



BEACON FEN ENERGY PARK

Planning Inspectorate Reference: EN010151

Appendix 11.5 Abstractions within 2km of the Site

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Quality information

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1. INTRODUCTION

1.1 Introduction

- 1.1.1 Appendix 11.5: Abstractions within 2km of the Site has been prepared by Wardell Armstrong LLP (part of SLR) ('WA') on behalf of Beacon Fen Energy Park Ltd (the 'Applicant') in support of an application for a Development Consent Order (DCO) for Beacon Fen Energy Park (the 'Proposed Development').
- 1.1.2 Table 1.1 presents the Environment Agency licenced abstractions within 2km of the Site.

Table 1.1 - Abstractions within 2km of the Site

Figure Reference 11.5	Licence No*	Operator	Use Description	Source Type	Abstraction Point Name	National Grid Reference	Distance From Site	Upgradient, Downgradient, Upstream Or Downstream Of The Proposed Development
A1	4/30/11*S/0009	Pochin	Spray Irrigation - Direct	Surface Water	Kyme Eau South Kyme	TF 17300 49710	1.95 km east	Downstream
A2	4/30/11*S/0015	Melbourne Holdings Ltd	Spray Irrigation - Direct	Surface Water	River Slea at Sleaford	TF 13630 49640	0.88 km north	Downstream
A3a	4/30/11*S/0077	F Casswell & Son	Spray Irrigation - Direct	Surface Water	RIPARIAN DRAIN "3" - S. KYME	TF 17100 49100	1.55 km east	Downstream
A3b			General Agriculture Transfer Between Sources (Pre Water Act 2003)	Surface Water	KYME EAU "SLACKER 3" - S. KYME	TF 17200 49500	1.60 km east	Upstream
A4a	4/30/11*S/0077	H. W. Martin (Farms) LLP	Spray Irrigation - Storage	Surface Water	Damford Drain at North Kesteven (Fixed Pump)	TF 16202 51845	1.94 km northeast	Upstream
A4b			Spray Irrigation - Storage	Surface Water	Damford Drain at North Kesteven (Gravity Feed)	TF 16202 51845	1.94 km northeast	Upstream
A5	4/30/11*S/0091	Pochin	Spray Irrigation - Storage	Surface Water	KYME EAU SOUTH KYME VILLAGE	TF 17500 49710	1.95 km east	Downstream
A6	4/30/11*S/0095	E A Dring (Farms) LTD	Spray Irrigation - Direct	Surface Water	SLEA D/S COBBLERS LOCK R.BANK	TF 13449 40000	0.86 km north	Upstream
A7	4/30/12*G/0229	The Thorpe & Asgarby Estate LTD	Spray Irrigation - Direct	Groundwater	B/H - KIRKBY LA THORPE	TF 09980 44850	1.2 km west	Upstream
A8	4/30/12*S/0026	J. E. Morris (Farmers) LTD	Spray Irrigation - Direct	Surface Water	MIDFODDER DIKE SOUTH KYME FEN	TF 16400 47300	0.70 km south	Downstream
A9	4/30/12*S/0052	Orr	Spray Irrigation - Direct	Surface Water	HECKINGTON HEAD DYKE HECKINGTON	TF17050 46750	1.52 km south	Downstream
A10	4/30/12*S/0129	Lincolnshire Field Products LTD	Spray Irrigation - Direct	Surface Water	POINT D UNNAMED DRAIN AT HAMMOND BECK FARM	TF 18723 36335	1.95 km south	Downstream
A11	4/30/12*S/0176	S. Lamyman and Son Limited	Spray Irrigation - Direct	Surface Water	KYME EAU SOUTH KYME	TF 15700 49600	0.26 km east	Downstream
A12a	4/30/12*S/0230	Westmoreland Farms	Spray Irrigation - Storage	Surface Water	POINT A SOKE DYKE IN ASGARBY AND HOWELL	TF 15449 45959	0.25 km west	Downstream
A12b			Spray Irrigation - Storage	Surface Water	POINT B HECKINGTON EAU IN ASGARBY AND HOWELL	TF 15449 45959	0.25 km west	Downstream
A12c			Trickle Irrigation - Direct	Surface Water	POINT A SOKE DYKE IN ASGARBY AND HOWELL	TF 15449 45959	0.25 km west	Downstream
A12d			Trickle Irrigation - Direct	Surface Water	POINT B HECKINGTON EAU IN ASGARBY AND HOWELL	TF 15449 45959	0.25 km west	Downstream
A13	4/30/12*S/0236	G Veg Limited	Spray Irrigation - Storage	Surface Water	UNNAMED DYKE HECKINGTON	TF 15700 44510	0.31 km west	Downstream
A14a	4/30/12*S/0242	SARDESON	Spray Irrigation - Storage	Surface Water	POINT A DRAIN IN BLACK SLUICE IDB AT HECKINGTON	TF17199 45061	0.51 km east	Downstream
A14b			Trickle Irrigation - Direct	Surface Water	POINT A DRAIN IN BLACK SLUICE IDB AT HECKINGTON	TF17199 45061	0.51 km east	Downstream
A15a	4/30/12*S/0250		Spray Irrigation - Storage	Surface Water	HODGE DYKE AT HOWELL	TF15100 47800	Onsite	Downstream
A15b			Spray Irrigation - Storage	Surface Water	WATERCOURSE LEAD.TO HODGE DYKE	TF13700 46600	Onsite	Downstream
A15c			Spray Irrigation - Storage	Surface Water	WATERCOURSE LEAD.TO HODGE DYKE	TF14100 46700	Onsite	Downstream
A16a	4/30/12*S/0272	L C J Mountain Farms Limited	Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 16878 41564	0.92 km south	Upstream
A16b			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 17015 42025	0.43 km south	Upstream

Figure Reference 11.5	Licence No*	Operator	Use Description	Source Type	Abstraction Point Name	National Grid Reference	Distance From Site	Upgradient, Downgradient, Upstream Or Downstream Of The Proposed Development
A16c			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 16878 41564	0.92 km south	Upstream
A16d			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 17015 42025	0.43 km south	Upstream
A16e			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 16878 41564	0.92 km south	Upstream
A16f			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 17015 42025	0.43 km south	Upstream
A16g			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 17411 43019	0.21 km north	Upstream
A16h			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 17479 39519	1.42 km southwest	Upstream
A16i			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 18749 42215	0.01 km north	Upstream
A16j			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 18797 42397	0.01 km north	Downstream
A16k			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 20268 42513	0.47 km north	Upstream
A16l			Spray Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 20417 42814	0.78 km north	Upstream
A16m			Spray Irrigation - Storage	Surface Water	OLD FORTY FOOT DRAIN – GREAT HALE	TF 18379 41482	0.73 km south	Upstream
A16n			Spray Irrigation - Storage	Surface Water	OLD FORTY FOOT DRAIN – GREAT HALE	TF 18706 42177	0.02 km south	Upstream
A16o			General Agriculture Transfer Between Sources (Pre Water Act 2003)	Surface Water	OLD FORTY FOOT DRAIN – GREAT HALE	TF 18379 41482	0.73 km south	Upstream
A16p			General Agriculture Transfer Between Sources (Pre Water Act 2003)	Surface Water	OLD FORTY FOOT DRAIN – GREAT HALE	TF 18706 42177	0.02 km south	Upstream
A16q			Trickle Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 16878 41564	0.92 km south	Upstream
A16r			Trickle Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 17015 42025	0.43 km south	Upstream
A16s			Trickle Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 17411 43019	0.21 km north	Upstream
A16t			Trickle Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 17479 39519	1.42 km southwest	Downstream
A16u			Trickle Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 18749 42215	0.01 km north	Upstream
A16v			Trickle Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 18797 42397	0.01 km north	Downstream
A16w			Trickle Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 20268 42513	0.47 km north	Upstream
A16x			Trickle Irrigation - Direct	Surface Water	DRAINS AT GREAT HALE FEN AND LITTLE HALE FEN	TF 20417 42814	0.78 km north	Upstream
A16y			Trickle Irrigation - Direct	Surface Water	OLD FORTY FOOT DRAIN – GREAT HALE	TF 18379 41482	0.73 km south	Upstream
A16z			Trickle Irrigation - Storage	Surface Water	OLD FORTY FOOT DRAIN – GREAT HALE	TF 18706 42177	0.02 km south	Upstream
A17	4/30/12/*S/0275	Sardeson	Spray Irrigation - Storage	Surface Water	HECKINGTON EAU NR HECKINGTON	TF 14940 45520	0.86 km west	Upstream
A18	AN/030/0012/009	L C J Mountain Farms Limited	Spray Irrigation - Storage	Surface Water	GREAT HALE EAU AT LINCOLNSHIRE FENS	TF 18711 42206	Onsite	Downstream

Figure Reference 11.5	Licence No*	Operator	Use Description	Source Type	Abstraction Point Name	National Grid Reference	Distance From Site	Upgradient, Downgradient, Upstream Or Downstream Of The Proposed Development
A19	AN/030/0012/012		General Agriculture Transfer Between Sources (Pre Water Act 2003)	Surface Water	SOUTH FORTY FOOT DRAIN AT LINCOLNSHIRE FENS	TF 20691 42606	0.61 km north	Upstream
A20a	AN/030/0012/014	JLP Farming	Spray Irrigation - Direct	Surface Water	INLAND WATER AT HECKINGTON	TF 13400 44765	1.66 km south	Upstream
A20b			Spray Irrigation - Direct	Surface Water	INLAND WATER AT HECKINGTON	TF 13400 44765	1.69 km south	Upstream
A21	AN/030/0012/017	Robert Ezekiel Needham	Spray Irrigation - Direct	Surface Water	SOUTH FORTY FOOT DRAIN AT LITTLE HALE FEN	TF 18520 39510	0.40 km south	Downstream
A22	AN/030/0012/033	Stephen Pugh	Trickle Irrigation - Direct	Surface Water	A – B, HAMMOND BECK AND UNNAMED DRAIN, LOWGROUNDS FARM	TF 21646 40833	1.15 km east	Upstream
A23a	AN/030/0012/052	John Grant (Donington)	Spray Irrigation - Direct	Surface Water	DRAINS A, B, C AND D AT BICKER FEN	TF 19663 40751	Onsite	Downstream
A23b			Spray Irrigation - Direct	Surface Water	DRAINS A, B, C AND D AT BICKER FEN	TF 18702 39731	0.20 km west	Downstream

Note
*All information has been provided by the Environment Agency from data requests issued by email on 17 June 2023 and 29 November 2024.