFD) has been transposed into Scottish legislation as the Water Environment and Water Services (Scotland) Act 2003¹ (or WEWS) and has given Scottish ministers powers to introduce regulatory controls over activities in order to protect and improve Scotland's water environment. The water environment includes wetlands, rivers, lochs, transitional waters (estuaries), coastal waters and groundwater. These regulatory controls, known as the Water Environment (Controlled Activities) (Scotland) Regulations 2011² (CAR) came into force in 2011 and have since been amended in 2013, 2017, and 2021.

With respect to watercourse crossings, CAR requires that all engineering works in inland surface waters and wetlands are subject to authorisation and allow for proportionate risk-based regulation which is outlined in the CAR Practical Guide³. SEPA provide authorisation for watercourse crossings shown on the 1:50,000 scale Ordnance Survey (OS) maps (Landranger Series). All other watercourses are classed as "minor watercourse" and are exempt under CAR.

The design, construction and/or improvements to the crossings would be agreed with SEPA prior to any construction works commencing in accordance with CAR as part of the detailed development design.


¹ Water Environment and Water Services (Scotland) Act 2003, available at <https://www.legislation.gov.uk/asp/2003/3/contents> [Accessed July 2024]

² Water Environment (Controlled Activities) (Scotland) Regulations 2011, available at <https://www.legislation.gov.uk/ssi/2011/209/contents/made> [Accessed July 2024]



³ SEPA (June 2023) The Water Environment (Controlled Activities) (Scotland) Regulations 2011 (as amended), A Practical Guide, available at https://www.sepa.org.uk/media/34761/car_a_practical_guide.pdf [Accessed July 2024]



2.0 Watercourse Crossing Details

Watercourse Crossing ID	WX01
Watercourse Crossing Details	<p>NGR: NC 46015 08264</p> <p>Status: New Temporary Track Crossing and New Permanent Crossing associated with proposed UGC.</p> <p>Watercourse Width: 1.8 m</p> <p>Watercourse Depth: 0.2 m</p> <p>Notes: None.</p>
Photograph Looking Upstream	 A photograph showing a narrow, shallow watercourse flowing through a grassy field. The water is dark and reflects the sky. The banks are covered in green grass and some low-lying shrubs. In the background, there are rolling hills under a clear sky.
Photograph Looking Downstream	 A photograph showing a watercourse flowing through a grassy field, viewed from a higher angle. The water is dark and reflects the sky. The banks are covered in green grass and some low-lying shrubs. The water appears to be flowing over some rocks or a slight dip in the bed.



Watercourse Crossing ID	WX02
Watercourse Crossing Details	NGR: NC 45925 08169 Status: New Temporary Track Crossing and New Permanent Crossing associated with proposed UGC. Watercourse Width: 0.4 m Watercourse Depth: 0.1 m Notes: None.
Photograph Looking Upstream	 A photograph showing a narrow, shallow watercourse flowing through a grassy field. The water is dark and still, reflecting the surrounding vegetation. The field is covered in green grass and some purple heather. In the background, there are rolling hills under a bright sky.
Photograph Looking Downstream	 A photograph showing a narrow, shallow watercourse flowing through a grassy field. The water is dark and still, reflecting the surrounding vegetation. The field is covered in green grass and some purple heather. In the background, there are rolling hills under a bright sky.



Watercourse Crossing ID	WX03
Watercourse Crossing Details	<p>NGR: NC 45811 08000</p> <p>Status: New Temporary Track Crossing and New Permanent Crossing associated with proposed UGC.</p> <p>Watercourse Width: 0.2 m</p> <p>Watercourse Depth: 0.2 m</p> <p>Notes: Watercourse located in a slightly larger channel (0.6m deep) and incised in peat.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX04
Watercourse Crossing Details	<p>NGR: NC 52195 01799</p> <p>Status: New Temporary Track Crossing.</p> <p>Watercourse Width: 1 m</p> <p>Watercourse Depth: 0.2 m</p> <p>Notes: Watercourse incised in peat with long grasses and reeds.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	





Watercourse Crossing ID	WX05
Watercourse Crossing Details	<p>NGR: NC 52207 01734</p> <p>Status: New Temporary Track Crossing.</p> <p>Watercourse Width: 0.3 m</p> <p>Watercourse Depth: 0.3 m</p> <p>Notes: Incised in peat.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	




Watercourse Crossing ID	WX06
Watercourse Crossing Details	<p>NGR: NH 54695 99886</p> <p>Status: New Permanent Track Crossing.</p> <p>Watercourse Width: 0.7 m</p> <p>Watercourse Depth: 0.2 m</p> <p>Notes: None.</p>
Photograph Looking Upstream	 A photograph showing a dense forest of evergreen trees in the background. In the foreground, there is a field of tall, dry, brownish-purple grasses and ferns. A red surveying pole with a black crossbar is visible in the middle ground, leaning against the vegetation.
Photograph Looking Downstream	 A photograph showing a dense forest of evergreen trees in the background. In the foreground, there is a field of tall, dry, brownish-purple grasses and ferns. A red surveying pole with a black crossbar is visible in the middle ground, leaning against the vegetation.



Watercourse Crossing ID	WX07
Watercourse Crossing Details	<p>NGR: NH 57119 97566</p> <p>Status: New Temporary Track Crossing.</p> <p>Watercourse Width: 0.9 m</p> <p>Watercourse Depth: 0.2 m</p> <p>Notes: Watercourse located in wider channel up to 1.5m deep. Channel heavily vegetated. Pipework noted within and near channel near proposed crossing location. Use existing crossing point if safe to do so.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX08
Watercourse Crossing Details	<p>NGR: NH 57112 97548</p> <p>Status: New Temporary Track Crossing.</p> <p>Watercourse Width: 1 m</p> <p>Watercourse Depth: 0.2 m</p> <p>Notes: Proposed crossing located immediately upstream of an existing stone culvert which conveys water under the existing track. Pipework is noted across the culvert entrance. Watercourse is heavily vegetated. Use existing track crossing if possible.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	