



Barnesmore Gap Greenway

Appendix 10.2: Structure Foundations and Hydrogeological Receptors

Donegal County Council

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10.2 Proposed Structure Foundation Depths and Groundwater Receptors (within 100m)

Table 10-1 - Proposed Structure Foundation Depths and Groundwater Receptors (within 100m)

Chainage	Structure ID	Description	Closest GI borehole/ trial pit	Bedrock depth (mbGL)	Groundwater encountered (mbGL)	Groundwater Receptors within 100m	Importance
Lough Eske Loop West 55	S04	River Eske crossing bridge	DP007	2	-	Lough Eske and Ardnamona Wood SAC	Extremely High
						Abstraction 1737NEW001	Low
6670	S06	Watercourse crossing at St Francis' bridge	BH003, EGBH09, TP012	2.18 – 4.21	Water strikes: 1.2 and 2.8	Lough Eske and Ardnamona Wood SAC	Extremely High
12310	S10	Biddy O' Barnes bridge	BH006, BH006A, TP020	0.6 – 0.7	Water strike: 1.2	Barnesmore Bog NHA	Very High
27260	S17	Sessiagh View Road crossing bridge	TP035	1.4	-	-	-
29470	S20	River Finn Bridge (southern approach)	TP038, BH011	2.7	-	River Finn SAC	Extremely High
29470	S20	River Finn Bridge (northern approach)	BH009, TP039, BH010	4.5 - 7	-	River Finn SAC	Extremely High

