

Great Yarmouth Third River Crossing Application for Development Consent Order

Document 6.2: Environmental Statement Volume II: Technical Appendix 19C: In- Combination Assessment - Stage 3 Information Gathered

Planning Act 2008

**The Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 (as amended) (“APFP”)**

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1 Stage 3 Information Gathered

1.1.1 The following table contains a summary of the information gathered to inform Stage 3 of the in-combination assessment contained within Chapter 19: Cumulative Effects (see Table 19.17). Details of the available information for each development on the short-list, links to relevant documentation and a summary of the information contained in relation to the in-combination assessment are outlined in the table below.

Table 1.1: Stage 3 Information Gathered

ID	Development Name	Reference Number	Application Status	Development Description	Document Details	Planning Document Links [Accessed April 2019]	Summary of Information Gathered
3	East Anglia THREE Offshore Windfarm	EN010056	Decided	Offshore windfarm	Environmental Statement; Site Plans	https://infrastructure.planninginspectorate.gov.uk/projects/eastern/east-anglia-three-offshore-wind-farm/?ipcsection=docs&stage=app&filter1=Environmental+Statement https://infrastructure.planninginspectorate.gov.uk/projects/eastern/east-anglia-three-offshore-wind-farm/?ipcsection=docs&stage=app&filter1=Plans	A full ES has been produced for the development, submitted in November 2015. Extensive assessments of core environmental topics, in particular terrestrial ecology, water, marine ecology and socio-economics, were undertaken for both the onshore and offshore elements. The impacts of the offshore construction on Great Yarmouth were not assessed, despite the port being indicated as the potential service port. The ES concluded no significant

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							effects for the onshore or offshore elements.
7	A47 Burlingham-Blofield dualling	TR010040	Pre-application	Dualling of section of A47 between Norwich and Acle Straight	Scoping Report; Site Boundary	https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/TR010040/TR010040-000009-BLOF%20Scoping%20Report.pdf https://highwaysengland.citizenspace.com/he/a47-blofield-to-north-burlingham-dualling-statutor/supporting_documents/A47%20Blofield%20to%20North%20Burlingham%20Dualling%20Proposed%20Red%20Line%20Boundary.pdf	An EIA Scoping report has been produced for the development, submitted in February 2018. Most topics considered in the Scheme were included (along with cumulative effects), materials & waste, flood risk and MA&D being omitted. Topics identified needing further detailed assessment were biodiversity, landscape, cultural heritage, noise & vibration and cumulative effects.
8	A47/A11 Thickhorn Junction Improvements	TR010037	Pre-application	Improvement of the interchange	Scoping Report; Preferred Route Announcement	https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/TR010037/TR010037-000008-THIC%20Scoping%20Report.pdf https://highwaysengland.citizenspace.com/he/a47-a11-thickhorn-junction-improvement/results/25119c-wlea-5-thickhorn_v2.pdf	An EIA Scoping Report has been produced for the development, submitted in February 2018 and included site plans. Most topics considered in the Scheme were included (along with cumulative effects), materials & waste, flood risk and MA&D being omitted. Topics identified

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							needing further detailed assessment were air quality, cultural heritage, biodiversity, landscape, noise and vibration and cumulative effects.
9	A47 Easton-North Tuddenham dualling	TR010038	Pre-application	Dualling of a section of A47 between Norwich and Dereham	Preferred Route Announcement	https://highwaysengland.co.uk/projects/a47-north-tuddenham-to-easton-improvement-scheme/ https://highwaysengland.citizenspace.com/he/a47-north-tuddenham-to-easton-dualling/results/s170173-a47-preferred-route-announcement-leaflet---tuddenham--b.pdf	The announcement of the preferred route option details the location of the proposed development and outlines the benefits. No environmental assessment of any kind has been undertaken as of the time of writing.
11	Great Yarmouth Pleasure Beach	06/17/0218/O	Approved	Leisure development including hotel and leisure facilities	Preliminary Environmental Report (PEA); Transport Assessment; Flood Risk Assessment (FRA); Heritage Statement; Site Plans	http://myplanning.great-yarmouth.gov.uk/Planning/lg/dialog.page?KeyNo=06/17/0218/O&org.apache.shale.dialog.DIALOG_NAME=gfplanningsearch&Param=lg.Planning&viewdocs=true	<p>The PEA considered the impacts on ecology, landscape, transport, cultural heritage and flood risk. The conclusions indicated no significant impacts would arise that could not be mitigated.</p> <p>The development Heritage Statement and Transport Assessment concludes no significant impacts on</p>

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							heritage assets or any mode of transport. The FRA concluded that, due to the development design and location, that there is a low risk of both tidal and groundwater flooding at the site.
12	Bradwell South	06/16/0064/D 06/13/0643/F 06/13/0703/O	Approved	3 residential developments totalling 285 dwellings	EIA Screening & Scoping Report; Habitats Regulations Assessment (HRA); Site Plans	http://planning.great-yarmouth.gov.uk/OcellaWeb/planningDetails?reference=06/13/0703/O&from=planningSearch	The Scoping Report lists the significant residual effects of the development including major adverse for noise. Numerous moderate adverse effects were reported for air quality, agriculture, climate change and noise. The development HRA reported no significant effects on Natura 2000 sites and recommended additional measures to be adopted for mitigation.
13	Beacon Park	06/16/0391/SU	Approved	Residential development including 287 dwellings	Ecology Assessment; Noise Assessment; HRA;	http://planning.great-yarmouth.gov.uk/OcellaWeb/planningDetails?reference=06/16/0391/SU&from=planningSearch	The various prepared reports, conclude potentially significant effects on air quality and on Breydon Water.

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					Landscape and Visual Assessment; Air Quality Assessment		
14	Former Claydon High School	06/15/0737/F	Approved	Residential development including 113 dwellings	FRA; Land Contamination Investigation; Design & Access Statement	http://planning.great-yarmouth.gov.uk/OcellaWeb/planningDetails?reference=06/15/0737/F&from=planningSearch	The FRA prepared for the development, submitted in 2015, concluded the flood risk from all sources to be low.
16	North Denes Middle School	Y/6/2018/6003	Undetermined	420 place pupil primary school and community facility	Ecology Report; FRA; Ground Risk Investigation; Noise Statement; Construction Statement; Arboriculture Impact Assessment; Travel Plan	http://eplanning.norfolk.gov.uk/PlanAppDisp.aspx?AppNo=Y%2f6%2f2018%2f6003	Of the assessments for the development, the Ground Investigation and FRA provided further recommendations. Following mitigation, no significant impacts were concluded for ecology or arboriculture.
18	Land south east of Hopton	06/17/0339/O	Approved	Residential development	Ecology Assessment;	http://planning.great-yarmouth.gov.uk/OcellaWeb/pla	The documentation available does not identify

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				including 200 dwellings	Heritage & Archaeological Assessment; Arboriculture Impact Assessment; Transport Assessment; Design & Access Statement	nningDetails?reference=06/17/0339/O&from=planningSearch	any significant adverse effects arising as a result of the Scheme. The Arboriculture Impact Assessment recommends the need for further assessment to be undertaken.
21	Pointers East	06/15/0309/F	Approved	Residential development including 189 dwellings	Ecology Survey Report; Noise Assessment; HRA; FRA; Landscape and Visual Impact Assessment Archaeological Assessment; Arboriculture Impact Assessment; Design & Access Statement	http://planning.great-yarmouth.gov.uk/OcellaWeb/planningDetails?reference=06/15/0309/F&from=planningSearch	The documentation in support of the development has concluded that, with mitigation, impacts will be not significant on noise, heritage, arboriculture, flood risk and ecology. A minor adverse effect on landscape is anticipated.

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27	Norfolk Vanguard	EN010079	Examination	Offshore windfarm	Environmental Statement; Site Plans	https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-vanguard/?ipcsection=docs&stage=app&filter1=Environmental+Statement	A full ES has been produced for the development, submitted in 2018. Extensive assessments of core environmental topics, in particular terrestrial ecology, water, marine ecology and socio-economics, were undertaken for both the onshore and offshore elements. The impacts of the offshore construction on Great Yarmouth were not assessed, despite the port being indicated as the potential service port. The ES concluded no significant effects for the onshore or offshore elements, many minor adverse residual impacts were amongst these. Some significant potential impacts are concluded to have the potential to occur for terrestrial ecology in non-surveyed areas.

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28	Norfolk Boreas	EN010087	Pre-application	Offshore windfarm	PEIR; Site Plan	https://corporate.vattenfall.co.uk/projects/wind-energy-projects/vattenfall-in-norfolk/norfolkboreas/documents/preliminary-environmental-information-report/	The PEIR, submitted in 2018, undertaken for the development assessed both onshore and offshore elements of the scheme, with a particular focus on ecology. The impacts of the offshore construction on Great Yarmouth were not assessed, despite the port being indicated as the potential service port. The ES concluded no significant effects for the onshore elements. Some potentially significant onshore impacts have been identified for transport, water, ecology, flood risk and landscape & visual. It is concluded that alongside additional topic specific mitigation, most of these impacts can be negated.
29	Tigre Project 1	EN010099	Pre-application	Offshore gas power station using existing windfarm infrastructure	Development website	http://tp1.tigre.group/project-2/	Limited descriptions of the construction plan are detailed, indicating that all construction is to take place

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							offshore on existing facilities.
30	Hornsea Project Three	EN010080	Examination	Offshore windfarm	Environmental Statement	https://infrastructure.planninginspectorate.gov.uk/projects/easter-n/hornsea-project-three-offshore-wind-farm/?ipcsection=docs&stage=app&filter1=Environmental+Statement	A full ES has been produced for the development, submitted in November 2015. Extensive assessments of core environmental topics, in particular terrestrial ecology, water, marine ecology and socio-economics, were undertaken for both the onshore and offshore elements. The impacts of the offshore construction on Great Yarmouth were not assessed, despite the port being indicated as the potential service port. The ES concluded no significant effects for the onshore or offshore elements, the highest impacts being minor adverse.
31	Progress Power Station	EN010060	Decided	Gas-fired power station	Environmental Statement; Site Plans	https://infrastructure.planninginspectorate.gov.uk/projects/easter-n/progress-power-station/?iion=docs&stagpcsecte	The ES, submitted in 2014, for the development assessed similar topics to that of the Scheme,

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						=app&filter1=Environmental+Statement	excluding materials and MA&D. Some significant effects were recorded for landscape, geology and heritage. All other impacts were not significant.
32	Sizewell C Nuclear Power Station	EN010012	Pre-application	Nuclear Power Station	EIA Scoping Report; Site Plans	https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010012/EN010012-000103-Sizewell%20C%20EIA%20Scoping%20Report_Main%20text.pdf	The scoping report produced for the development considered a majority of the same topics as that of the Scheme. Potential impacts and the need for further survey work was identified for most topics, particularly ecology, air quality and noise.
33a & 33b	Bramford to Twinstead Overhead Line	EN020002	Pre-application	Electricity Line which will enable grid connection to Sizewell C	Scoping Report	https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN020002/EN020002-000213-Bramford_to_Twinstead_Tee_Connection_Scoping_Report.pdf	The scoping report prepared for the development recorded extensive baseline and ES methodologies for each environmental topic. Anticipated significant effects were not identified.
34	Lake Lothing Third River Crossing	TR010023	Examination	Highway crossing of Lake Lothing, Lowestoft	Environmental Statement	https://infrastructure.planninginspectorate.gov.uk/projects/eastern/lake-lothing-third-crossing/?ipcsection=docs&stag	A full ES has been produced for the development, submitted in August 2018. Extensive assessments of core

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						e=app&filter1=Environmental+Statement	environmental topics were undertaken, with the omission of MA&D all consistent with that of the Scheme. Significant residual adverse effects on air quality and noise were concluded. Notably, the potential cumulative effect with the Scheme was assessed and found to be not significant.
35a & 35b	Gapton and Vauxhall Junction Improvements	n/a	Pre-application	Junction improvements	Preferred Route Announcement	https://highwaysengland.citizenspace.com/he/a47-and-a12-junction-enhancement/results/25119c-wlea-6-gt-yarmouth_v2.pdf	The preferred route announcement details the location of the proposed development and outlines the benefits. No environmental assessment of any kind has been undertaken as of the time of writing.
36	Harfreys Junction Improvement	n/a	Suggested mitigation	Junction improvement	No information publicly available	None available.	n/a
43	Southern Terminal Expansion within South Denes	n/a	Proposed	Utilising of southern terminal to	Information received via NCC consultation. Documentation	None available.	n/a

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	Enterprise Zone			expand harbour activities	received was confidential and it was agreed to not distribute it.		
46	Beacon Park Enterprise Zone	n/a	Allocated development	An area allocated for development for energy businesses	GYBC draft Local Plan Part 2	https://www.great-yarmouth.gov.uk/CHttpHandler.ashx?id=3132&p=0	The development plan provides information of the proposed development, including a red line boundary. As of the time of writing no environmental assessments have been undertaken.
49	Marina Centre Redevelopments	n/a	Application likely to be submitted later in 2019	Re developing existing building to a sports and leisure centre	Information received via consultation with GYBC. No information publicly available.	None available.	n/a
51	Bradwell Residential (Beccles Road)	n/a	Scoping Report submitted. Application likely to be submitted in Q2-Q3 2019	Hybrid application for up to 600 dwellings to be delivered in phases over 12 years	Screening and Scoping Report	https://www.great-yarmouth.gov.uk/CHttpHandler.ashx?id=3505&p=0	The Scoping Report prepared for the development recorded extensive baseline and the methodologies for each environmental topic. A high-level summary was provided of anticipated significant effects.

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53	Multi User Operation and Maintenance Facility	n/a	Proposed	Operations and maintenance campus, with opportunity for land reclamation	Information received via consultation with GYBC. No information publicly available.	None available.	n/a
54	Proposed Manufacturing Facility	n/a	Proposed	Proposal to construct a manufacturing facility.	Information received via consultation with GYBC. No information publicly available.	None available.	n/a