



**SCOTTISHPOWER
RENEWABLES**

East Anglia TWO Offshore Windfarm

Appendix 22.3

Extended Phase 1 Habitat Survey Part 2 of 2

Environmental Statement Volume 3

Applicant: East Anglia TWO Limited

Document Reference: 6.3.22.3

SPR Reference: EA2-DWF-ENV-REP-IBR-000914_003 Rev 01 Pursuant to

APFP Regulation: 5(2)(a)

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Date: October 2019


Revision: Version 1









Target Note (TN) Reference	Notes	Photo reference –	GPS ref
			

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Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN255a	Ditch running along edge of woodland adjacent to house, bloated in the middle with higher water levels. No water vole assessment required, considered sub optimal due to location within woodland, lack of emergent/in-channel vegetation, no food sources and limited berm for burrowing		TM 41875 61242

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
				
TN256a	Improved grassland with horses (3) present			

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN257a	Species poor intact hedge along road with dry ditch; hawthorn, ivy, common dog violet, nettle, primrose, common hogweed, dandelion, broad leaf dock, meadow buttercup, cleavers, bramble			

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN258a	Semi natural broadleaved woodland (in continuation from TN254a). Denser understorey in places consisting mainly of bramble. Ground flora consists of nettle, lords and ladies, cleavers, common dog violet, ivy, common hogweed, curled dock and primrose. Some pines present towards centre of woodland alongside sheds and pheasant feeders. Patches of goat willow and beech. Series of dry ditches and ponds. High			

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
	bat roost potential and high commuting/foraging potential			

				
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Target Note (TN) Reference	Notes	Photo reference –	GPS ref
		   	

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
				
				

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
		  	

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN259a	Arable field - winter cover			
TN260a	Species poor hedge with trees; hazel, ivy, hawthorn, alder, common hogweed, lords and ladies, cleavers, honeysuckle, dog rose	 		

TN261a	Mature ivy clad oak in hedge with moderate bat roost potential		TM 41512 60672
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Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN262a	Species poor intact hedge along bridgeway; hawthorn, cow parsley, red dead nettle, white dead nettle, lords and ladies, common hogweed, cleavers			
TN263a	Boundary formed of scattered mature oak, low bat roost potential due to lack of visible PRFs. Low commuting/foraging habitat due to proximity of woodland			

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN264a	Arable field			
TN265a	Species poor defunct hedge adjacent to footpath; hawthorn, ivy, nettle, lords and ladies, dandelions, cleavers, red dead nettle, common hogweed, wood sorrel, greater stitchwort, daffodils, white dead nettle	 		

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN266a	Mature, ivy clad oak in hedge with moderate bat roost potential			TM 41402 60675

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN267a	Arable field			
TN268	Species poor hedge with trees; hawthorn, field maple, oak, forget me not, greater stitchwort, nettle, bramble, lords and ladies, red dead nettle, honeysuckle, white dead nettle. Mature oak with negligible bat roost potential	 		



Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN269	Species poor intact hedge; hawthorn, common hogweed, nettle, greater stitchwort, red dead nettle, cleavers, white dead nettle		
TN270	Arable field		

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN271	Species poor intact hedge consisting of hawthorn		
TN272	Species poor intact hedge consisting of hawthorn		

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN273	Arable field			
TN274	Species poor intact hedge; hawthorn, willow, lords and ladies, nettle, cleavers, common hogweed, daffodils	 		

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN275	Species poor hedge with trees; hawthorn, hornbeam, cleavers, common hogweed, broad leaf dock, field maple, lords and ladies, dandelion, dog rose, greater stitchwort, honeysuckle. Mature oak with negligible bat roost potential			
TN276	Small semi natural broadleaved woodland occupying a pit, dense scrub to south east. Negligible bat roost potential throughout as trees too immature; hawthorn, sweet chestnut, wild			

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
	cherry, oak, alder, primrose, daffodils, nettle, dandelions, lords and ladies, bramble			
TN277	Species poor defunct hedge; hawthorn, bramble, cleavers, lords and ladies, nettle			

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN278	Arable field			
TN279	Dry ditch - vegetated; nettle, lesser celandine, white dead nettle, cleavers, common hogweed			

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN280	Species poor intact hedge with dry ditch; hawthorn, holly, lesser celandine, cleavers, common hogweed, broad leaf dock, red dead nettle		
TN282	Species poor hedge with trees and dry ditch (TN279); hawthorn, bramble, oak, alder - hedge continues around public footpath with scrubby sections consisting of bramble and nettle		

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN283	Area of scattered scrub with hawthorn adjacent to pond 153, large piles of woody debris. Good mosaic habitat for reptiles		

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN285	Area of semi-improved grassland adjacent to electricity pylons		
TN289	Ditch with standing water (see WV assessment form TN288)	 	

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
				
TN290	Species poor intact hedge; hawthorn, bramble, cleavers, common hogweed, broad leaf dock			

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN291	Dry ditch			
TN292	Arable field - in crop			

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN303	Species poor defunct hedge and ditch, sub optimal for water vole due to poor water quality and low levels of water; hawthorn, alder, goat willow, soft rush, bulrush, bramble, cleavers, primrose	  	

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN304	Ditch adjacent to arable field/woodland, sub optimal for water vole as no bankside vegetation, poor water quality and low levels of water		
TN305	Improved grassland, fenced, potentially used for grazing		

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TN306	<p>Semi natural broadleaved woodland, predominantly oak with nettle, hawthorn, bramble, lords and ladies, cleavers, primrose, lesser celandine, dog violet. Snuffle holes. Pheasant feeders and enclosures. Mature trees with moderate bat roost potential</p>			
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Target Note (TN) Reference	Notes	Photo reference –		GPS ref
				
				

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
				
				

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
			
TN307	Dry ditch; soft rush, common hogweed, primrose, broad leaf dock, lords and ladies, dandelion, water lobelia, cleavers, lesser celandine		

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN308	Arable field - in crop		
TN309	Species poor hedge with trees; hawthorn, bramble, nettle, common hogweed, curled dock, blackthorn, honeysuckle, holly, cleavers. Dry ditch, birds nest in canopy		

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN310	Semi improved grassland; broad leaf dock, spear thistle, common hogweed, scattered hawthorn. Optimal reptile mosaic habitat	  	

TN311	Mature, ivy clad oak in hedge, adjacent to pond and grassland - moderate bat roost potential		
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Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN312	Species poor intact hedge; hawthorn, ivy, honeysuckle, lords and ladies, cleavers, nettle		
TN314	Arable - winter cover		

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN315	Arable - winter cover			
TN316	Species poor hedge with trees; hawthorn, holly, oak, wild cherry, nettle, cleavers, greater stitchwort, common hogweed, lords and ladies			


TN317	Mature oak with some ivy cladding, low bat roost potential due to lack of visible PRFs		TM 41399 60833
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Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN318	Mature ivy clad oak in hedge - lack of visible PRFs so low bat roost potential	 	TM 41511 60861

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN319	Species poor hedge with trees; oak, hawthorn, ivy, common hogweed, cleavers, dandelions, broad leaf dock, common dog violet, lords and ladies		
Target Note References from the 2019 Phase 1 Addendum (29 th March 2019)			
TN360a	Hawthorn, oak, bramble, ash. no breaks, all trees (approx 16) ivy clad with moderate bat roost potential. Good commuting/foraging opportunities well connected to wider landscape.	 	640559.52 - 260678.00

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN361a	Hawthorn, large gaps filled with bramble.			640442.94 - 260853.62
TN362a	Mainly defunct hedge between trees, not stock proof. 8 mature trees, potentially veteran, oak with moderate bat roost potential.			640360.73 - 260657.09

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN363a	Large depression with debris. Good mosaic for reptiles with hibernation potential.			640317.15 - 260493.74
TN364a	Moderate bat commuting/foraging. well connected to woodland. hawthorn, dog rose, oak, blackthorn, elder.			640240.17 - 260815.66


Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN365a	Mostly hawthorn with scattered semi mature oak.		640237.17 - 260945.55


TN366a	Large mature oak in hedge, potentially veteran.		640155.31 - 261123.42
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Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN367a	Hawthorn hedge, recently flailed, scattered oak one potentially veteran.		640133.08 - 261153.95


Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN368a	Boundary formed of scattered semi mature oak.			640037.80- 261231.20
TN369a	Wide field margin, Yorkshire fog <i>Holcus lanatus</i> , dandelion <i>Taraxacum officinalis</i> , forget me not <i>Myosotis arvensis</i> , thistle <i>Cirsium vulgare</i> , dock, bramble. Moderate mosaic for reptiles.			640121.91 - 260638.21


Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN370a	Steep sided dry ditch.		640083.04 - 260632.96

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN371a	Large ash with visible PRFs.		640021.95 - 260624.17

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN372a	Large ash with visible PRFs.		639988.17 - 260620.58

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN373a	Large ash with visible PRFs.		639946.92 - 260612.79

Target Note (TN) Reference	Notes	Photo reference –	GPS ref
TN374a	Large ash with rot holes and fractured limbs		639856.47 - 260602.48

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN375a	Large ash next to dry ditch with large holes visible.			639835.51 - 260599.13

Target Note (TN) Reference	Notes	Photo reference –		GPS ref
TN376a	Hazel, elder, self heal, bramble, nettle, field maple (approx. 4) with large gaps.			640159.15 - 260501.65
TN377a	Continuation of connected hedge, with several mature oak (approximately 4), potentially veteran.			640048.57 - 260413.17

Confidential Annex 3: Badger Survey Results

Field survey results in relation to badgers are confidential.

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