AI Technical Appendix 8.5 Watercourse Crossing Inventory

1 Introduction

This appendix details the updated watercourse crossing assessment for the Revised Layout. The assessment for the Original Layout, including the legislation, desk study and hydrological context are detailed in **Appendix 8.5: Watercourse Crossing Inventory** of the **EIA Report**.

This appendix should be read in conjunction with **AI Chapter 8: Geology, Hydrology, Hydrogeology and Peat** of the **Additional Information (AI) Report**.

2 Updated watercourse crossing inventory

The revised development has removed five watercourse crossings (WC1, WC2, WC3, WC6, and WC7), relocated watercourse crossings WC4 and WC5 about 50 m further downstream and added two new crossings, WC8 and WC9 for the new layout.

Crossings WC1 and WC2 are no longer needed due to the removal of turbine T5 and the associated track. The adjustment to the track layout between T02 and T03 has resulted in the removal of WC3 and the movement of WC4 about 50 m downstream along with a similar downstream movement for WC5.

The removal of the access track from the public road to T2 has also removed the need for crossings WC6 and WC7, however the new access track that now is proposed to run up to turbine T12 requires an additional minor crossing, WC8.

In addition, the adjustments of turbine T11 to reduce the interaction with peat requires a new minor crossing WC 9. The two new watercourse crossings required for the Revised Development are detailed below:

Table 1: Details of additional watercourse crossing locations

ID	Grid Reference		Watercourse Name	Infrastructure Location	Type of Crossing	Description
	Easting	Northing				
WC 8	276767	833802	Unnamed watercourse to Loch Moy 1:25k OS mapped	Access track near construction compound	New crossing	**Channel:** 70 cm wide 30 cm deep, Gentle sinuous, vegetated banks and bottom, slow flowing, gentle gradient. **Substrate:** vegetated organic soil.
WC 9	275355	832613	Unnamed tributary to the Allt na Loinne Moire 1:25k OS mapped	Access track to T11	New crossing	**Channel:** 50 cm wide 30 cm, gentle sinuous channel, series of pools present, slow flow. **Valley:** 5m wide, 1.5 m deep peat erosion gulley, U-shaped, vegetated. Spahgnum present in the valley. **Substrate:** deep gravel silt sand.