

Stonestreet Green Solar

Environmental Statement

Volume 4: Appendices

Chapter 17: Cumulative Assessment

Appendix 17.1: Effect Interactions

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Table of Contents

1	Introduction _____	2
1.1	Purpose of this Appendix _____	2
2	Effect Interactions Topic Screening _____	3
3	Relevant Study Areas _____	5
4	Effect Interactions Matrix _____	7

List of Tables

Table 17A.1: Matrix of Potential for Effect Interactions Between Environmental Aspects

Table 17A.2: Technical Topic Study Areas

Table 17A.1 Potential effect interactions during construction

Table 17A.2 Potential effect interactions during operation

Table 17A.3 Potential effect interactions during decommissioning

1 Introduction

1.1 Purpose of this Appendix

1.1.1 This Appendix provides information to inform the assessment of Effect interactions presented in **ES Volume 2, Chapter 17: Cumulative Assessment (Doc Ref. 5.2)**.

1.1.2 The Appendix is structured as follows:

- **Section 2** – provides a screening appraisal of the potential interactions between the environmental aspects in a matrix format and the topics screened out of further consideration in the effect interactions assessment.
- **Section 3** – summarises study areas for technical assessments for ease of reference in the assessment.
- **Section 4** – this section presents the potential interactions of residual effects on receptors identified within **Chapters 7 to 15** of the **ES Volume 2** in a detailed matrix. This matrix is used to inform the effect interactions assessment within **ES Volume Chapter 17: Cumulative Assessment (Doc Ref. 5.2)**.

1.1.3 This Appendix presents information on effect interactions (or intra-project effects) only and does not provide information on cumulative effects (inter-project effects). Cumulative effects are assessed and concluded within **Chapters 7 to 16** of **ES Volume 2 (Doc Ref. 5.2)** and the results are summarised in **ES Volume 2, Chapter 17: Cumulative Assessment (Doc Ref. 5.2)**.

2 Effect Interactions Topic Screening

2.1.1 **Table 17A.1** of this Appendix provides an appraisal of the potential interactions between the environmental aspects in a matrix format. It examines the potential for the environmental aspects (left-hand column) to interact with those in the top row of the matrix and thereby have a combined effect on receptors as a result of the Project. This table was included in the PEIR Addendum (Table 15.1) although the order of environmental aspects has been updated to reflect the order of chapters in the ES.

2.1.2 'Y' indicates the potential for an effect during construction, decommissioning and/or operational phases which will be considered further in the effect interactions assessment. '-' indicates there is no potential for an effect interaction to occur on a single receptor.

Table 17A.1: Matrix of Potential for Effect Interactions Between Environmental Aspects

Topic	A	BH	LV	B	WE	LC	SE	T	N	CC*
A	-	-	-	-	-	-	-	-	-	-
BH	-	-	-	-	-	-	-	Y	Y	-
LV	-	-	-	-	-	-	Y	Y	Y	-
B	-	-	-	-	Y	Y	-	Y	Y	-
WE	-	-	-	Y	-	Y	-	-	-	-
LC	-	-	-	Y	Y	-	Y	-	-	-
SE	-	-	Y	-	-	Y	-	Y	Y	-
T	-	Y	Y	Y	-	-	Y	-	Y	-
N	-	Y	Y	Y	-	-	Y	Y	-	-
CC*	-	-	-	-	-	-	-	-	-	-

Notes:

Cultural Heritage (comprising Archaeology (A); Built Heritage (BH)); Landscape and Views (LV); Biodiversity (B); Water Environment (WE); Land Contamination (LC); Socio-Economics (SE); Traffic and Access (T); Noise (N); and Climate Change (CC).

*Technical assessment includes an effect interaction assessment as part of the impact assessment as standard practice. Further effect interaction assessment is therefore not undertaken of these topics in **ES Volume 2, Chapter 17: Cumulative Assessment (Doc Ref. 5.2)**.

2.1.3 Certain technical chapters of the ES include an assessment of effect interactions as standard practice, and this is included within the technical chapter. These include:

- **ES Volume 2, Chapter 7: Cultural Heritage (Doc Ref. 5.2)** – the Built Heritage assessment considers how effects could interact (e.g. noise and traffic during construction) could combine to affect the setting of heritage assets.
- **ES Volume 2, Chapter 9: Biodiversity (Doc Ref. 5.2)** - considers the potential for air quality, noise, hydrological, lighting and other impacts as part of the assessment on individual receptors.
- **ES Volume 2, Chapter 15: Climate Change (Doc Ref. 5.2)** - considers the emissions from traffic introduced by the construction, operation and maintenance and decommissioning of the Project.

2.1.4 The above topics are not considered further in the effect interaction assessment as they are reported in the respective technical chapters. Only the following topics are therefore taken forward for further assessment in **Section 4**:

- Landscape and Views;
- Water Environment;
- Land Contamination;
- Socio-Economics;
- Traffic and Access (construction phase only); and
- Noise.

3 Relevant Study Areas

- 3.1.1 **Table 17A.2** sets out the study areas / zones of influence of relevance to each topic which is used to identify the assessment of potential effect interactions in **Section 4** of this Appendix.
- 3.1.2 As outlined within Table 17A.2, the Study Area for the assessment of Noise extends to the Site and immediate locality (up to 300m), while the Study Area for Landscape and Visual effects has a broader extent – approximately 8km from the Site. Consequently, there is a spatial overlap with all topics within a circa 300m radius of the Site boundary, and therefore all effects on receptors within a 300m radius of the Site are considered within this effect interaction assessment. Beyond this distance it is not considered that there is any potential for intra-project interactions as there would be no spatial overlap between environmental topics.
- 3.1.3 In addition to the above, the construction Noise, Traffic, and Access evaluation encompass an assessment of the interaction effects on receptors situated within 50m from the kerb line of the roads traversed by construction traffic from the A10 Junction to the Primary Site Access.

Table 17A.2: Technical Topic Study Areas

Topic	Study Area		
	Construction	Operation	Decommissioning
Landscape and Views	Schemes with overlapping Study Areas (up to 8kms from Site Boundary), identification of common receptors/ receptor groups and the predicted scheme timelines The study area for the assessment of cumulative landscape effects has been set to the LCAs containing the Site (i.e. LCA Aldington Ridge, LCA Upper Stour Valley and LCA Old Romney Shorelines).		
Water Environment	2km for catchments with a maximum downstream distance of 5km from the Site boundary.		
Land Contamination	250m of the Site boundary.		
Socio-economics	Local Study Area – Aldington and Bonnington Parish, Mersham Parish and Smeeth Parish. Wider Study Area – Ashford Borough Council (ABC) and Folkstone and Hythe District Council (FHDC).		
Traffic and Access	Construction traffic routes within the	Scoped out of further assessment in the EIA.	Scoped out of further assessment in the EIA.

Topic	Study Area		
	Construction	Operation	Decommissioning
	Site and to the M20 motorway.		
Noise	<p>Construction Noise - 300m from the Site boundary.</p> <p>Construction Road Traffic Noise – 50m from the kerb line of public roads with the potential for an increase in baseline noise level ('BNL') of 1 dB(A) or more as a result of the addition of construction traffic to existing traffic levels.</p>	<p>Operational Noise - 300m from the Site boundary.</p> <p>Operational Traffic Noise - Scoped out of further assessment in the EIA.</p>	<p>Decommissioning Noise - 300m from the Site boundary.</p> <p>Decommissioning Traffic Noise – 50m from the kerb line of public roads with the potential for an increase in baseline noise level ('BNL') of 1 dB(A) or more as a result of the addition of construction traffic to existing traffic levels.</p>

4 Effect Interactions Matrix

4.1.1 **Table 17A.3, Table 17A.4, and Table 17A.5** present the effect interactions for each of the receptors identified to have potential effects of minor, moderate or major magnitude in **Chapters 7 – 16 of ES Volume 2 (Doc Ref. 5.4)** during construction, operation and decommissioning respectively. Where there are no effects are identified are excluded from **Table 17A.3, Table 17A.4, and Table 17A.5.**

4.1.2 The following symbols and letters are used within the tables:

Negligible	/	
Negligible Adverse	/-	
Negligible Beneficial	/+	
Adverse	Minor	-
	Moderate	--
	Major	---
Beneficial	Minor	+
	Moderate	++
	Major	+++
Assessed but no effects	N/A	
Effect Interactions Possible	Y	
Effect Interactions Not Possible	N	

Table 17A.1 Potential effect interactions during construction

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Chapter 8 – Landscape and Views							
<i>Landscape Effects</i>							
Open Fields	-						N
Hedgerows	/-						N
Canopy Trees	/-						N
Woodland	N/A						N
The Character of the Site	-						N
LCA Aldington Ridge	-						N
LCA Old Romney Shoreline Wooded Farmlands	/-						N
LCA Upper Stour Valley	/-						N
NL LCA 2C Postling Scarp and Vale	-						N
NL LCA 4C Stour Valley	/						N
NL LCA 5B Lypne Greensand Escarpment	/-						N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
<i>Visual Effects</i>							
Users of PRow within/adjacent to the proposed PV Array (PRow AE385, AE396, AE370, AE377, AE378, AE428, AE447, AE431, AE436, AE657, AE454, AE475 and AE455)	--		/	/ to -		/	Y
Users of PRow within/adjacent to the Site with open panoramic views towards the Kent Downs NL (PRow AE370 /AE377 and AE474)	--		/	/ to -		/	Y
Users of PRow within Fields 26-29	-+		/	-		/	Y
Travellers on Laws Lane	/-						N
Users of PRow AE401, Collier's Hill	--					/	N
Residents on Laws Lane	- to --		/	/ to -	-	-	Y
Users of PRow AE396	-		/	-		/	Y
Residents on Frith Road	-					/	N
Users of PRow AE442	/-					/	N
People travelling on Frith Road	/-						N
People travelling along Bank Road	/-						N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Residents on Bank Road (Becketts Green, Bow Cottage & Spring Cottage)	-					/ to -	Y
Residents at Broadbanks (Bank Farm)	-					-	Y
People traveling along Bank Road / Coopers Lane	/-						N
Residents at the junction of Bank Road / Coopers Lane	/-						N
People traveling along Coopers Lane	/-						N
Residents at Handen Farm / Handen Farm Cottage	-						
People travelling on Calleywell Lane	/-						N
Residents on Calleywell Lane	-					-	Y
Users of PRow AE449	- to - -		/			/	N
Residents on the northern edge of Aldington	- to - -		/	/ to -		-	Y
People travelling along Goldwell Lane / Station Road, within the Site	- to /-						N
Residents on Station Road (Evegate Mill House)	- to - -		/	/ to -	/ to -	-	Y
Users of PRow AE370 – Outside of the Site	-						N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
People travelling on Station Road, north of the Site	/						N
Anglers at the Aldington Flood Storage Area	/						
People travelling on Harringe Lane	N/A						N
Users of PRoW AE457 – Outside of the Site	N/A						N
People travelling on Goldwell Lane	/-						N
Residents on Goldwell Lane	-					-	Y
Users of PRoW AE475 - Outside of the Site	/ to -						N
Users of PRoW AE455 – Outside of the Site	/-						N
People travelling along Roman Road, and users of PRoW AE473	-						
Residents on Roman Road	/-						N
Users of PRoW AE474	/-						N
Users of PRoW AE401, Collier’s Hill	- -						
Users of PRoW AE428 – outside of the Site	-						
Users of PRoW AE370 – near The Forstal	-						

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Residents in The Forstal	/ to -						
People Travelling on Bower Road	/-						N
Residents in Mersham	-						
Users of PRow HE307	/-			-			N
People travelling on the North Downs Way in the Kent Downs NL	/-						N
<i>Night-Time Effects</i>							
NP 14: Users of PRow AE449	-		/				N
NP16: People travelling along Goldwell Lane, within the Site	/-						N
NP 22 People travelling along Harringe Lane	N/A						N
NP27: People travelling along Roman Road, and users of PRow AE473	-						N
NP34: People travelling along the North Downs Way in the Kent Downs NL	-		/				N
<i>Chapter 10 – Water</i>							
Flood Risk		/					N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
<i>Surface Water Runoff</i>							
East Stour River		/	-				N
Ordinary Watercourses		/					N
Groundwater		/	- to /				N
Hatch Park SSSI		/					N
Dungeness and Romney Marsh and Rye Bay Ramsar and SPA		/					N
<i>Pollution</i>							
Stodmarsh SAC		N/A					N
East Stour River		-	-				Y
Ordinary Watercourses		/					N
Groundwater		/	- to /				N
Hatch Park SSSI		/					N
Dungeness Romney Marsh and Rye Bay Ramsar and SPA		/					N
Chapter 11 – Land Contamination							

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
<i>Human Health</i>							
Construction Workers			-				N
Adjacent Site Users	/ to - -		/			/	N
<i>Controlled Waters – Ground Waters</i>							
Hythe Formation – Principal Aquifer		/	-				N
Alluvium Superficial Deposits - Secondary A Aquifer		/	/				N
Atherfield and Weald Clay Formations - Unproductive Aquifers		/	/				N
<i>Controlled Waters – Surface Waters</i>							
East Stour River		/	-				N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
<i>Other</i>							
Ecosystem			/				N
Chapter 12 – Socio-Economics							
Construction Employment Effects on the Wider Study Area (ABC and FHDC)				/ to +			N
Construction effects on the Local Study Area (Aldington Parish, Mersham Parish and Smeeth Parish), County (Kent County Council), Region (South East) and National (UK))				/			N
Construction Workforce Spending on the Wider Study Area				/ to -			N
Contribution to Construction Output at a Regional Scale				/+			N
Construction Supply Chain Effects				/			N
Effects on the Regional and Local Agricultural Economy				/			N
Effects on PRoW that interact with the Site:						/	
AE 455	--						Y
AE 447	--			-			Y

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
AE 454	--			-			Y
AE 475	--			-			Y
AE 656							N
AE 657	--			-			Y
AE 370	--			-			Y
AE 377	--			-			Y
AE 385	--			--			Y
AE 378	--			-			Y
AE 428	--			-			Y
AE 448							N
AE 431	--			-			Y
AE 436	--			-			Y
NEW 1				-			N
NEW 2				-			N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
NEW 3				-			N
NEW 6				-			N
NEW 7				-			N
NEW 8				-			N
Diverted AE 385				-			N
Bank Road				-			N
AE 380 (north of Bank Road)				-			N
AE 474				-			N
AE 396 (BOAT)	--			-			Y
Local and regional tourist economy				/			N
Community, recreational and tourist facilities / receptors				/ to -		/	N
Local residential and community receptors	- to --			/ to -		/	Y

Chapter 13 Traffic and Access

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
A20 Hythe Road between and including M20 Junction 10a and Stock Lane (10/10A, 18A and 125 bus routes, Hatch Park & Hatch Lodge; and Blue and White Café)					/ to -		N
A20 Hythe Road between Stock Lane and Station Road and Station Road between A20 Hythe Road and M20 bridge (The Caldecott School)					-		N
Station Road between M20 bridge and Primary Site Access (Evegate Business Park)	- to - -				/ to -		Y
Goldwell Lane between Calleywell Lane and south of Goldwell Court (Goldwell Lane bend, Woodleas Camping and Caravan Site and Woodleas Farm; Symnells & Walled Forecourt (listed) and neighbouring properties; and Goldwell (listed) and neighbouring properties)	/-				/ to -	-	Y
Goldwell Lane between south of Goldwell Court and Footpath AE474 (Goldwell Lane Site Access, Aldington Eco Center)	/-				/ to -	-	Y
Footpath AE474	- -			-	/ to -	-	Y

Chapter 14 - Noise

NSR 07	Becketts Green					-	N
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Receptor		Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
NSR 08*	Broadbanks						-	N
NSR 09	The Gables						-	N
NSR 24	1 Cromwell Close (representing Aldington Village Hall)	/-					-	N
NSR 25	Aldington Eco Centre	/-					-	N
NSR 26	Goldwell Farm	/-					-	N
NSR 27	Springfield	/-					-	N
NSR 28	Callywell Barn	-					-	Y
NSR 29	Little Goldwell Farm	/-					-	N
NSR 30	Wellside	/					-	N
NSR 31	Elmsvale	/					-	N
NSR 32	Willow Cottage	/					-	N
NSR 34	Woodleas Farm	/-					-	N
NSR 35	The Old Cottage Lodge	/					-	N

Receptor		Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
NSR 41	Handen Farm						-	N
NSR 43	Woodleas Camping and Caravan Site	/-					-	N
Users of PRow		- to - -		/			/	N
Other NSR		/ to -					/	N

Table 17A.2 Potential effect interactions during operation

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Chapter 8 – Landscape and Views							
<i>Landscape Effects</i>							
Open Fields	-- to ---						N
The Character of the Site	-- to ---						N
Aldington Ridge LCA	--						N
LCA: Upper Stour Valley	- to --						N
LCA 2C Postling Scarp and Vale	- to --						N
Hedgerows	+ or /+ to +						N
Canopy Trees							N
Woodland						/ to -	N
LCA – Old Romney Shoreline Wooded Farmlands	/						N
NL LCA 5B Lypne Greensand Escarpment	/						N
NL LCA 4C Stour Valley	/						N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Visual Effects							
Users of PRow within / adjacent to the Project	- -to ---		/	- to +			Y
Users of PRow within/adjacent to the Site with open panoramic views towards the Kent Downs NL	-- to ---		/	- to +			Y
Users of PRow within Fields 26-29	- to --		/	+			Y
Travelers on Laws Lane	-						N
Residents on Laws Lane	--		/	/		/ to -	Y
Users of PRow AE396	--		/				N
Residents on Frith Road	--		/	/		/ to -	Y
Users of PRow AE442	-						
Users of PRow AE385 – Outside of the Site	/-						N
People travelling on Frith Road	/-						N
People travelling along Bank Road	--		/	/			N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Residents on Bank Road (Becketts Green, Bow Cottage and Spring Cottage)	--		/	/		/ to -	Y
Residents at Broadbanks (Bank Farm)	/ to -					/ to -	Y
People traveling along Bank Road / Coopers Lane	/-						N
Residents at the junction of Bank Road / Coopers Lane	-					/ to -	Y
People traveling along Coopers Lane	/-						N
User of PRow AE377	--		/	-			Y
Residents at Handen Farm / Handen Farm Cottage	--		/	/			N
People travelling on Calleywell Lane	-						
Resident on Calleywell Lane	--		/	/			N
Users of PRow AE449	--		/				N
Residents on the northern edge of Aldington	--		/				N
People travelling along Goldwell Lane/Station Road	--		/				N
Residents on Station Road (Evegate Mill House)	--		/	/			N
Users of PRow AE370 – Outside of the Site	--		/	-			Y

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
People travelling on Station Road, north of the Site	-						N
Anglers at the Aldington Flood Storage Area	/ to -						
People travelling on Harringe Lane	N/A						
Users of PRow AE457 – Outside of the Site	N/A						
People travelling on Goldwell Lane	/						N
Residents on Goldwell Lane	-					/	N
Users of PRow AE475 - Outside of the Site	- to - -						N
Users of PRow AE455 – Outside of the Site	/						N
People travelling along Roman Road, and users of PRow AE473	-						N
Residents on Roman Road	-					/ to -	Y
Users of PRow AE474	/						N
Users of PRow AE401, Collier's Hill	- -						N
Users of PRow AE428 – outside of the Site	- -		/	-			Y
Users of PRow AE370 – near The Forstal	- -		/	-			Y

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Residents in The Forstal	- to - -			/			N
People Travelling on Bower Road	/						N
Residents in Mersham	- -			/			N
Users of PRoW HE307	/						N

Night-time Effects

Scoped out for the operational phase.

Chapter 10 – Water

Flood Risk		/					N
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Surface Water Runoff

East Stour River		/	-				N
Ordinary Watercourses		/					N
Groundwater		/	- to /				N
Hatch Park SSSI		/					N
Dungeness and Romney Marsh and Rye Bay Ramsar and SPA		/					N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
<i>Pollution</i>							
East Stour River		/	-				N
Ordinary Watercourses		/					N
Groundwater		/	- to /				N
Hatch Park SSSI		/					N
Dungeness Romney Marsh and Rye Bay Ramsar and SPA		/					N
<i>Chapter 11 – Land Contamination</i>							
<i>Human Health</i>							
Maintenance Workers			/				N
Adjacent Site Users	-- to ---		/				N
<i>Controlled Waters - Groundwater</i>							
Hythe Formation - Principal Aquifer		/	-				N
Alluvium Superficial Deposits – Secondary A Aquifer		/	/				N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Atherfield and Weald Clay Formations - Unproductive Aquifers		/	/				N
<i>Controlled Waters – Surface Waters</i>							
East Stour River		/	-				N
<i>Other</i>							
Ecosystem			/				N
Built Environment			/				N
<i>Chapter 12 – Socio-economics</i>							
National renewable energy economy				+ to ++			N
Regional and local agricultural economy				/			N
AE 454	--			-			Y
AE 475	--			/			N
AE 455	--			-			Y
AE 656 and AE 657	- to --			/			N
AE 370	--			-			Y

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
AE 377	--			-			Y
AE 385	--			-			Y
AE 447	--			-			Y
AE 378	--			-			Y
AE 428	--			-			Y
AE 448	--			/			Y
AE 431	--			/			Y
AE 436	--			-			Y
Community, recreational and tourist facilities / receptors				-TO /			N
Local residential and community receptors				/			N
Chapter 13 – Traffic and Access							
Scoped out of the Assessment							
Chapter 14 – Noise							
NSR 01	Spring Cottage	--				/ to -	Y

Receptor		Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
NSR 03	Jonquills						/ to -	N
NSR 04	Broadoak Lodge	-					/ to -	Y
NSR 05	Hotel Energy						/ to -	N
NSR 06	Stonegreen Hall Farm (representing Mersham Sports Ground)						/ to -	N
NSR 07	Becketts Green	-					/ to -	Y
NSR 08	Broadbanks	/ to -					/ to -	N
NSR 09	The Gables						/ to -	N
NSR 10	Stonelees	--			/		/ to -	Y
NSR 11*	The Haven	--			/		/ to -	Y
NSR 12	Shelwyn						/ to -	N
NSR 13	Haven Boarding Kennels and Cattery	--			/		/ to -	Y
NSR 14	Red Barn Farm	--			/		/ to -	Y
NSR 15	Little Gains Farm						/ to -	N
NSR 16	Goodwin Farm	--			/		/ to -	Y

Receptor		Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
NSR 17	Cottesloe	--			/		/ to -	Y
NSR 18	Quested Cottage	--			/		/ to -	Y
NSR 19	Bengeo	--			/		/ to -	Y
NSR 20	Sea Glympse	--			/		/ to -	Y
NSR 30	Wellside	/					/ to -	N
NSR 32	Willow Cottage	/					/ to -	N
NSR 33	The Cottage	/					/ to -	N
NSR 41	Handen Farm						-	N
NSR 45	Handen Wood (Ancient Woodland)	--					/ to -	N
All Other NSRs							/	N

Table 17A.3 Potential effect interactions during decommissioning

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Chapter 8 – Landscape and Views							
<i>Landscape Effects</i>							
Open Fields	- and +						N
The Character of the Site	/						N
Aldington Ridge LCA	-						N
LCA: Upper Stour Valley	/						N
LCA 2C Postling Scarp and Vale	/						N
Hedgerows	-						N
Canopy Trees	-						N
Woodland	/						N
LCA – Old Romney Shoreline Wooded Farmlands	/						N
NL LCA 5B Lympe Greensand Escarpment	/						N
NL LCA 4C Stour Valley	/						N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Visual Effects							
Users of PRow within /adjacent proposed solar PV areas	- to -			- to +			Y
Users of PRow within/adjacent to the Site with open panoramic views towards the Kent Downs NL, including AE370 /AE377 and AE474.	-			- to +			Y
Users of PRow within Fields 26-29	/			- to +			N
People travelling along Laws Lane	/						N
Residents on Laws Lane	/						N
Users of PRow AE396	/						N
Residents on Frith Road	/						N
Users of PRow AE442	/						N
Users of PRow AE385 – Outside of the Site	/						N
People travelling on Frith Road	/						N
People travelling along Bank Road	/						N
Residents on Bank Road (Becketts Green, Bow Cottage & Spring Cottage)	/						N
Residents at Broadbanks (Bank Farm)	-			/ to -			Y

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
People traveling along Bank Road / Coopers Lane	/						N
Residents at the junction of Bank Road / Coopers Lane	/						N
People traveling along Coopers Lane	/						N
Users of PRow AE377 – outside of the Site	/						N
Residents at Handen Farm / Handen Farm Cottage	/						N
People travelling on Calleywell Lane	/						N
Residents on Calleywell Lane	/						N
Users of PRow AE449	/						N
Residents in the north of Aldington	/						N
People travelling along Goldwell Lane / Station Road, within the Site	/						N
Residents on Station Road (Evegate Mill House)	/						N
Users of PRow AE370 – Outside of the Site	/						N
People travelling on Station Road, north of the Site	/						N
Anglers at the Aldington Flood Storage Area	/						N
People travelling on Harringe Lane	N/A						N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Users of PRow AE457 – Outside of the Site	N/A						N
People travelling on Station Road, north of the Site	/						N
People travelling on Goldwell Lane	/						N
Residents on Goldwell Lane	/ to -			/ to -			Y
Users of PRow AE475 - Outside of the Site	/						N
Users of PRow AE455 – Outside of the Site	/						N
People travelling along Roman Road, and users of PRow AE473	/						N
Residents on Roman Road	/						N
Users of PRow AE474	/						N
Users of PRow AE401, Collier’s Hill	--						N
Users of PRow AE428 – outside of the Site	-						N
Users of PRow AE370 – near The Forstal	/						N
Residents in The Forstal	/						N
People Travelling on Bower Road	/						N
Residents in Mersham	/						N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Users of PRow HE307	/						N
People travelling on the North Downs Way in the Kent Downs NL	/						N

Night-time Effects

Scoped out for the operational phase.

Chapter 10 – Water Environment

East Stour River (Pollution)	-		-				Y
All Other Receptors	/						N

Chapter 11 – Land Contamination

Human Health

Decommissioning Workers			/				N
Adjacent Site Users	- to - -		/				N

Controlled Waters – Groundwaters

Principal Groundwater Aquifer (Hythe Formation)			-				N
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Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Secondary A Groundwater Aquifer (Alluvium Superficial Deposits)			/				N
Unproductive Groundwater Aquifers (Atherfield and Weald Clay Formation)			/				N
<i>Controlled Waters</i>							
Surface Waters (East Stour River)		-	-				N
<i>Other</i>							
Ecosystem			/				N
<i>Chapter 12 – Socio-Economics</i>							
Decommissioning Employment Effects on the Wider Study Area (ABC and FHDC)				/ to +			N
Decommissioning effects on the Local Study Area (Aldington Parish, Mersham Parish and Smeeth Parish), County (Kent County Council), Region (South East) and National (UK))				/			N
Decommissioning Workforce Spending on the Wider Study Area				/			N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Decommissioning to Construction Output at a Regional Scale				/+			N
Decommissioning Supply Chain Effects				/			N
Effects on the Regional and Local Agricultural Economy				/			N
Effects on PRow that interact with the Site:							
AE 455				-			N
AE 447				-			N
AE 454				-			N
AE 475				-			N
AE 656							N
AE 657				-			N
AE 370				-			N
AE 377				-			N
AE 385				+			N
AE 378				-			N
AE 428				-			N

Receptor	Land Contaminatio n	Water Environment	Landscape and Views	Socio- Economic	Traffic and Access	Noise	Effect Interactions
AE 448							N
AE 431				.			N
AE 436				.			N
NEW 1				.			N
NEW 2				.			N
NEW 3				.			N
NEW 6				.			N
NEW 7				.			N
NEW 8				.			N
Diverted AE 385				.			N
Bank Road				.			N
AE 380 (north of Bank Road)				.			N
AE 474				.			N
AE 396 (BOAT)				.			N
Community, recreational and tourist facilities / receptors				/ to -			N

Receptor	Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
Local residential and community receptors				/ to -			N

Chapter 13 – Traffic and Access

Scoped out of the assessment.

Chapter 14 – Noise

Assessed as same for Construction stage (/ to -)

Chapter 14 - Noise

NSR 07	Becketts Green					-	N
NSR 08*	Broadbanks	-				-	Y
NSR 09	The Gables					-	N
NSR 24	1 Cromwell Close (representing Aldington Village Hall)	-				-	Y
NSR 25	Aldington Eco Centre	-				-	Y
NSR 26	Goldwell Farm	-				-	Y
NSR 27	Springfield	-				-	Y
NSR 28	Callywell Barn	-				-	Y

Receptor		Landscape and Views	Water Environment	Land Contamination	Socio-Economic	Traffic and Access	Noise	Effect Interactions
NSR 29	Little Goldwell Farm	.					-	Y
NSR 30	Wellside						-	N
NSR 32	Willow Cottage						-	N
NSR 34	Woodleas Farm						-	N
NSR 35	The Old Cottage Lodge						-	N
NSR 36	The Mill House						-	N
NSR 38	Park Wood Cottage						-	N