

Environmental Statement: Volume 6, Annex 1.3 – Discharge Consents and Permits

Date: May 2018



Offshore Wind Farm

PINS Document Reference: A6.6.1.3 APFP Regulation 5(2)(a)





Environmental Impact Assessment

Environmental Statement

Volume 6

Annex 1.3 – Discharge Consents and Permits

Liability

This report has been prepared by RPS, with all reasonable skill, care and diligence within the terms of their contract with Orsted Power (UK) Ltd.

Report Number: A6.6.1.3

Version: Final

Date: May 2018

This report is also downloadable from the Hornsea Project Three offshore wind farm website at: <u>www.hornseaproject3.co.uk</u>

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Front cover picture: Kite surfer near a UK offshore wind farms © Orsted Hornsea Project Three (UK) Ltd., 2018.	Approved by: Sophie Banham

RPS





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Acronyms

Acronym	Description
EA	Environment Agency
HVAC	High voltage alternating current is the bulk transmission of electricity by alternating current (AC), whereby the flow of electric charge periodically reverses direction.
HVDC	High voltage direct current is the bulk transmission of electricity by direct current (DC), whereby the flow of electric charge is in one direction.

Units

Unit	Description
m	Metre (distance)







1. Introduction

1.1 Purpose

- 1.1.1.1 The purpose of this annex is to present information on the discharges consented by the Environment Agency (EA) within the Hornsea Three geology and ground conditions study area, as defined in volume 3, chapter 1: Geology and Ground Conditions. Only discharges with a current licence/permit have been included (i.e. revoked licences and permits are not included). This data has been used to inform the baseline and impact assessment presented in volume 3, chapter 1: Geology and Ground Conditions.
- 1.1.1.2 The discharge consents and permits are set out in Table 1.1 below and their location is shown on Figure 1.1 (sheets 1 to 9).







Distance from onshore cable Easting Northing **EA Reference Discharged to** Name corridor (m) PRELF03241 611280 330040 915 Land Discharge at Adams Lane, Corpusty 211 612800 317000 **PRENF00870** Land Discharge at Church Field, Station Road 29 610048 327428 EPRCB3696RU Groundwater via borehole Discharge at Former Methodist Chapel, Heydon Road 486 613560 309980 NPSWQD009058 Groundwater via borehole Discharge at Easton College, Easton 611385 EPRDP3124XR 262 315988 Groundwater via infiltration Discharge at Parson Woodforde Public House, Church Street 455 NPSWQD002134 617147 303915 Discharge at Central Cottages 1 and 2, Station Lane Groundwater via soakaway 380 621449 303759 NPSWQD005602 Discharge at Hanford Bridge, Ipswich Road Groundwater via soakaway 610400 334550 PRELF1133 Land 841 Discharge at Wood Farm, Plumstead Road 411 617250 303850 PRELF13102 Land Discharge at Ketteringham Highways Depot, Station Lane 337100 901 612200 PR4LF84676 Land Discharge at The White House, Baconstorpe PR4LF84215 636 612200 312200 Land Discharge at Merryhill Farm, Telegraph Hill 324 622480 302490 **PRELF20038** Land Discharge at Common Farm Barns, off Stoke Lane 427 611470 332320 PRELF02083 Land Discharge at Cottage 3, Shrub Farm 330 609720 328860 PRELF02521 Discharge at New Bungalow, Red Pits Land 949 329990 PRELF02958 611280 Land Discharge at Adams Lane No.7, Adams Lane 790 610990 322650 PRELF01118 Land Discharge at The Cottage Gallery, Mill Cottage 329850 802 611100 PRELF03021 Land Discharge at Woodside, Heydon Road 573 611180 322760 PRELF01696 Land Discharge at Premises Adjacent to White Cottage, The Street 373 PR4LF80225 609400 341100 Land Discharge at Kelling Park Hotel, High Kelling 918 612100 340240 PRELF01431 Land Discharge at Premises at Weybourne Road, Bodham 321 612420 312990 PRELF2276 Land Discharge at Merryhill Farm Park, Telegraph Hill 615500 306400 PR4LF80408 112 Land Discharge at Clubhouse for Crusaders RFC, Little Melton 103 610300 330600 PR4LF82574 Land Discharge at Town Close, Corpusty 229 611550 337320 PRELF02009 Land Discharge at Premises at Hall Lane Farm, Hall Lane 213 327420 609860 PRELF00660 Land Discharge at Crabgate Farm, Wood Dalling 880 610200 323700 PR4LF1630 Soakaway Discharge at Wren Park Farm, Worlds End Lane

Table 1.1: Discharge consents and permits.



659

612700

308900

PR4LF691

Discharge at Lindos, Barford Rd

Soakaway

Discharge use
Miscellaneous
Sewage - not water company
Sewage - not water company
Trade
Sewage - not water company
Miscellaneous
Sewage - not water company
Miscellaneous
Miscellaneous
Sewage - not water company
Miscellaneous
Miscellaneous
Miscellaneous
 Sewage - not water company
 Miscellaneous
Miscellaneous
 Miscellaneous
Miscellaneous
Miscellaneous
Miscellaneous





Distance from onshore cable corridor (m)	Easting	Northing	EA Reference	Discharged to	Name	Discharge use
888	611300	330100	PR4LF944	Soakaway	Discharge at Adams Lane, Corpusty	Miscellaneous
901	612200	337100	PR4LF42	Soakaway	Discharge at The White House, Baconstorpe	Miscellaneous
519	610100	331300	PR4LF1931	Soakaway	Discharge at The Caravan, Locks Farm Lane	Miscellaneous
306	613400	309100	PR4LF498	Soakaway	Discharge at Laburnum Cottage, Bawburgh Road	Miscellaneous
306	611100	322700	PR4LF911	Soakaway	Discharge at Town Farm, Booton	Miscellaneous
673	611300	315800	PR4LF404	Soakaway	Discharge at Church Farm, Weston Longville	Miscellaneous
381	619900	304000	PR4LF1554	Soakaway	Discharge at Keswick Barn, Intwood Lane	Miscellaneous
398	611600	317600	PR4LF543	Soakaway	Discharge at Norwich Road, Lenwade	Miscellaneous
1,000	611600	340400	PR4LF396	Soakaway	Discharge at The Highborough, Bodham	Sewage - not water company
580	610700	337100	PR4LF1552	Soakaway	Discharge at Green Farm (Now Chapel Cottage), Hempstead	Miscellaneous
519	613400	309100	PR4LF499	Soakaway	Discharge at Laburnum Cottage, Bawburgh Road	Miscellaneous
306	613400	309100	PR4LF497	Soakaway	Discharge at Laburnum Cottage, Bawburgh Road	Miscellaneous
712	610500	337000	PR4LF114	Soakaway	Discharge at The Street Hempstead, The Street	Miscellaneous
644	612000	313000	PR4LF1116	Soakaway	Discharge at Poets Breck Farm, Telegraph Hill	Miscellaneous
381	611300	315800	PR4LF471	Soakaway	Discharge at Church Farm, Weston Longville	Miscellaneous
190	612700	316800	PR4LF546	Soakaway	Discharge at Meadow View, Morton-On-The-Hill	Miscellaneous
253	610600	341100	PR4LF237	Soakaway	Discharge at Kelling Heath Caravan Park, Weybourne Road	Sewage - not water company
223	611480	335760	PR4LF119	Soakaway	Discharge at Hole Farm, Hempstead	Sewage - not water company
190	612700	316800	PR4LF477	Soakaway	Discharge at Meadow View, Morton-On-The-Hill	Sewage - not water company
245	611700	339500	PR4LF883	Soakaway	Discharge at Pine Farm, Lower Bodham	Sewage - not water company
202	610472	324370	PR4LF233	Soakaway	Discharge at Walkgate Cottages 1 and 2, Salle	Sewage - not water company
100	615952	306320	PRELF21062	Land	Discharge at Holly Tree Farm, Little Melton	Sewage and Trade combined
834	611850	309950	PRELF19726	Land	Discharge at The Cottage, Norwich Road	Sewage - not water company
329	612970	317120	PRELF10751	Land	Discharge at Station Rd 1-16, Attlebridge	Sewage - not water company







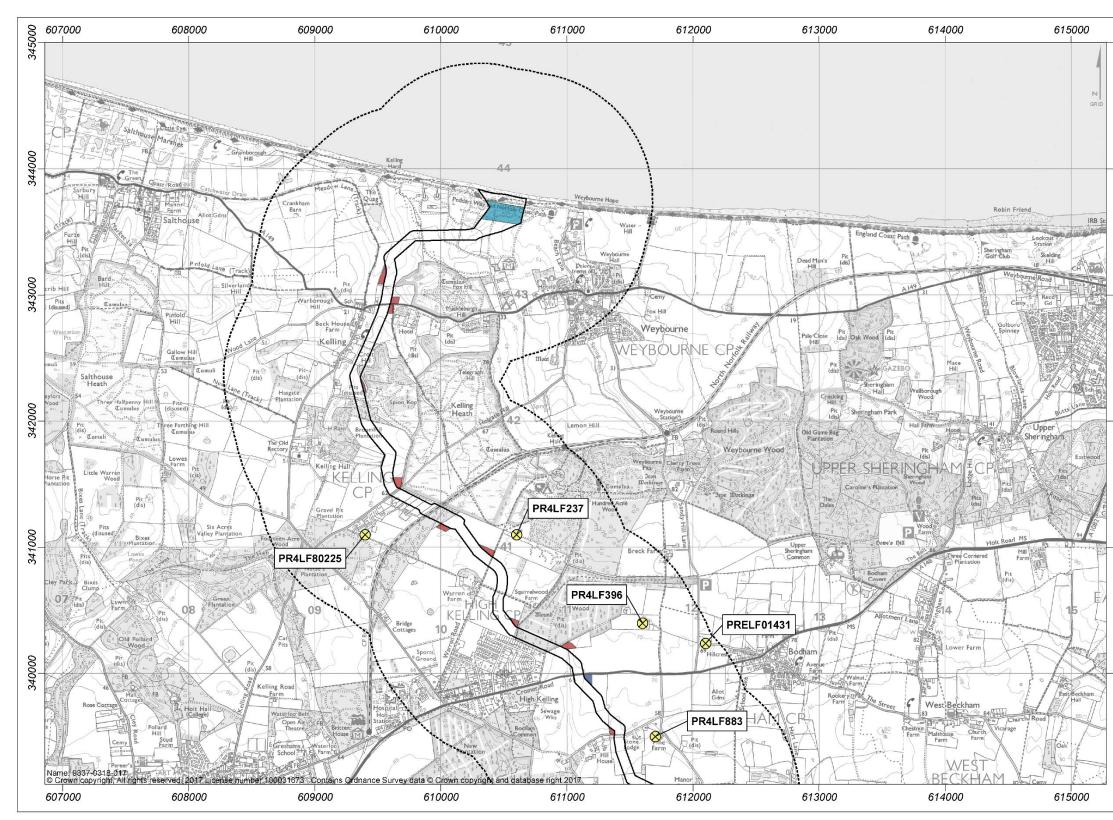


Figure 1.1: EA consented discharge sites.



345000	— Но	rnsea Three onshore cable	corridor
(')	Ste	orage Area	
	Co	mpound	
	La	ndfall Construction Compour	nd
	1k	m study area	
0		consented discharge	
34400			
00			
3430			
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341000			
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	0	0.5 1 Kilometres	
	REV	REMARK	DATE
340000	00	Initial Issue	01/03/18
34(
		Hornsea Project Three EA Consented Discharge Sites Sheet 1	3
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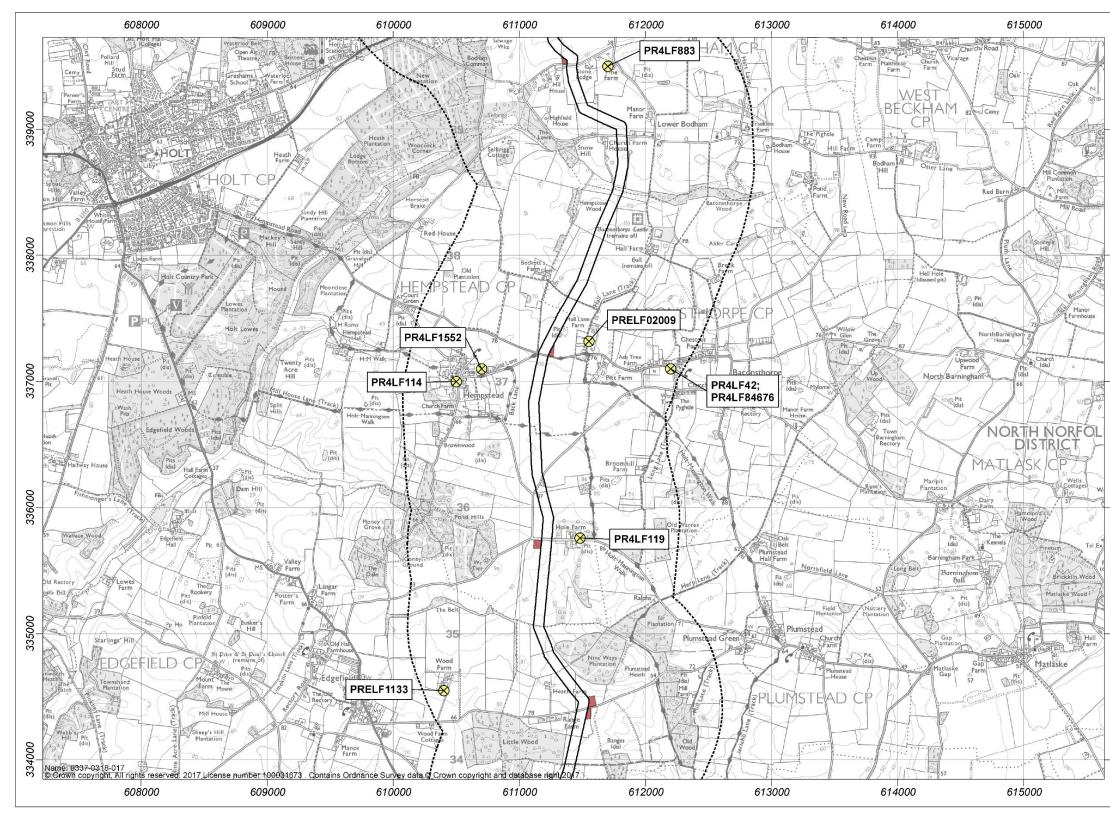


Figure 1.1: EA consented discharge sites.



339000	Sto	rnsea Three orage Area m study area a consented d		ble co	prridor
338000					
337000					
336000					
335000	Reference Sy Projection : E 0 L REV 00	vstem : OSGB36 ING 0.5 REMARK Initial Issue	Scale@ Vertical 1 Kilometres	referenc	000 e: Newlyn DATE 01/03/18
334000	Doc no: RPS-9: Created by: CR Checked by: Bh Approved by:SC	EA Consented SI 337-0318-017	Project Thre d Discharge s neet 2	ee Sites Ors	ited





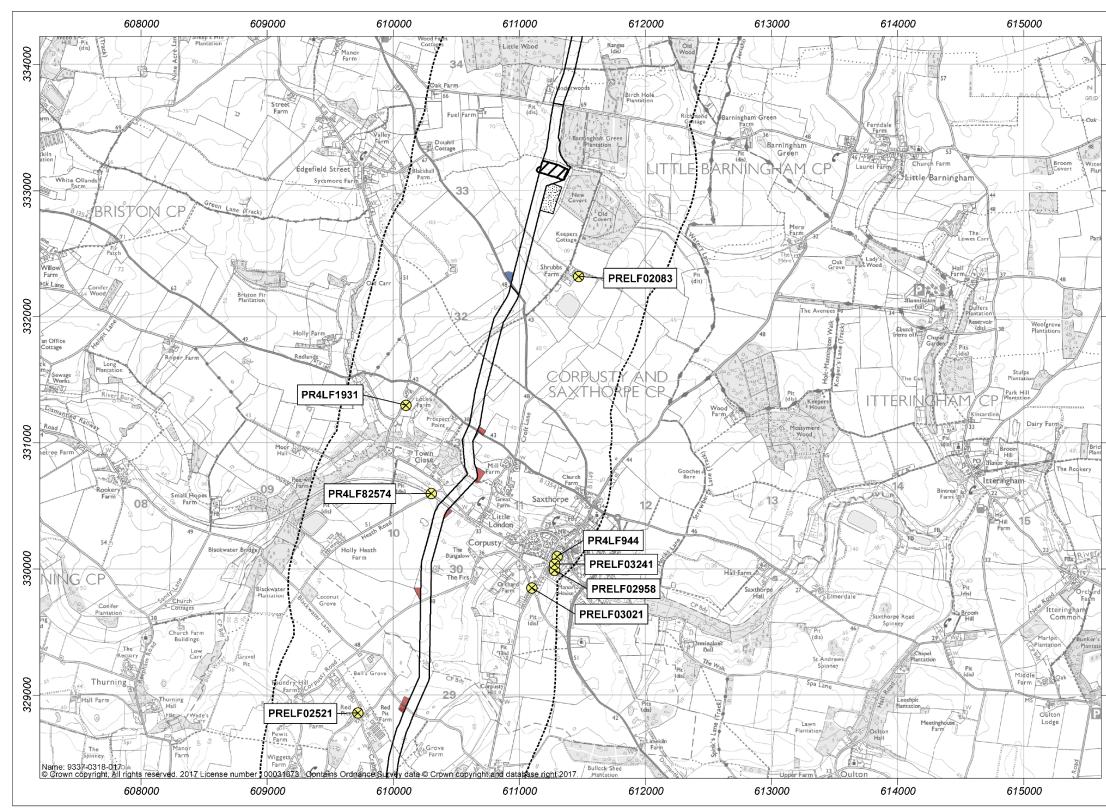


Figure 1.1: EA consented discharge sites.



0	— На	rnsea Three onshore cable c	orridor	
334000	Onshore HVAC booster station - Permanent			
		shore HVAC booster station mporary	-	
		brage Area		
		mpound		
0		n study area		
333000		consented discharge		
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332000				
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ŝ	Projection : E	vstem : OSGB36 Scale@A3:1:30 NG Vertical referen		
	0	0.5 1 Kilometres		
	REV 00	REMARK Initial Issue	DATE 01/03/18	
329000				
Hornsea Project Three				
		EA Consented Discharge Sites Sheet 3		
	Doc no: RPS-93	37-0318-017		
	Created by: CR Checked by: BN		sted	
	Approved by:SC			





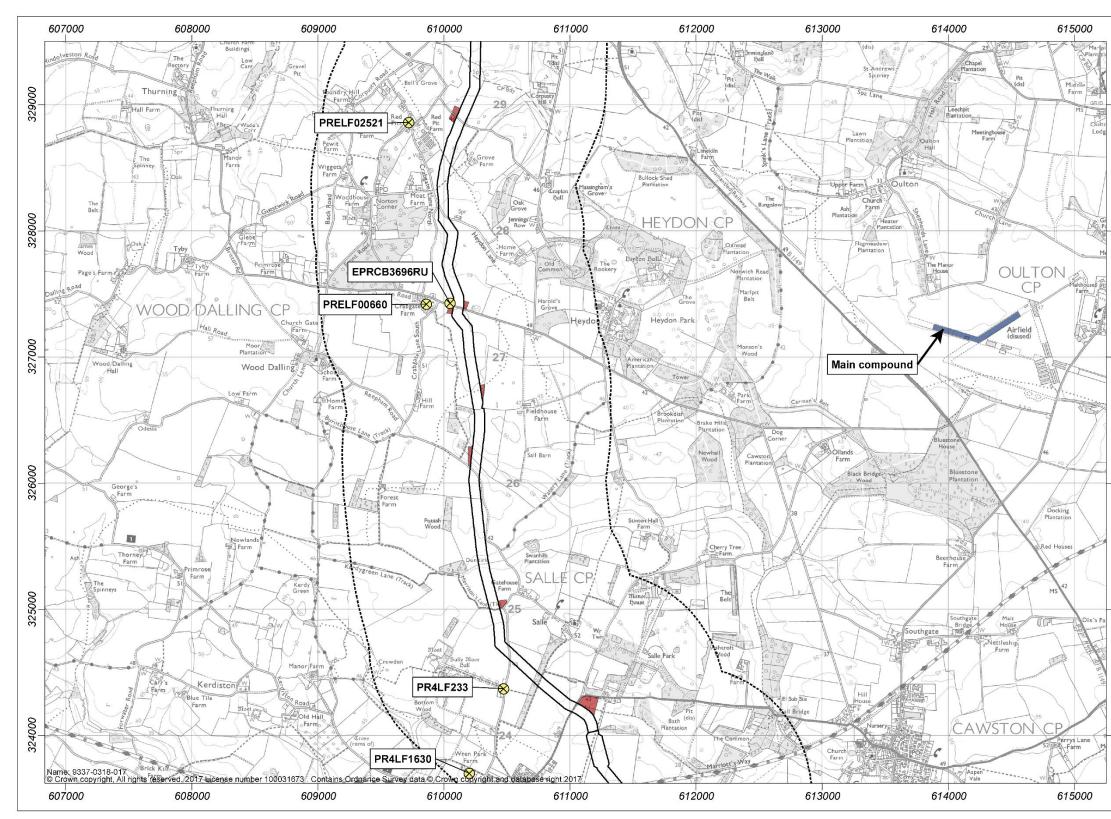


Figure 1.1: EA consented discharge sites.



		rnsea Three onshore cable	corridor
		orage Area	
000	Co	mpound	
329000	1k	m study area	
	🚫 EA	consented discharge	
0			
328000			
õ			
0			
327000			
32			
326000			
326			
		/stem : OSGB36 Scale@A3:1	
5000	Projection : E	0.5 1 Kilometres	rence: Newlyn
3250			
	REV	REMARK	DATE
	00	Initial Issue	01/03/18
Hornsea Project Three			
324000		EA Consented Discharge Site Sheet 4	
č	Doc no: RPS-93	37-0318-017	
	Created by: CR Checked by: BM	PDS (Orsted
	Approved by:SC		





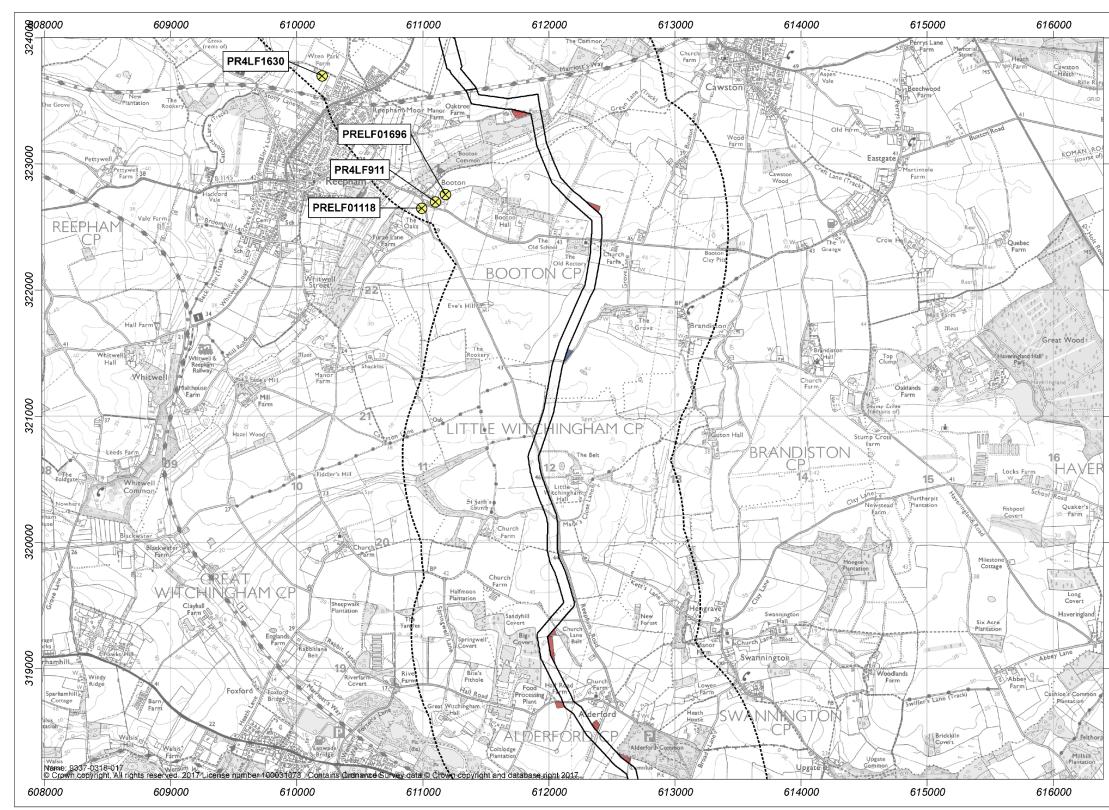


Figure 1.1: EA consented discharge sites.



324000	Пно	rnsea Three onshore cable o	corridor	
č	Storage Area			
	Compound			
	 1km study area EA consented discharge 			
~		consented discharge		
323000				
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	0 0.5 1 Kilometres			
~	REV	REMARK	DATE	
319000	00	Initial Issue	01/03/18	
316				
		Hornsea Project Three		
EA Consented Discharge Sites Sheet 5				
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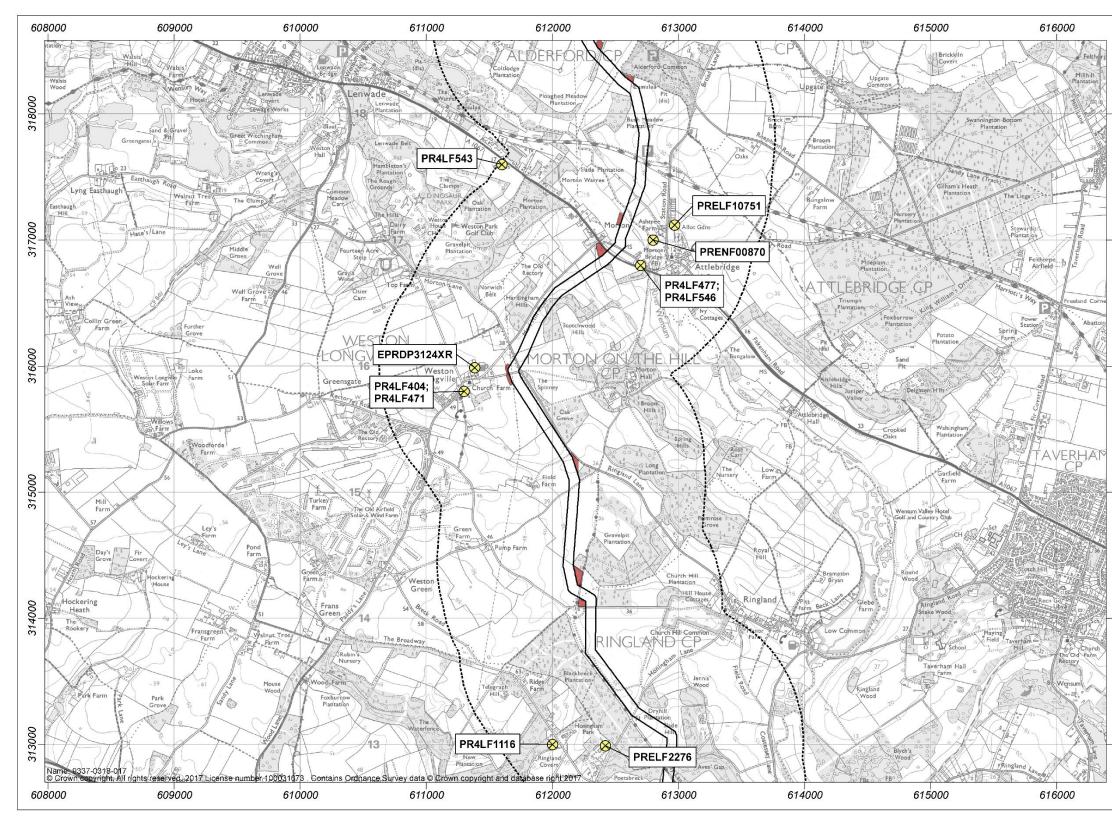


Figure 1.1: EA consented discharge sites.



318000	Sto	rnsea Three onshore orage Area m study area . consented discharge		orridor
317000				
316000				
315000				
314000	Reference Sy Projection : E 0 L REV 00	Initial Issue		0,000 ce: Newlyn DATE: 01/03/18
313000	Hornsea Project Three EA Consented Discharge Sites Sheet 6 Doc no: RPS-9337-0318-017 Created by: CR Checked by: BM Approved by:SG		sted	





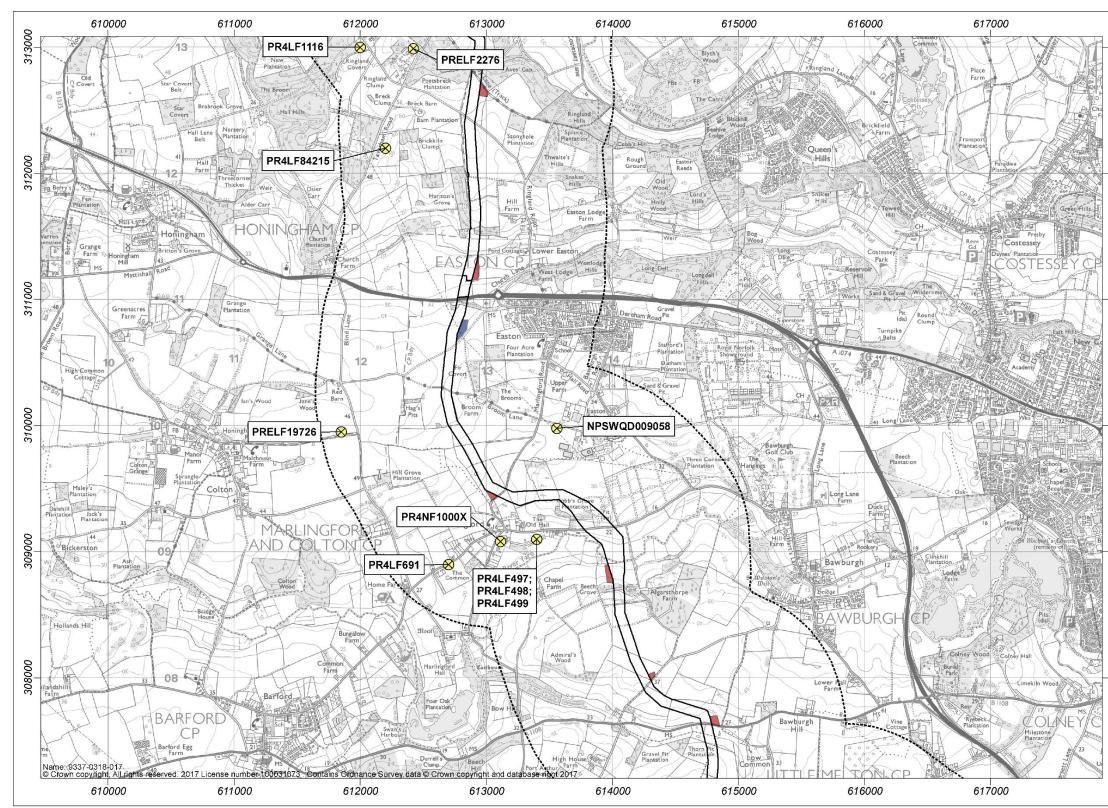


Figure 1.1: EA consented discharge sites.



313000	 Hornsea Three onshore cable corridor Storage Area Compound 1km study area EA consented discharge 			
312000				
311000				
310000				
309000	Reference Sy Projection : E 0			0,000 cce: Newlyn
308000	REV 00	REMARK Initial Issue		DATE 01/03/18
30	Hornsea Project Three EA Consented Discharge Sites Sheet 7			
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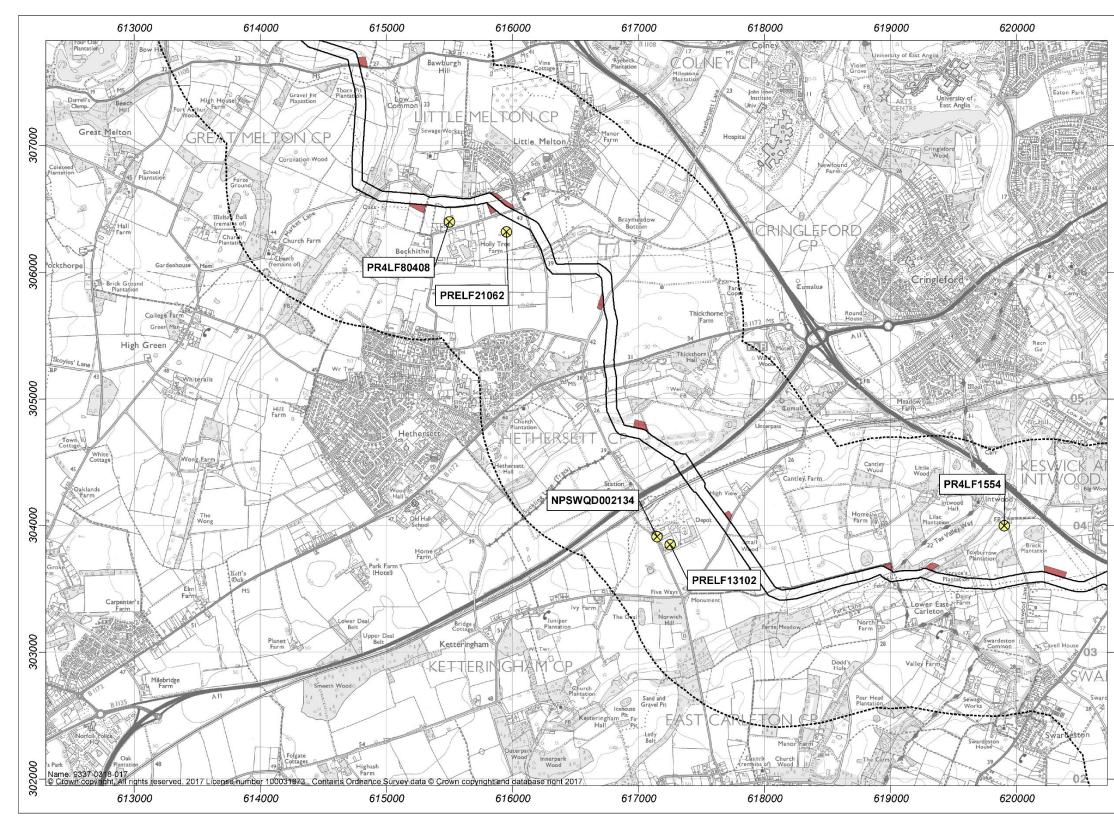


Figure 1.1: EA consented discharge sites.



	Hornsea Three onshore cable corridor			
	Storage Area			
	Compound			
	1km study area			
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307000				
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306000				
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305000				
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_		ystem : OSGB36 Scale@	A3:1:30,000	
~	Reference S Projection : E		A3:1:30,000 reference: Newlyn	
~	Projection : E	BNG Vertical		
304000	Projection : E	BNG Vertical		
304000	Projection : E	0.5 1 Kilometres	reference: Newlyn	
304000	Projection : E	BNG Vertical 0.5 1 Kilometres	DATE	
304000	Projection : E	NG Vertical 0.5 1 Kilometres REMARK Initial Issue	DATE 01/03/18	
304000	Projection : E	BNG Vertical 0.5 1 Kilometres REMARK Initial Issue Hornsea Project Three	DATE 01/03/18	
304000	Projection : E	NG Vertical 0.5 1 Kilometres REMARK Initial Issue	DATE 01/03/18	
303000 304000	Projection : E 0	ANG Vertical O.5 1 Kilometres REMARK Initial Issue Hornsea Project Three EA Consented Discharge Sheet 8	DATE 01/03/18	
302000 303000 304000	Projection : E	REMARK Initial Issue Hornsea Project Three EA Consented Discharge Sheet 8	DATE 01/03/18	





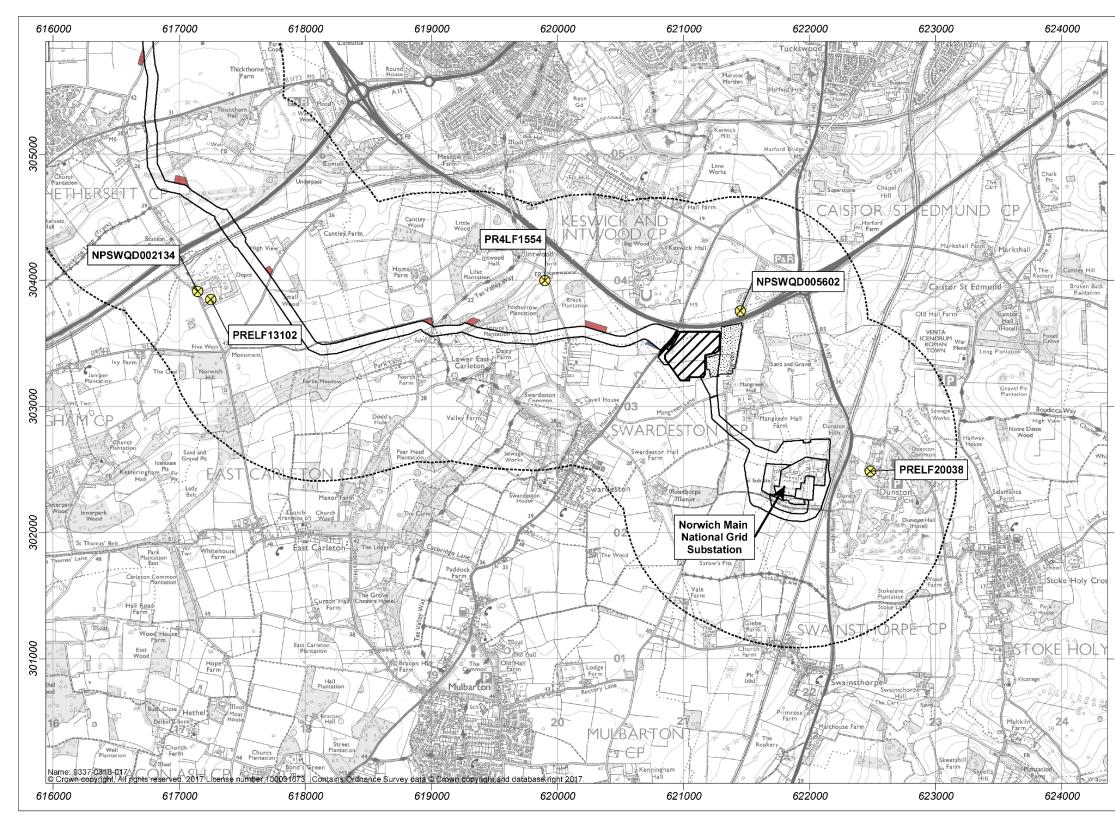


Figure 1.1: EA consented discharge sites.



	Hornsea Three onshore cable of	orridor		
	Onshore HVDC converter/HVAC substation - Permanent			
	Onshore HVDC converter/HVAC substation - Temporary			
0	Storage Area			
305000	Compound			
Ř	1km study area			
	EA consented discharge			
8				
3040				
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303				
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200				
ы С				
	Reference System : OSGB36 Scale@A3:1:30,000 Projection : BNG Vertical reference: Newlyn			
	0 0.5 1 Kilometres			
000	REV REMARK	DATE		
301000	00 Initial Issue	01/03/18		
	Hornsea Project Three			
	EA Consented Discharge Sites Sheet 9			
	Doc no: RPS-9337-0318-017			
	Created by: CR Checked by: BM Approved by:SG			

