

Norfolk Boreas Offshore Wind Farm

Appendix 24.21

Scenario 2 – GHD Summary of Deliveries per Infrastructure Component

Environmental Statement

Volume 3

Applicant: Norfolk Boreas Limited
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Photo: Ormonde Offshore Wind Farm

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GHD Summary of Deliveries per Infrastructure Component

Note: Materials in Bold/Italic are to be both delivered and removed from site

Orange and Green colours within cells denote figures used for related total sums

Weekly HGV Deliveries per 150m	Scenario 2	Notes
CBS	13.3	
Trench Excavated Material	22.1	
Running track stone (aggregate)	27.0	
Fencing	0.7	
Ducts	0.5	
Cable Tiles	0.2	
Weekly TOTAL	63.8	
Daily Average	12.8	
Demobilisation Daily Average	16.6	450m a week demob of fence and aggregate

Mobilisation Area Setup	Scenario 2	Notes
Stone (Aggregate)	150.0	Requires removal
Fencing	1.0	Requires removal
Welfare facilities and associated infrastructure	4.0	Requires removal
TOTAL	155.0	
Daily Average	3.9	8 week construction period

Onshore Trenchless		
Mobilisation/Demobilisation	20.0	
Stone (Aggregate)	187.5	
Water	2.5	
Geotextiles	8.4	
Drilling Rig	1.0	
Fencing	0.9	
Excavated material (crossings)	35.4	
Daily Week 1 & 5	43.5	
Daily Week 2-4	2.5	3 week drilling (Crossing)

Landfall (HDD)		NB Only
Mobilisation/Demobilisation	20.0	
Stone (Aggregate)	45.0	
Water	3.0	
Geotextiles	2.0	
Drilling Rig	1.0	
Fencing	1.0	
Excavated material (landfall)	213.0	
Daily Week 1 & 20	13.8	
Daily Week 2-19	2.3	18 week drilling (assumes 1x failure)

Onshore Sub (Temp)		
Stone (Aggregate)	300.0	
Fencing	1.5	
Welfare facilities and associated infrastructure	8.0	
Access Road	90.0	
TOTAL	399.5	
Daily Average	10.0	8 week construction period

Onshore Sub		NB Only
Concrete	1829.0	
Stone (Aggregate)	788.0	
Fencing	3.0	
Supergrid Transformer	8.0	
Converter Building	50.0	
Associated Electrical Equipment	50.0	
Access Road	540.0	
Excavated Material	648.0	
TOTAL	3916.0	
Daily Average	11.2	70 week construction period

NGET Sub (Temp)		
Stone (Aggregate)	1012.5	
Fencing	4.0	
Welfare facilities and associated infrastructure	8.0	
Access Road	90.0	
Temporary OHL	20.0	
TOTAL	1134.5	
Daily Average	28.4	8 week construction period

NGET Sub		NB Only
Concrete	327.0	
Stone (Aggregate)	609.0	
Fencing	4.0	
Busbar steelwork and gantrys	40.0	
Excavated Material	336.0	
TOTAL	1316.0	
Daily Average	3.8	70 week construction period

A47 Highway Works		
Concrete/Asphalt	79.0	
Stone (Aggregate)	150.0	
Fencing	1.0	
Welfare facilities and associated infrastructure	8.0	
TOTAL	159.0	
Temp. Daily Average	4.0	8 week construction period
Roadworks Daily Average	2.6	6 week construction period