

Canterbury City Council

Sustainability Appraisal of SHLAA Sites

Rural (south) Worksheets

Adisham, Barham, Bramling, Bekesbourne, Bossingham, Bridge, Chartham, Chartham Hatch, Ickham, Kingston, Littlebourne, Petham.

SHLAA	Reference	Company_Agent	Site Address	Street	Town
SHLAA	5		No.4 Duckpitts Bungalow		Bramling
SHLAA	14	N/A	Little Swarling	Watery Lane	Petham
SHLAA	22		14b	The Street	Kingston
SHLAA	26	N/A	1 Nicklegate Cottages	Ashford Rd	Chartham
SHLAA	33	N/A	Land at The Piggery	Valley Road	Barham
SHLAA	34	George Webb Finn	Land & Buildings Chartham View	Cockering Road	Chartham
SHLAA	35	George Webb Finn	Land west of	Rentain Rd	Chartham
SHLAA	36	George Webb Finn	Land Adjoining	Bakers Lane	Chartham
SHLAA	44		84	Bekesbourne Lane	Littlebourne
SHLAA	47	N/A	Matunda	Howfield Lane	Chartham
SHLAA	48	N/A	Rose Garden	Ashford Road	Chartham
SHLAA	52	George Webb Finn	Burnt House Farm		Chartham
SHLAA	67	Lee Evans Planning	Former Salvation Army Hall	Shalmsford Street	Chartham
SHLAA	84	Simon Beck Architects	Land east of Milton Manor & so	Ashford rd	Chartham

SHLAA	Reference	Company_Agent	Site Address	Street	Town
SHLAA	90	Rydon Homes	Land rear of 32	Jubilee Rd	Littlebourne
SHLAA	91	Rydon Homes	Land rear of	The Hill	Littlebourne
SHLAA	93	Cardy Constructions Ltd	Court Hill	Court Hill	Littlebourne
SHLAA	102	Strutt & Parker	Land at	Drill Lane	Ickham
SHLAA	103	Strutt & Parker	Land at	Bossington Rd	Adisham
SHLAA	104	Strutt & Parker	Land at paddocks	School Lane	Bekesbourne
SHLAA	122	KCC	Littlebourne Primary School	Church Road	Littlebourne
SHLAA	126	Angela Hirst Surveyors&Valuers	Land Adj to Sunnydene	The Street	Petham
SHLAA	139	Hobbs Parker Property Consultanta LLP	Land at	Bourne Park Rd Brewery Lane	Bridge
SHLAA	140	Hobbs Parker Property Consultanta LLP	Land East of	Rattington Street	Chartham
SHLAA	144	Hobbs Parker Property Consultants LLP	Land at	Bossingham Rd	Bossingham
SHLAA	164	CCC	land at	The Elders	Littlebourne
SHLAA	168		Bigberry Farm	Bigberry Road	Chartham Hatch
SHLAA	169	Littlebourne Parish Council	List footpath and Court Hill		Littlebourne
SHLAA	170	Woodstock Associates	Land at	Lawson Close/Bakers Lane	Chartham
SHLAA	171		Land adj Cranmer & Aspinall		Bekesbourne
SHLAA	185	Paul Roberts and Associates	Land at Bakers Lane	Bakers Lane	Chartham
SHLAA	186	n/a	Land at Brickfield Farm	Mill lane	Bridge
SHLAA	201	Savills	Land west of A2 at Bridge		Bridge
SHLAA	211	Goddard Planning Consultancy	Barham Court Farm	Church Lane	Barham

SUSTAINABILITY APPRAISAL
SHLAA005: No.4 Duckpitts Bungalow, Bramling

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Discussion and Assumptions:</p>		
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: The site is not close to local services. Although the site is on a frequent bus route, the bus stop is some distance away and there is no footpath. [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located in a Conservation Area and on the edge of the Special Landscape Area associated with the Kent Downs.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: Potential for protected species on the site		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 1	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA014: Little Swarling, Watery Lane, Petham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	No Impact [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: The eastern part of the site falls within Flood Zones 2 and 3	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Significant Negative Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Significant Negative Impact [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 3	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA022: 14b, The Street, Kingston

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	No Impact [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Discussion and Assumptions:</p>		
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	No Impact [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Potential for protected species - significant copse of woodland and hedgerows	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 3	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA026: 1 Nicklegate Cottages, Ashford Road, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: The Great Stour is located a short distance from the site, but beyond 25m	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: The site is remote from facilities [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	No Impact [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	No Impact [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within the Chartham Conservation Area. The SLA associated with the Blean is located to the north.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	<p>6.1 Will it avoid damage to and enhance species and habitats?</p>	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	<p>6.2 Will it minimise habitat fragmentation?</p>	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	<p>6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?</p>	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	<p>6.4 Will it ensure the sustainable management of natural habitats?</p>	<p><i>Not applicable</i></p>
	<p>6.5 Will it avoid damage to and protect geologically important sites?</p>	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: A Local Wildlife Site associated with the Great Stour is located to the south of the site		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	No Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	No Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	No Impact [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	No Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 3	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA033: Land at the Piggery, Valley Road, Barham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Significant Positive Impact [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	Significant Negative Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	<p>Discussion and Assumptions: The Nailbourne River runs along the edge of this site</p>	
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Positive [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Significant Negative Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: The site is not within 800m of a bus route with 2 services per hour [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Significant Negative Impact [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within the Barham Conservation Area and within the Kent Downs Area of Outstanding Natural Beauty	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	<p>6.1 Will it avoid damage to and enhance species and habitats?</p>	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	<p>6.2 Will it minimise habitat fragmentation?</p>	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	<p>6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?</p>	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	<p>6.4 Will it ensure the sustainable management of natural habitats?</p>	<p><i>Not applicable</i></p>
	<p>6.5 Will it avoid damage to and protect geologically important sites?</p>	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: There is potential for protected species to be present - the site is closely associated with the Nailbourne, surrounded by trees and is currently rough grazed pasture.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Significant Negative Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions: The site is within flood zones 2 and 3	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Significant Negative Impact [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions: The site is within flood zones 2 and 3. Although the Nailbourne normally runs low or dry, there are some periods of significant flooding in the Barham area.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Minor Positive [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Significant Positive Impact [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Significant Positive Impact [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: The site is Grade 3 agricultural land	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL

SHLAA034: Land and buildings at Chartham View, Cockerling Road, Chatham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	Minor Negative [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: There are currently some employment uses on the site Take account of existing uses and loss of employment	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Discussion and Assumptions:</p>		
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: The site is on a frequent bus route. There are services in the village [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Positive [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within the Special Landscape Area	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	<p>6.1 Will it avoid damage to and enhance species and habitats?</p>	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	<p>6.2 Will it minimise habitat fragmentation?</p>	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	<p>6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?</p>	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	<p>6.4 Will it ensure the sustainable management of natural habitats?</p>	<p><i>Not applicable</i></p>
	<p>6.5 Will it avoid damage to and protect geologically important sites?</p>	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: There are trees on the site and a tree survey would be required		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	Minor Negative [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Positive [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Positive [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Positive [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	No Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: This is non-agricultural land	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA035: Land west of Retain Road, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Significant Positive Impact [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	<p>Discussion and Assumptions: Part of the site is just within 25m of a surface drain to the River Stour</p>	
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: Station is just beyond the 800m threshold to the site. Uncertain if there are opportunities to create shorter route or improve existing footpaths [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Significant Negative Impact [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within the Chartham Conservation Area and is close to the boundary of the SLA	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative where feature is designated]
Discussion and Assumptions: The site is close to the Great Stour LWS (170m south), there trees/ hedgerows on the boundary of the site.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions: Adjacent to an area at risk of flooding	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions: Just beyond 5km from town centre		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Significant Positive Impact [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Significant Positive Impact [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: This site is Grade 3 agricultural land	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA036: Land adjoining Bakers Lane, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Significant Positive Impact [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Positive [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Positive [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Significant Negative Impact [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Uncertain [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located close to the boundary of the SLA and AONB. It is adjacent to the Chartham Conservation Area.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: There is a significant area of trees on the site and there is potential for protected species.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	<p>Minor Positive</p> <p>[Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]</p>
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	<p>Minor Positive</p> <p>[Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]</p>
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	<p>Minor Negative</p> <p>[Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]</p>
	10.3 Will location encourage increased use of shops or services within town centre?	<p>Minor Negative</p> <p>[Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions: Just within 5km from town centre		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Significant Positive Impact [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Significant Positive Impact [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: This site is Grade 3 agricultural land	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA044: 84 Bekesbourne Lane, Littlebourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Discussion and Assumptions: e</p>		
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: There are, however services available in Littlebourne, including a regular bus route. [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: Within 1km of Special Landscape Area	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Potential for protected species - substantial boundary hedgerow to agricultural land	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural land classification: Grade 1, however, currently used as garden.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	the character of the countryside?	
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA047: Matunda, Howfield Lane, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	<p>Discussion and Assumptions: The site lies close to the AHLV to the north east and is within 1km of the Special Landscape Area to the south and east. Archaeology - may be early landfill site.</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Site not particularly sensitive regarding biodiversity. There are, however, trees and hedgerows surrounding the site.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Minor Negative [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions: A small area to the south of the site is in an area identified at risk of flooding.	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Minor Negative [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, 	9.1 Will it improve social and environmental	No Impact

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	<p>conditions in the most deprived areas?</p>	<p>[No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]</p>
	<p>9.2 Will it increase economic activity?</p>	<p>No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]</p>
	<p>9.3 Will it improve access to skills and training for raising employment potential?</p>	<p><i>Uncertain</i></p>
	<p>9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?</p>	<p>No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]</p>
	<p>Discussion and Assumptions:</p>	
<p>10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living</p>		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	<p>10.1 Will it improve townscapes/rural centres and physical assets?</p>	<p><i>Uncertain</i></p>
	<p>10.2 Will it encourage more people to live in town centres?</p>	<p>Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]</p>
	<p>10.3 Will location encourage increased use of shops or services within town centre?</p>	<p>Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
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	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
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	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural land classification: Grade 1	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA048: Rose Garden, Ashford Road, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: A drain runs along the north-western boundary of the site	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site lies close to the AHLV to the north east and is within 1km of the Special Landscape Area to the south and east.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	Minor Negative [No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].
	6.2 Will it minimise habitat fragmentation?	Minor Negative No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	Uncertain [Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	No Impact [No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: Potential for protected species to be present on the site - part of the site covered by trees and scrubland.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Significant Negative Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	No Impact [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
Discussion and Assumptions: The site is in an area of flood risk		
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Significant Negative Impact [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
Discussion and Assumptions: The site is an area of flood risk		

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural land classification: Grade 1	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA052: Burnt House Farm, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Positive [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Positive [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Significant Negative Impact [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within 1km of the SLA. Scheduled Ancient Monument (Dovecote) on the site. Listed building on site. Conversions form part of the proposals.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Potential for protected species - trees and farm / historic buildings on site	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Significant Negative Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions: Southernmost part of the site is within Flood Zone 3	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Significant Negative Impact [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions: Southernmost part of the site is within Flood Zone 3	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, 	9.1 Will it improve social and environmental	No Impact

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	conditions in the most deprived areas?	[No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Minor Positive [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	

10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living

<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Some conversion of existing buildings which would not have a greenfield impact. Not in agricultural use.	
	15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources	
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	the character of the countryside?	
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL

SHLAA067: Former Salvation Army Hall, Shalmsford Street, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Discussion and Assumptions:</p>		
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: . [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Positive [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	No Impact [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The Special Landscape Area is located immediately south of the site	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions: .	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Positive [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Positive [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Positive [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Positive [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Non agricultural.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	the character of the countryside?	
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA084: Land East of Milton Manor, Ashford Road, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	<p>Discussion and Assumptions: No employment land proposed, although it may be delivered on adjacent sites</p> <p>Take account of existing uses and loss of employment</p>	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	<p>Uncertain</p> <p>[Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]</p>
	2.3 Will it help retain village/coastal services by stimulating demand?	<p>Uncertain</p> <p>[Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]</p>
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	<p>Uncertain</p> <p>[All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]</p>
	<p>Discussion and Assumptions:</p> <p>The proximity of the site to the city, means the site would act as an extension to the urban area.</p>	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	<p>Minor Negative</p> <p>[All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]</p>
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>
	Discussion and Assumptions: The NW boundary of the site is in close proximity to the Great Stour, separated by the Ashford Road.	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Negative Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Negative Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: Although the site is within 800 of a regular bus route, the site is isolated from services [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Significant Negative Impact [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: Part of the site is located within the AHLV, part within the SLA. Footpaths on the site give access to the countryside and Larkey Valley Wood.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Significant Negative Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Significant Negative Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		recognised geological features. Impacts will be significantly negative where feature is designated]
Discussion and Assumptions: The site is adjacent to Larkey Valley Wood SSSI, and close to the Great Stour LWS.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions: The site is adjacent to an area of flood risk	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	Significant Positive Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions: The site is within Wincheap Ward	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Significant Positive Impact [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Significant Positive Impact [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 3	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA090: Land Rear of 32 Jubilee Road, Littlebourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Take account of existing uses and loss of employment	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	No Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: Significant part of the site is within the Conservation Area	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: There are some hedgerows and trees on the site, which may have biodiversity interest.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: non-agricultural land. Most of the land in a radonaffected area.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	the character of the countryside?	
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA091: Land Rear of The Hill, Littlebourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	Minor Positive [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Take account of existing uses and loss of employment	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	No Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Significant Negative Impact [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: Part of the site is within the Littlebourne Conservation Area. Much of the site is adjacent to the Conservation Area.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: There are some hedgerows, trees and grassland on the site, which may have biodiversity interest.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	<p>Minor Positive</p> <p>[Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]</p>
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	<p>Significant Positive Impact</p> <p>[Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]</p>
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	<p>Significant Negative Impact</p> <p>[Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]</p>
	10.3 Will location encourage increased use of shops or services within town centre?	<p>Significant Negative Impact</p> <p>[Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Significant Positive Impact [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Significant Positive Impact [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Significant Negative Impact [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 1. Part of the land is in a Radon affected area.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	the character of the countryside?	
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA093: Court Hill, Littlebourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	Minor Negative [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	Minor Negative [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	<p>Discussion and Assumptions: Loss of some light industrial units to the south-east of the site. The proposal, however, include the provision of a medical centre.</p> <p>Take account of existing uses and loss of employment</p>	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	<p>Minor Positive</p> <p>[Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]</p>
	2.3 Will it help retain village/coastal services by stimulating demand?	<p>Minor Positive</p> <p>[Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]</p>
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	<p>Minor Positive</p> <p>[All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]</p>
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	<p>No Impact</p> <p>[All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]</p>
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>
	Discussion and Assumptions:	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	No Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: Archaeological evaluation required - Roman settlement/road of local/regional importance	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Uncertain</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Uncertain</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative where feature is designated]
Discussion and Assumptions: The site is not particularly sensitive regarding biodiversity. Fruit fields, however, are often an important habitat, particularly for insects and this will need further investigation. A bank topped with hedge/shrub vegetation on the boundary.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	Minor Negative [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 1	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA102: Land at Drill Lane, Ickham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	No Impact [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: There is a known flooding issue associated with the Little Stour at Drill Lane	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Uncertain [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is just within 1km of the SLA. The site is adjacent to the Ickham Conservation Area.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	<p>6.1 Will it avoid damage to and enhance species and habitats?</p>	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	<p>6.2 Will it minimise habitat fragmentation?</p>	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	<p>6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?</p>	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	<p>6.4 Will it ensure the sustainable management of natural habitats?</p>	<p><i>Not applicable</i></p>
	<p>6.5 Will it avoid damage to and protect geologically important sites?</p>	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions:		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions: The site is just outside the area of flood risk	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions: The site is just outside the area of flood risk.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 1. The site is in a radon affected area.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	efficiency in water use?	
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA103: Land at Bossington Road, Adisham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Discussion and Assumptions:</p>		
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: The site is close to a primary school. The site a short distance from Adisham bus stop, but buses are infrequent. There is also a regular, hourly, train service. [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The western and southern boundaries of the site are within the Adisham Conservation Area. The site is within the Special Landscape Area, which is associated with the AONB.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: There are trees at the boundary which may have biodiversity benefits.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 2.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA104: Land at the paddocks, School Lane, Bekesbourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Discussion and Assumptions:</p>		
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: Bus services are infrequent and the is a regular, hourly, train service. [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is within 1 km of the Special Landscape Area, and the AONB. AHLV to the west. The is located within the Bekesbourne Conservation Area.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: There is a hedgerow on the eastern boundary which may have biodiversity benefits.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions: The site is adjacent to an area at risk of flooding.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
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	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 1.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL

SHLAA122: Littlebourne Primary School, Church Road, Littlebourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Uncertain [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	<p>Discussion and Assumptions: The site itself is an open space available for use by the school. It is just within 1km of a protected landscape. Littlebourne is a Roman settlement and the site adjoins the Conservation Area.</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Uncertain</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Uncertain</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: Hedgerows and trees associated with the site may have biodiversity value.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Non-agricultural.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	efficiency in water use?	
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA126: Land adj to Sunnysdene, The Street, Petham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	No Impact [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> • Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road • Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	No Impact [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Uncertain [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is within the Kent Downs AONB. The site is also with the Petham Conservation Area and there are listed buildings close by. Virginia Cottage (a Grade 2 Listed Building) is situated adjacent to the entrance to the site.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		recognised geological features. Impacts will be significantly negative where feature is designated]
Discussion and Assumptions: The site is overgrown with trees and scrub		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 3 / non-agricultural (wooded).	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	efficiency in water use?	
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA139: Land at Bourne Park Road, Brewery Lane, Bridge

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Take account of existing uses and loss of employment	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	Minor Negative [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: The Nailbourne runs the west of the site	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	No Impact [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within the AONB. It is also within the Bridge Conservation Area and form part of the setting of two listed buildings. The site is used informally as an open space.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: There is significant boundary tree cover on the site.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Significant Negative Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions: A significant proportion of the site is at risk of flooding	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Significant Negative Impact [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions: A significant proportion of the site is at risk of flooding	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, 	9.1 Will it improve social and environmental	No Impact

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	conditions in the most deprived areas?	[No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	

10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living

<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 3.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA140: Land East of Rattington Street, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	Significant Negative Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	<p>Discussion and Assumptions: Watercourse runs on the northern boundary of the site. Density suggested likely to give scope to reduce impact.</p>	
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Positive [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Minor Positive [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Uncertain [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located close to the boundary of the SLA and AONB. It is adjacent to the Chartham Conservation Area. Archaeological evaluation is required - prehistoric occupation, burial.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: Grassland, trees on the boundary of the site and long boundary to river.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Uncertain [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
Discussion and Assumptions: The area of flood risk associated with the watercourse affects the northernmost boundary of the site. EA flood map shows a slight risk of flooding to the river/stream bank however this is probably the high water mark for river/stream"		
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
Discussion and Assumptions: The area of flood risk associated with the watercourse affects the northernmost boundary of the site. EA flood map shows a slight risk of flooding to the river/stream bank however this is probably the high water mark for river/stream"		

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Minor Positive [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions: Just within 5km from town centre		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 3	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA144: Land at Bossingham Road, Bossingham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	No Impact [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Take account of existing uses and loss of employment	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within the AONB and is located within the Bossingham Conservation Area.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>No Impact</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>No Impact</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 3	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA164: Land at The Elders, Littlebourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Take account of existing uses and loss of employment	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions: This score assumes 5 units or above.	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	No Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	No Impact [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is currently used locally as an open play space.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Uncertain</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Uncertain</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: This is an overgrown site with a small number of trees - potential for protected species	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions: This score assumes 5 units.	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Non-agricultural	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	the character of the countryside?	
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA168: Bigberry Farm, Bigberry Road, Chartham Hatch

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	Minor Negative [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	Minor Negative [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: These scores assume loss of the commercial and equine activities. Take account of existing uses and loss of employment	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> • Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road • Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is within the AHLV and the SLA to the west. Archaeological assessment required.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	Significant Negative Impact [No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']
	6.2 Will it minimise habitat fragmentation?	Significant Negative Impact No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	Uncertain [Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	No Impact [No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: A sensitive site for biodiversity. The site is within the LWS, highly likely to contain protected species, a large proportion of the site is ancient woodland, protected by TPO.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, 	9.1 Will it improve social and environmental	No Impact

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	conditions in the most deprived areas?	[No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	Minor Negative [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	

10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living

<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	Minor Positive [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural land classification: Non-agricultural. Possible contamination associated with past use as Bigbury Gravel Extraction.	
	15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources	
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA169: List Footpath and Court Hill, Littlebourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> • The Cathedral, St Augustine’s Abbey and St Martin’s Church are UNESCO World Heritage site. • In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. • There are 19 heritage assets at risk in the Canterbury district on the City Council’s 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). • In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	No Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: There are trees on some of the site boundaries with woodland to the NW.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural land classification: Grade 1	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA170: Lawson Close, Bakers Lane, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Positive [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Positive [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	No Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located close to the boundary of the SLA and AONB.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: This is a sensitive site with significant trees and hedgerows along site boundaries.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Minor Positive [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: This site is Grade 3 agricultural land	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA171: Land adj to Cranmer Close and Aspinall Close, Bekesbourne

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> • Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road • Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Negative [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Negative [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Uncertain [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within the AHLV and within 1km of the Special Landscape Area and AONB. The Bekesbourne Conservation Area is a short distance to the south west.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: This is a sensitive site of rough grassland/scrub surrounded by trees.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	No Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions: Just within 5km of the city centre.		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: This site is Grade 1 agricultural land	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA185: Land at Bakers Lane, Chartham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Discussion and Assumptions:</p>		
<p>4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport</p>		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	<p>4.1 Will it reduce travel demand?</p>	<p>Minor Positive [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.2 Will it improve transport of goods/people by more sustainable means?</p>	<p><i>Uncertain</i></p>
	<p>4.3 Will it encourage walking, cycling and use of public transport?</p>	<p>Minor Positive [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]</p>
	<p>4.4 Will it help to reduce traffic congestion and improve road safety?</p>	<p><i>Uncertain</i></p>
	<p>4.5 Will it reduce the need to travel?</p>	<p><i>Uncertain</i></p>
	<p>Discussion and Assumptions: The GP surgery is just beyond 800m of the site [Make a particular reference to any particular known transport improvements, such as bus links.]</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Minor Negative [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Uncertain [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located close to the boundary of the SLA and AONB, just south of the village. The site is close to the Chartham Conservation Area. The site is used informally by the village as open space.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<p><i>Not applicable</i></p>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative where feature is designated]
Discussion and Assumptions:		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Minor Positive [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: This site is Grade 3 agricultural land	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA186: Land at Brickfield Farm, Mill Lane, Bridge

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	No Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: The River Nailbourne lies east of the site	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is located within SLA and AONB. It is also within the Bourne Park Conservation Area.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	<p>No Impact</p> <p>[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]</p>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Tall trees and hedges will have biodiversity benefits. Potential for protected species across the site.	
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	No Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions:	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Uncertain [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions:	
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Wincheap have LSOAS in the 20% most deprived in England</p> <ul style="list-style-type: none"> 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 		located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	Uncertain
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
	Discussion and Assumptions:	
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively. Life expectancy for females in 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>
	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4).</p> <ul style="list-style-type: none"> The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: This site is Grade 2 agricultural land. Possible contamination associated with the previous use of the adjacent site.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
Discussion and Assumptions:		
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA201: Land west of A2, Bridge

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: loss of employment	Take account of existing uses and
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	Significant Negative Impact [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: The Nailbourne lies on the south east boundary of the site	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Significant Positive Impact [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Significant Positive Impact [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	Discussion and Assumptions: The site is within the Kent Downs AONB and associated SLA. It is within the Bifrons Park Conservation Area. The site is adjacent to a recreation ground.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). Two National Nature Reserves (Blean Woods and Stodmarsh). 15 Sites of Special Scientific Interest (SSSI). 10 Local Nature Reserves (LNR) 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	Minor Negative [No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].
	6.2 Will it minimise habitat fragmentation?	Minor Negative No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	Uncertain [Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically important sites?	No Impact [No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		designated]
Discussion and Assumptions: There is a possibility of protected species on the periphery of the site. There are also groups and lines of trees within the site.		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Significant Negative Impact [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions: Part of the site to the south-eastern end in located in flood zone 2 and 3.	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Significant Negative Impact [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions: Part of the site to the south-eastern end in located in flood zone 2 and 3.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Significant Positive Impact [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Minor Negative [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Agricultural Land Classification: Grade 1	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions:

SUSTAINABILITY APPRAISAL
SHLAA211: Barham Court Farm, Church Lane, Barham

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
1. Economy and Employment To achieve a strong and stable economy which offers rewarding and well located employment opportunities to everyone		
<ul style="list-style-type: none"> • The economic performance of Canterbury is below the England and Wales average and notably below the South East. • 73.9% of people of working age within Canterbury district were economically active (2011) • Service sector is the largest employer in Canterbury (88%) with public sector and tourism related employers contributing the greatest proportion of jobs (40.3% and 8.9% respectively). • In 2011 median gross weekly earnings for employees in Canterbury District was almost £361.00, which is lower than average county, regional and national levels (£382.10, £422.00 and £405.70 respectively) 	1.1 Will it improve efficiency, competitiveness, vitality and adaptability of the local economy?	<i>uncertain</i>
	1.2 Will it encourage investment in businesses, people and infrastructure for the long term?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive.]
	1.3 Will it increase the number of businesses in the District?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.4 Will it help diversify the economy?	<i>Uncertain</i>
	1.5 Will it lead to an increase in the local skill base through recruitment from Canterbury's Higher education establishments?	<i>Uncertain</i>
	1.6 Will it help to foster growth in the knowledge based economy?	<i>Uncertain</i>
	1.7 Will it promote sustainable tourism?	<i>Uncertain</i>
	1.8 Will it help meet the employment needs of local people?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. A significant positive score assumes employment land will be delivered alongside the development, some of which will attract new business. Score loss of employment land as a negative score]
	1.9 Will it improve physical access to jobs through improved location of sites and proximity to transport links?	Minor Positive [Minor positive if the site is within 30mins public transport time of an employment site. Significant positive score for sites >400 units]

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Take account of existing uses and loss of employment	
2. Rural/Coastal Communities To sustain vibrant rural and coastal communities		
N/A	2.1 Will it assist with the diversification of the rural/coastal economy?	<i>Uncertain</i>
	2.2 Will it support and encourage the growth of rural/coastal businesses?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a positive minor effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.3 Will it help retain village/coastal services by stimulating demand?	Minor Positive [Proposed sites in Herne Bay, Whitstable and rural locations should be assumed to have a minor positive effect. Significantly positive if site > 400 units. Sites in Canterbury will be scored as uncertain]
	2.4 Will it assist in the provision of affordable houses in rural/coastal areas?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	Discussion and Assumptions:	
3. Water Quality To protect and improve the quality of inland and coastal waters		
<ul style="list-style-type: none"> North Kent and Swale CAMS area is one of the most intensively licensed areas for water abstraction and it is one of the driest areas in the UK with 665mm per year Stour CAMS area covers much of inland Canterbury district. Extreme low flow and flood events recorded in recent years. Area vulnerable to the effects of drought or changes in rainfall patterns. 	3.1 Will it minimise the adverse effects on ground and/or surface water quality?	Uncertain [All sites within 10m of surface water body assumed to be significantly negative. Sites between 10 and 25m of key drainage channels (such as coastal brooks) and rivers, lakes and ponds score minor negative. If it is a large site where there is obvious scope to avoid water bodies, also score a minor negative. Sites > 25m score no impact]
	3.2 Will it avoid adverse impacts on coastal waters, fisheries and bathing waters?	<i>Not applicable</i>
	3.3 Will it protect and improve ground and surface water quality?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	Discussion and Assumptions: Concept drawings indicate there will be no development in proximity to the Nailbourne.	
4. Transport Reduce road traffic and its impacts, promoting more sustainable modes of transport		
<ul style="list-style-type: none"> Highway network is under acute pressure and as a result, Canterbury suffers from significant peak hour congestion with congestion hot spots particularly along the A28 and the ring-road Large net inflow of commuters into the area as well as an influx of secondary school children and students in higher education (160,000 vehicles per day travel to and from Canterbury along the nine "A" and "B" roads that converge on the city) 	4.1 Will it reduce travel demand?	Minor Positive [Sites located within 800m walking distant of a convenience store, GP and primary school to score significant positive. If site is within 800m of 2 of 3 services provided score minor positive. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.2 Will it improve transport of goods/people by more sustainable means?	<i>Uncertain</i>
	4.3 Will it encourage walking, cycling and use of public transport?	Minor Positive [Sites located within 800m of a bus route or train station (2 services per hour min) and within 800m walking distant of a convenience store, GP and primary school score positive. If site is within 800m of 2 of 3 services score minor positive. Score negative if the site is beyond 800m of the public transport provision even if within walking distance of the other local services. Sites beyond 800m walking distance of these services score as negative. If site beyond this distance and > 100 units score as significantly negative]
	4.4 Will it help to reduce traffic congestion and improve road safety?	<i>Uncertain</i>
	4.5 Will it reduce the need to travel?	<i>Uncertain</i>
	Discussion and Assumptions: [Make a particular reference to any particular known transport improvements, such as bus links.]	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
5. Countryside and Historic Environment To protect and improve landscapes for both people and wildlife and to protect and maintain vulnerable assets (including built and historic)		
<ul style="list-style-type: none"> The Cathedral, St Augustine's Abbey and St Martin's Church are UNESCO World Heritage site. In 2011, there were 2,896 statutory listed buildings, 798 locally important buildings, 94 conservation areas, 53 Scheduled Ancient Monuments and 2 historic parks or gardens in the Canterbury district. There are 19 heritage assets at risk in the Canterbury district on the City Council's 2010 Heritage at Risk Register. Of these, two from a total of 185, (1.08%), are grade 1, or grade II* listed buildings. There are 5 scheduled monuments at risk from a total of 53 (9.4%). In addition, there are a further 32 gardens on the Kent Gardens Trust/Kent County Council compendium. 	5.1 Will it improve access to the countryside and open space?	<i>Uncertain</i>
	5.2 Will it avoid adverse impacts and enhance designated and non-designated landscape features?	Significant Negative Impact [No impact for sites located > 1km from designated landscape. For sites <1km or where there are significant non-designated landscape features, score minor negative. For sites located in or including designated landscape features, score as significant negative]
	5.3 Will it protect and enhance Green Infrastructure throughout the district?	Minor Negative [PDL sites will be positive and greenfield sites will be negative. Site will be significantly positive or negative if > 100 dwellings]
	5.4 Will it improve access to urban open space?	No Impact [Score positive if the proposed site is within 400m of open space* (+2 hectares in size). Score significant if site > 100 units or if open space or significant links to be provided on site. Score negative if open space is removed. NB *open space includes designated urban open space and publicly accessible / managed sites adjacent to the urban edge]
	5.5 Will it help to protect and enhance sites, areas and features of historic, cultural archaeological and architectural interest?	Uncertain [No impact unless site includes cultural heritage features. Impacts will be significantly negative where feature is designated. Score uncertain if evaluation requested]
	5.6 Will it help to conserve historic buildings, places and spaces that enhance local distinctiveness, character and appearance through sensitive adaptation and re-use?	Significant Negative Impact [No impact unless site includes historic features. Impacts will be significantly negative where feature is designated. Score uncertain if designated features on an adjacent site]
	5.7 Will it improve and promote access to buildings and landscapes of historic/cultural value?	<i>Uncertain</i>
	<p>Discussion and Assumptions: The site is located within the AONB. It is also within the Barham Conservation Area. Barham Court Farm Barn is Grade 2 Listed and adjoins other listed and locally listed buildings. Roman settlement in this area of local/regional importance. The proposal indicates land for recreation and allotments.</p> <p>Most of the site is in agricultural use and a substantial proportion undeveloped.</p>	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
6. Geology and Biodiversity To avoid damage to geological sites and improve biodiversity		
<ul style="list-style-type: none"> • Regionally Important Geological Site (RIGS) includes; Chislet Colliery; Long Rock at Tankerton; Brambling Quarry; Coopers Pit; and Chartham Hatch Pit • Three Ramsar sites (Thanet Coasts and Sandwich Bay, The Swale and Stodmarsh), all of which are also Special Protection Areas (S PA). • Two Special Areas for Conservation (SAC) (Blean Complex and Stodmarsh). • Two National Nature Reserves (Blean Woods and Stodmarsh). • 15 Sites of Special Scientific Interest (SSSI). • 10 Local Nature Reserves (LNR) • 49 Local Wildlife Sites 	6.1 Will it avoid damage to and enhance species and habitats?	<p>Minor Negative</p> <p>[No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species has a national designation. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of nationally designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative'].</p>
	6.2 Will it minimise habitat fragmentation?	<p>Minor Negative</p> <p>No impact unless site includes /or is adjacent to recognised biodiversity features. Impacts will be significantly negative where habitat or species is designated. If habitat improvements or mitigation proposed, score as significant impact/minor impact. If site is within 250m of designated site score as significant impact/minor negative impact. If proposed site includes or is adjacent to local designated sites, score minor negative. If it is advised that there is 'likely' to be protected species on the site score 'minor negative']</p>
	6.3 Will it provide opportunities for new habitat creation or restoration and link existing habitats as part of the development process?	<p>Uncertain</p> <p>[Score as uncertain unless there are specific proposals for habitat creation or enhancement, where it is scored minor positive]</p>
	6.4 Will it ensure the sustainable management of natural habitats?	<i>Not applicable</i>
	6.5 Will it avoid damage to and protect geologically	No Impact

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	important sites?	[No impact unless site includes recognised geological features. Impacts will be significantly negative where feature is designated]
Discussion and Assumptions:		
7. Climate Change, Energy and Air Quality To reduce the causes and impacts of climate change, improve air quality and promote energy efficiency		
<ul style="list-style-type: none"> Climate change poses a threat both in terms of flooding and drought to Canterbury. Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. Water resources in the area are also likely to be placed under stress as overall rainfall in the region decreases One Air Quality management Area (AQMA) declared - AQMA2 Canterbury City Centre in respect of exceedences of the annual mean nitrogen dioxide (NO2) air quality objective (AQO). Includes the main road around Canterbury city centre and various roads feeding into it including parts of the A28, A2050 and A290. The earlier AQMA (AQMA1 Broad Street/Military Road) declared in 2006 is incorporated within AQMA 2. Average domestic consumption of 4,227 KWh compared to an average domestic consumption within the South East of 4,725 KWh. 	7.1 Will it reduce vulnerability to climate change?	Minor Negative [Score negative if proposed site lies within a flood risk area as defined by the Environment Agency. Significant if flood zone 3]
	7.2 Will it reduce or minimise greenhouse gas emissions?	<i>Uncertain</i>
	7.3 Will it maintain and improve local air quality?	<i>Uncertain</i>
	7.4 Will it minimise the need for energy?	<i>Uncertain</i>
	7.5 Will it increase efficiency in the use of energy?	<i>Uncertain</i>
	7.6 Will it help to increase the share of energy generated from renewable sources?	Uncertain [Score as uncertain unless proposed site is size where number of units >750 assuming dwelling density of 30 dph and could support CHP and then score as positive]
	Discussion and Assumptions: Concept drawings indicate there will be no development in proximity to the Nailbourne.	
8. Flood Risk and Coastal Erosion To reduce the risk of flooding and coastal erosion which would be detrimental to the public well-being, the economy and the environment		
<ul style="list-style-type: none"> Particular concern is the increased frequency and severity of coastal flood events. EA propose 'Hold the Line' for most coastline; however, between Reculver and Minnis Bay a 'managed realignment' strategy has been recommended by the EA. Inland sections of the district which are at risk of flooding particularly areas around the River Stour, including the section which runs through Canterbury itself. 	8.1 Will it help to minimise the risk of flooding to existing and new developments/infrastructure?	Minor Negative [Score as uncertain unless site included in Flood Risk Area when score as negative. Significant if flood zone 3]
	8.2 Will it help to discourage inappropriate development in areas at risk from flooding and coastal erosion?	<i>Not applicable</i>
	8.3 Will it help to manage and reduce the risks associated with coastal erosion?	<i>Not applicable</i>
	8.4 Will it reduce vulnerability to flooding and coastal erosion?	<i>Uncertain</i>
	Discussion and Assumptions: Concept drawings indicate there will be no development in proximity to the Nailbourne.	

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
9. Access to Services Share access to services and benefits of prosperity fairly and improve wellbeing of everyone		
<ul style="list-style-type: none"> Seasalter, Greenhill and Eddington, Gorrell, Heron, Northgate, Barton and Wincheap have LSOAS in the 20% most deprived in England 37 primary schools, seventeen secondary schools, two pupil referral units and two special schools 5,665 secondary places for years 7-11 will be required by 2012 and 5,078 places by 2017, allowing for 5% surplus capacity within secondary schools over the district as a whole. These figures suggest a need to remove 275 secondary places for years 7-11 by 2012 and 862 places by 2017 Canterbury is a net importer of secondary students (from neighbouring districts). Some schools such as Herne Bay high school over subscribed and others currently undersubscribed. Approximately 700 pupils attend grammar schools in Faversham, Canterbury and Thanet. Canterbury Christ Church University main campus is based in Canterbury, in addition the University of Kent and the University of Creative Arts both have campuses in Canterbury. 26.6% of the population have NVQ level 4 or above. This is lower than for the South East (33.9%) and Great Britain as a whole (31.3%). percentage of the population with no qualifications at all is 7.2% of the working age population which is lower than as the South East (8.5%) and Great Britain as a whole (11.3%). 	9.1 Will it improve social and environmental conditions in the most deprived areas?	No Impact [No impact unless proposed site located in identified disadvantaged ward. Significant if site > 100 units]
	9.2 Will it increase economic activity?	No Impact [Housing and employment land sites could have a positive effect. Where site equivalent to less than 100 units score as no impact, 100 - 400 minor positive, >400 significant positive. Score loss of employment land as a negative score]
	9.3 Will it improve access to skills and training for raising employment potential?	<i>Uncertain</i>
	9.4 Will it help to provide more equal access to opportunities, services and facilities (e.g. sport, culture, health, education, open space etc.)?	Minor Positive [Score significant positive if proposed site is within 800m walking distance of primary school, convenience store and GP surgery. If site is within 800m of 2 of 3 services score minor positive. No negative scores]
	Discussion and Assumptions:	
10. Sustainable Living and Revitalisation To revitalise town and rural centres and to promote sustainable living		
<ul style="list-style-type: none"> The closest A&E services are in Margate and Ashford. Kent and Canterbury Hospital does not have Accident and Emergency services. Newly opened minor injury unit at Estuary View Medical Centre in Seasalter, Whitstable. 	10.1 Will it improve townscapes/rural centres and physical assets?	<i>Uncertain</i>
	10.2 Will it encourage more people to live in town centres?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive Sites on urban fringe, out of town or isolated greenfield to score negative. Significant when site > 400 units or when distance >5km from town centre]
	10.3 Will location encourage increased use of shops or services within town centre?	Significant Negative Impact [Sites located within town centre will score significantly positive. Sites in the wider urban areas score minor positive. Sites on urban fringe, out of town or isolated greenfield to score

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
		negative. Significant when site > 400 units or when distance >5km from town centre]
	10.4 Will it promote responsible tourism which is both ecologically and culturally sensitive?	<i>Not applicable</i>
	10.5 Will it improve physical access to services, such as a GP, a hospital, schools, areas of employment and retail centres?	<i>Uncertain</i>
Discussion and Assumptions:		
11. High Quality Design and Sustainability To encourage sustainable design and practice		
Material assets, Landscape, Cultural heritage	11.1 Will it use architectural design to enhance the local distinctiveness of development?	<i>Uncertain</i>
	11.2 Will it improve the quality of the built environment through high standards of sustainable design and construction of new and existing buildings?	<i>Uncertain</i>
	11.3 Will it affect light and noise pollution?	<i>Uncertain</i>
	Discussion and Assumptions:	
12. Housing To make suitable housing available and affordable to everyone		
<ul style="list-style-type: none"> Canterbury had a population of 149,100 (2009) 64,070 units (April 2010) Average annual housing completion figure since 06/07 is 798 units 	12.1 Will it encourage more access to affordable housing?	Minor Positive [All sites of 15 units or over or ½ hectare or over and sites of 5 units or over in rural areas score as minor positive. All sites in rural/coastal locations less than this score as no impact. Sites above 100 units score as significant]
	12.2 Will it encourage access to decent housing?	Minor Positive [Sites between 0 – 100 units minor positive. Sites above 100 units score as significant positive]
	12.3 Will it provide an appropriate mix of housing to meet residents' needs and aspiration and create balanced communities?	<i>Uncertain</i>
	12.4 Will it reduce the number of unfit and empty homes?	<i>Not applicable</i>
	12.5 Will it reduce the number of empty homes?	<i>Not applicable</i>
	12.6 Will it reduce the level of homelessness in the District?	<i>Uncertain</i>
	Discussion and Assumptions:	
13. Quality of Life To improve the quality of life for those living and working in the District		
<ul style="list-style-type: none"> For 2010/11, the number of notifiable offences in Canterbury recorded by the police for violence against a person 	13.1 Will it reduce actual levels of crime?	<i>Uncertain</i>
	13.2 Will it reduce the fear of crime?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
<p>was 1,572. For robbery offences and theft of a motor vehicle, the number recorded was 92 and 165 respectively.</p> <ul style="list-style-type: none"> Life expectancy for females in Canterbury district at birth was 82.4 years, less than for the South East (83.3). Life expectancy at birth was 78.5 years which was also marginally lower than the South East (79.4). The 2001 census data reports that of the 135,278 people in Canterbury 67.5% described themselves as being in good health, 23.5% in fairly good health and 9% in not good health. 	13.3 Will it reduce death rates and negative health impacts in key vulnerable groups?	<i>Uncertain</i>
	13.4 Will it promote healthy lifestyles?	<i>Uncertain</i>
	13.5 Will it improve peoples' perception of their local area being a place where people from different ethnic backgrounds get on well together?	<i>Uncertain</i>
	13.6 Will it promote sport and physical activity?	<i>Uncertain</i>
	Discussion and Assumptions:	
14. Use of Land To deliver more sustainable use of land in more sustainable location patterns		
Soil, Material Assets, Landscape	14.1 Will it promote the wise use of land (minimise development on greenfield land)?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.2 Will it reduce the amount of derelict, degraded and underused land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.3 Will it reduce land contamination?	Minor Negative [PDL sites to score positive. Where site exceeds 100 units, score significant. Greenfield sites to score minor negative]
	14.4 Will it promote the use of previously developed land?	Minor Negative [PDL sites to score positive. Greenfield sites to score negative. Where site exceeds 100 units, score significant]
	14.5 Will it encourage urban renaissance?	No Impact [Small urban sites < 400 units score as a minor positive impact. Large urban sites (> 400 units, score as significant positive impact. All other sites score as no impact]
	Discussion and Assumptions: Most of the buildings on the site are related to agriculture. Agricultural Land Classification: Grade 3, some of the site is developed with a yard and farm buildings.	
15. Natural Resources To ensure the prudent use of natural resources and the sustainable management of existing resources		
Material Assets, Soil	15.1 Will it minimise the demand for raw materials?	<i>Uncertain</i>
	15.2 Will it promote the use of local resources?	<i>Uncertain</i>
	15.3 Will it reduce minerals extracted and imported?	<i>Uncertain</i>
	15.4 Will it increase efficiency in the use of raw materials and promote recycling?	<i>Uncertain</i>

Sustainability Objectives and Baseline Information	Key questions/guidance	Sustainability Impacts
	15.5 Will it minimise the use of water and increase efficiency in water use?	<i>Uncertain</i>
	15.6 Will it protect water resources?	<i>Uncertain</i>
	15.7 Will it encourage farming practices sensitive to the character of the countryside?	<i>Not applicable</i>
	Discussion and Assumptions:	
16. Waste To reduce generation and disposal of waste, and achieve sustainable management of waste		
<ul style="list-style-type: none"> In 2009/10 Canterbury produced 61,726 tonnes of municipal waste and 55,834 of household waste. In 2009/10 residents produced 479kg of household waste per household, 45.3% of which was recycled, reused or composted. Total of 63 recycling sites across Canterbury district. Of these 27 are in Canterbury, 16 in Whitstable, 8 in Herne Bay with the remaining 12 in the villages around the district. KCC operates two household waste recycling centres within Canterbury district; the Canterbury Recycling Centre and the Herne Bay Household Waste Recycling Centre. 	16.1 Will it reduce the amount of waste generated?	<i>Uncertain</i>
	16.2 Will it encourage the recycling of waste?	<i>Uncertain</i>
	16.3 Will it increase the demand for recycled materials?	<i>Uncertain</i>
	16.4 Will it ensure the management of wastes consistent with the waste management hierarchy?	<i>Uncertain</i>
	Discussion and Assumptions:	

OVERALL COMMENTS.
Discussion and Assumptions: