

Norfolk Boreas Offshore Wind Farm

Appendix 20.4

Watercourse Crossing Schedule

Environmental Statement

Volume 3

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1 Introduction

1. This appendix provides details of the crossing techniques that are proposed for each of the watercourses along the onshore cable route under Scenario 2 for Norfolk Boreas. It also identifies the watercourses where a temporary crossing may be required for the running track under Scenario 1 (identified with a *).
2. The location of each crossing is provided in Table 1.1 and shown on Figure 20.1.4 (in Appendix 20.1 Annex 1, document reference 6.3.20.1).

Table 1.1 Watercourse crossing techniques

ID	Method	Chainage (km)	Watercourse type	Watercourse	Sub-catchment	Catchment	WFD water body
11(3)(1)*	Open cut	5.563	Ordinary watercourse	Hundred Stream	East Ruston Stream	Ant	East Ruston Stream
11(3)(2)*	Open cut	5.574	IDB drain	Hundred Stream	East Ruston Stream	Ant	East Ruston Stream
24(11)(1)	Trenchless	10.834	IDB drain	N Walsham & Dilham Canal	N Walsham & Dilham Canal	Ant	N Walsham & Dilham Canal
24(11)(5)	Trenchless	10.851	Ordinary watercourse	N Walsham & Dilham Canal	N Walsham & Dilham Canal	Ant	N Walsham & Dilham Canal
24(11)(7)	Trenchless	10.857	Main river	N Walsham & Dilham Canal	N Walsham & Dilham Canal	Ant	N Walsham & Dilham Canal
24(11)(11)	Trenchless	10.977	Ordinary watercourse	N Walsham & Dilham Canal	N Walsham & Dilham Canal	Ant	N Walsham & Dilham Canal
27(1)(1)*	Open cut	12.700	Ordinary watercourse	Unnamed (Brick Kiln Farm)	N Walsham & Dilham Canal	Ant	N Walsham & Dilham Canal
28(4)(3)*	Open cut	13.154	Ordinary watercourse	Unnamed (Grammar School Farm)	N Walsham & Dilham Canal	Ant	N Walsham & Dilham Canal
33(3)(3)	Open cut	15.182	Ordinary watercourse	Unnamed (Cooke's Bottoms)	King's Beck	Bure	King's Beck
35(2)(2)*	Open cut	16.439	IDB drain	Suffield Beck	King's Beck	Bure	King's Beck
39(11)(1)	Trenchless	17.753	Ordinary watercourse	Blackwater Beck	King's Beck	Bure	King's Beck
39(11)(4)	Trenchless	17.839	Ordinary watercourse	Blackwater Beck	King's Beck	Bure	King's Beck
39(11)(7)	Trenchless	17.865	Ordinary watercourse	Blackwater Beck	King's Beck	Bure	King's Beck
39(11)(9)	Trenchless	17.871	IDB drain	Blackwater Beck	King's Beck	Bure	King's Beck
39(11)(11)	Trenchless	17.889	Ordinary watercourse	Blackwater Beck	King's Beck	Bure	King's Beck
41(6)(1)	Open cut	18.804	Ordinary watercourse	Unnamed (Colby Hall)	King's Beck	Bure	King's Beck
41(6)(3)	Open cut	18.844	Ordinary watercourse	Unnamed (Colby Hall)	King's Beck	Bure	King's Beck
47(7)(1)	Trenchless	21.521	Ordinary watercourse	River Bure	River Bure	Bure	Bure (Scarrow-Horstead)
47(7)(4)	Trenchless	21.590	Main river	River Bure	River Bure	Bure	Bure (Scarrow-Horstead)

ID	Method	Chainage (km)	Watercourse type	Watercourse	Sub-catchment	Catchment	WFD water body
52(11)(4)*	Open cut	24.400	Ordinary watercourse	Unnamed (Silvergate)	River Bure	Bure	Bure (Scarrow-Horstead)
52(11)(7)*	Open cut	24.416	IDB drain	Unnamed (Silvergate)	River Bure	Bure	Bure (Scarrow-Horstead)
52(11)(8)*	Open cut	24.431	Ordinary watercourse	Unnamed (Silvergate)	River Bure	Bure	Bure (Scarrow-Horstead)
52(11)(9)*	Open cut	24.441	Ordinary watercourse	Unnamed (Silvergate)	River Bure	Bure	Bure (Scarrow-Horstead)
52(11)(10)*	Open cut	24.462	Ordinary watercourse	Unnamed (Silvergate)	River Bure	Bure	Bure (Scarrow-Horstead)
59(3)(1)	Open cut	29.802	IDB drain	Unnamed (Southgate)	Blackwater	Wensum	Blackwater Drain (Wensum)
61(8)(3)	Open cut	30.813	Ordinary watercourse	Booton Watercourse	Blackwater	Wensum	Blackwater Drain (Wensum)
61(8)(4)	Open cut	30.882	IDB drain	Booton Watercourse	Blackwater	Wensum	Blackwater Drain (Wensum)
64(2)(1)	Open cut	31.524	Ordinary watercourse	Unnamed (Bath Plantation)	Blackwater	Wensum	Blackwater Drain (Wensum)
65(1)(1)	Open cut	31.828	Ordinary watercourse	Unnamed (Bath Plantation)	Blackwater	Wensum	Blackwater Drain (Wensum)
70(3)(1)	Open cut	33.842	Ordinary watercourse	Reepham Stream (east)	Blackwater	Wensum	Blackwater Drain (Wensum)
72(3)(3)	Trenchless	34.637	IDB drain	Unnamed (Kerdiston)	Blackwater	Wensum	Blackwater Drain (Wensum)
73(4)(1)	Open cut	35.146	IDB drain	Reepham Stream (west)	Blackwater	Wensum	Blackwater Drain (Wensum)
77(2)(1)*	Open cut	37.318	Ordinary watercourse	Unnamed (Jordan Green)	Blackwater	Wensum	Blackwater Drain (Wensum)
78(6)(2)	Open cut	38.593	Main river	Unnamed (Sparham House)	Blackwater	Wensum	Blackwater Drain (Wensum)
78(6)(4)	Open cut	38.665	Ordinary watercourse	Unnamed (Sparham House)	Blackwater	Wensum	Blackwater Drain (Wensum)
86(8)(3)	Trenchless	42.943	IDB drain	River Wensum	River Wensum	Wensum	Wensum us Norwich

ID	Method	Chainage (km)	Watercourse type	Watercourse	Sub-catchment	Catchment	WFD water body
86(8)(7)	Trenchless	42.985	Main river	River Wensum	River Wensum	Wensum	Wensum us Norwich
87(7)(3)	Trenchless	43.035	IDB drain	River Wensum	River Wensum	Wensum	Wensum us Norwich
87(7)(5)	Trenchless	43.124	IDB drain	Penny Spot Beck	Penny Spot Beck	Wensum	Wensum us Norwich
88(4)(1)	Trenchless	43.222	Ordinary watercourse	Penny Spot Beck	Penny Spot Beck	Wensum	Wensum us Norwich
90(2)(1)	Open cut	44.294	Ordinary watercourse	Penny Spot Beck	Penny Spot Beck	Wensum	Wensum us Norwich
91(3)(1)*	Open cut	45.237	Ordinary watercourse	Unnamed (Frog's Hall)	Penny Spot Beck	Wensum	Wensum us Norwich
91(3)(3)*	Open cut	45.436	Ordinary watercourse	Unnamed (Frog's Hall)	Penny Spot Beck	Wensum	Wensum us Norwich
94(3)(2)	Open cut	46.568	Ordinary watercourse	Unnamed (Frog's Hall)	Penny Spot Beck	Wensum	Wensum us Norwich
95(7)(6)	Open cut	46.981	Ordinary watercourse	Unnamed (Frog's Hall)	Penny Spot Beck	Wensum	Wensum us Norwich
103(7)(6)	Trenchless	51.659	Main river	Wendling Beck	Wendling Beck	Wensum	Wendling Beck
104(3)(1)	Trenchless / Open Cut	51.872	Ordinary watercourse	Unnamed (Little Wood)	Wendling Beck	Wensum	Wendling Beck
105(3)(1)	Trenchless	52.334	Ordinary watercourse	Unnamed (Little Wood)	Wendling Beck	Wensum	Wendling Beck
109(1)(1)	Open cut	53.823	Ordinary watercourse	Unnamed (Bushy Common)	Wendling Beck	Wensum	Wendling Beck
110(3)(1)*	Trenchless	54.78	Main river	Wendling Beck	Wendling Beck	Wensum	Wendling Beck
114(1)(1)*	Open cut	56.955	Ordinary watercourse	Unnamed (Bradenham)	Wendling Beck	Wensum	Wendling Beck
115(2)(2)	Open cut	57.271	Ordinary watercourse	Unnamed (Bradenham)	Wendling Beck	Wensum	Wendling Beck
119(2)(1)	Open cut	59.477	Ordinary watercourse	Unnamed (Bradenham)	Wendling Beck	Wensum	Wendling Beck
122(1)(1)	Open cut	61.025	Ordinary watercourse	Unnamed (Lodge Farm)	River Wissey	Wissey	Wissey - Upper
123(2)(1)	Open cut	61.399	Ordinary watercourse	Unnamed (Lodge Farm)	River Wissey	Wissey	Wissey - Upper
124(2)(1)	Open cut	61.890	Ordinary watercourse	Unnamed (Lodge Farm)	River Wissey	Wissey	Wissey - Upper
124(2)(2)/ 124(2)(3)^	Open cut	61.892	Ordinary watercourse	Upper Wissey	River Wissey	Wissey	Wissey - Upper

* Temporary crossing required for running track under Scenario 1

^ Alternate crossing point for onshore 400kV cable route under Scenario 1

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