

APPENDIX 9.4

Schedule of WaterCourse Crossings

Appendix 9-4: Watercourse Crossing Schedule (Wind Farm and Grid Connection)

Crossing ID	Easting (ITM)	Northing (ITM)	Feature	EPA Watercourse Name	EPA Code	Existing Crossing Description	Existing Crossing Details	Environmental Sensitivity	Proposed Crossing Methodology
Wind Farm									
WF-WC-01	620985	652584	Stream	North Glengoole	16N28	Existing, well established culvert With machine pass, rail bed, and associated drainage overtop	Open and working upstream and downstream. Corrugated circular culvert pipe. Heavy tree and scrub growth at inlet and outlet. Culvert diameter 1.2m, culvert length ~52m	Natural watercourse - Moderate Sensitivity	This crossing is in good condition and the culvert will be well below any construction works. There will be no need to interfere with the existing crossing unless a structural issue is identified.
WF-WC-02	621133	652822	Stream	Black [Two Mile Borris]	16B01	Existing, well established culvert With machine pass, rail bed, and associated drainage overtop.	Open and working upstream and downstream. Corrugated circular culvert pipe. Heavy tree and scrub growth at inlet and outlet. Culvert diameter 1.5m, culvert length ~55m	Natural watercourse - Moderate Sensitivity	This crossing is in good condition and the culvert will be well below any construction works. There will be no need to interfere with the existing crossing unless a structural issue is identified.
WF-C1	621502	650957	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Proposed to redirect this drain
WF-C2	621310	651303	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Proposed to redirect this drain
WF-C3	620698	651995	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Proposed to redirect this drain
WF-C4	622232	654705	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C5	623519	656564	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C6	623929	655614	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C7	623204	654519	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C8	623234	654563	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C9	621684	653821	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C10	623631	655167	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C11	623468	656162	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C12	623867	656348	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C13	623676	658874	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-C14	623848	657151	Bog drain	N/A	N/A	N/A	N/A	The drains are of no ecological significance	Should be simple culvert crossings within the peat.
WF-E1	623716	656958	Bog drain	N/A	N/A	Existing culvert	Existing culvert	The drains are of no ecological significance	Existing culvert is to be extended
Grid Connection									
GC-WC-01	624884	660459	River	Drish River	16D02	Existing road bridge	Double large diameter culvert	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-02	627557	662814	River	Goul River	15G02	Existing road bridge	Double large diameter culvert	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-03	628129	663283	Stream	Ardreagh Stream	15A03	Existing road bridge	Double span bridge culvert	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-04	630026	663573	Stream	Borrisbeg Stream	15B18	Existing road bridge	Single masonry arch bridge	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-05	631586	663278	Stream	Borrisbeg Stream	15B18	Existing road bridge	Skew concrete culvert	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-06	635357	663902	Stream	Clomantagh_Lower Stream (not present)	15C91	None	N/A	Based on site surveys no WC is present	Within road
GC-WC-07	640307	664969	Stream	Gorteenahilla Stream	15G08	Existing road bridge	Single stone arch bridge	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-08	640626	665400	Stream	No EPA mapped stream at this location	N/A	Existing road bridge	Single arch humpback bridge	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-09	642120	667578	Stream	Lismaine Stream	15L16	Existing road bridge	Skew box culvert	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-10	643572	668666	Stream	Lisdowney Stream	15L02	Existing road bridge	Existing stone arch road bridge	Natural watercourse - Moderate Sensitivity	HDD
GC-WC-11	643930	671951	River	River Nore	15N01	No existing crossing	N/A	Designated as an SAC and salmonid protected watercourse - Very High Sensitivity	HDD

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