KNOWSLEY METRPOLITAN BOROUGH COUNCIL CORE STRATEGY PREFERRED OPTIONS

SUSTAINABILITY APPRAISAL APPENDICES REPORT

May 2011





A1 .	SUSTAINABILITY APPRAISAL OF THE PREFERRED SPATIAL STRATEGY

CS1: Spatial Strategy for I	Knowsle	У									
		Timescale	;			Nature of Eff	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social deprivation and secure	0	+	+	Low	Borough wide	Long term	Improved quality of life.				
economic inclusion.	neighbourh existing ho of improvir	I Developme nood manage using stock. ng the overall r Output Are	ement initiati It is therefor I Index of Mu	ves, improvement e envisaged that ultiple Deprivation	ts to public real the proposed S rating of the Bo	m, and appropriate spatial Strategy has orough; reducing the	ods, particularly in areas with higher lever investment in service provision (such as the potential to have a positive impact o e proportion of children living in poverty; we impact on the objective will take some	s schooling and health) and the n this objective and its sub-objectives and reducing the percentage of lower			
S2. To improve local accessibility of goods, services	+	+	+	Medium	Borough wide	Long term	Improved quality of life.				
and amenities and reduce community severance.	Comments: Maintaining and enhancing the Borough's town and district centres is listed as a Spatial Development Priority. In addition, the Spatial Strategy seeks to regenerate existing residential neighbourhoods through, amongst other things, appropriate investment in services and facilities. The Spatial Strategy also seeks to maintain and enhance networks for passenger transportation which should have a positive impact on access to goods and services. It is therefore considered that the proposed Spatial Strategy has the potential to have a positive impact on the objective and its sub-objective of improving community facilities. This positive impact on the objective will take some time to occur as the Plan's proposals take effect.										
S3. To improve safety and	0	0	0	Medium	N/A	N/A					
reduce crime, disorder and fear of crime.	Comments Unlikely to	<u>:</u> have any siç	gnificant effe	cts.							
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments: Unlikely to have any significant effects.										
S5. To improve health and reduce health inequalities.	0	+	+	Medium	Borough wide	Long term	Improved quality of life.				

CS1: Spatial Strategy for I	Knowsle	у									
		Timescale									
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
	other thing impact on	īl Developme s, appropriat	e investmen	t in health service r take some time	provision. The to occur as the	Spatial Strategy the Plan's proposals ta	ods, particularly in areas with higher leve erefore has the potential to have a posit ke effect.				
S6. To provide good quality, affordable and resource efficient	+	+	+	Medium	Borough wide	Long term					
housing.	identifies a market sec to have so	sley Strategion need for afforter and afforter and afforter positive in	ordable hous dable housir mpact on the	sing in the Boroug ng with supportive	h. The Spatial e services and f associated sul	Development Priorit acilities appropriate	forough has higher than average levels of ies include re-balancing the housing sto to needs. It is therefore considered that iding a wider choice of accommodation to	ock by providing a wide choice of new the Spatial Strategy has the potential			
S7. To improve educational attainment, training and	0	+	+	Medium	Borough wide	Long term	Improved quality of life.				
opportunities for lifelong learning and employability.	Comments: The Spatial Development Priorities seek to regenerate existing residential neighbourhoods, particularly in areas with higher levels of deprivation, through, amongst other things, appropriate investment in service provision, such as schooling. The Spatial Strategy therefore has the potential to have a positive impact on this objective and its sub-objectives. This positive impact on the objective will take some time to occur as the Plan's proposals take effect.										
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas,	?	?	?	Low	Borough wide	Long term	Secondary impacts on perceptions of the area.	Consider including the managing and enhancing of Knowsley's heritage assets as a Spatial Development Priority.			
sites and features.	investment	focus of dev	sets. Howeve	er, conversely, the	e increased dev	elopment pressure	Town Centre which is designated as a c in these areas could have a detrimental objective is considered to be uncertain	impact on the character and setting of			
Environment E1. To protect, enhance and manage the local character and	+	+	+	Low	Borough wide	Long term		Landscaping of new developments and improve links to countryside			

CS1: Spatial Strategy for I	Knowsle	у											
		Timescale)			Nature of Ef	fect						
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation					
accessibility of the landscape and countryside across Knowsley.	envisaged Spatial Stra	al Developme that the Spa	tial Strategy es the review	has the potential of Green Belt bo	to have a posit undaries which	ive impact on the ob may lead to the los	tructure network and areas of environm ojective. Nevertheless, the certainty of the s of accessible areas of countryside an	nis impact is reduced by the fact the					
E2. To protect, enhance and manage biodiversity, the viability	+	+	+	Medium	Borough wide	Long term	Improved perceptions of the Borough.						
of protected and endangered species, habitats, geodiversity and sites of geological importance.	The Spatia												
E3. To adapt to climate change including flood risk.	+	+	+	Medium	Borough wide	Long term							
	Comments: The maintenance and enhancement of a green infrastructure network should help to mitigate the higher summer temperatures that are expected as a result of climate change and also reduce rates of surface water run-off. It is therefore envisaged that the Spatial Strategy would have a positive impact on the objective and its sub-objective of reducing flood risk.												
E4. To mitigate climate change including using energy prudently and efficiently and increasing energy generated from renewable sources.	+	+	+	Low	Borough wide	Long term	Reduced incidence of fuel poverty.	Secure improvements to the public transport network and ensure that any new development built within the Green Belt is accessible by a choice of means of transport.					
	reduce car through, ar therefore c Neverthele dispersed acknowled	I Strategy se bon emission mongst other considered th ess, the certa pattern of de ged that the	ns associate things, apporant the Spatia inty of this in velopment the Council's Sta	d with transport. I ropriate investmen al Strategy may ha npact is reduced I nat would be deliv rategic Housing L	n addition, the shift in the existing ave some position that that ered could lead and Availability	Spatial Developmer g housing stock whi ive impact on this ol the Spatial Strategy d to increasing car of	t transportation, prioritising the use of some Priorities include the regeneration of each may include measures to improve the bjective and its sub-objective of reducing may lead to some development in the dependence. For this reason the level of AA) and Employment Land and Premise Belt land.	existing residential neighbourhoods e energy efficiency of this housing. It is g carbon dioxide emissions. Green Belt and the resultant more certainty is low. It is however					

CS1: Spatial Strategy for I	Knowsle	У							
		Timescale)			Nature of Eff	fect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
E5. To provide, conserve, maintain and enhance green infrastructure.	+	+	+	Low	Borough wide	Long term		Ensure that the choice of sites to be taken out of the Green Belt does not detract from the provision of green infrastructure.	
	Comments: The Spatial Development Priorities include maintaining and enhancing the green infrastructure network and areas of environmental importance. It is therefore envisaged that the Spatial Strategy has the potential to have a positive impact on the objective and its sub-objectives. The certainty of this impact is however reduce by the fact the Spatial Strategy involves the review of Green Belt boundaries which may have some impact on the green infrastructure network.								
E6. To protect, manage and restore land and soil quality.	+	+	+	Low	Borough wide	Long term	Improved perceptions of the Borough.	New development built to an appropriate density to minimise loss of countryside	
	Comments: The Spatial Strategy states that the development of Knowsley will be characterised by an efficient and sustainable use of land. The Spatial Strategy also contain focus on regenerating existing areas, which may lead to the redevelopment of existing derelict, underused and potentially contaminated sites. Nevertheless, the Spatial Strategy also involves the review of the Green Belt boundary and could therefore result in a number of greenfield sites being lost to development. As a rethe Spatial Strategy would have an uncertain impact on the objective and its sub-objectives of reducing the amount of derelict land; directing new housing to previously developed land; and reducing the amount of contaminated land. For this reason the level of certainty is low. It is however acknowledged that the Courstrategic Housing Land Availability Assessment (SHLAA) and Employment Land and Premises Study have demonstrated that Knowsley may be unable to meet development needs without releasing some Green Belt land.							aminated sites. Nevertheless, the being lost to development. As a result, and; directing new housing to be ever acknowledged that the Council's	
E7. To protect, improve and where necessary, restore the quality of inland, and estuarine waters.	O O Medium N/A N/A Comments: Unlikely to have any significant effects.								
E8. To protect, and where necessary, improve local air quality.	+	+	+	Low	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	Secure improvements to the public transport network and ensure that any new development built within the Green Belt is accessible by a choice of means of transport.	

CS1: Spatial Strategy for	Knowsle	V									
		Timescale	•			Nature of Ef	fect				
SA Objective	0-5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
	help protect some position the Green acknowled	omments: The Spatial Strategy seeks to maintain and enhance networks for passenger and freight transportation, prioritising the use of sustainable modes of travel. This couled protect air quality by limiting any growth in traffic-related air emissions. It is therefore considered that the proposed Spatial Strategy has the potential to have ome positive impact on this objective. Nevertheless, the certainty of this impact is reduced by the fact that the Spatial Strategy may also lead to some development the Green Belt and this increasingly dispersed pattern of development that would be delivered could lead to increasing car dependence. It is however cknowledged that the Council's Strategic Housing Land Availability Assessment (SHLAA) and Employment Land and Premises Study have demonstrated that nowsley may be unable to meet its development needs without releasing some Green Belt land.									
E9. To use water and mineral	0	0	0	Medium	N/A	N/A					
resources prudently and	Comments	_									
efficiently.	Unlikely to	have any sig	nificant effe	cts.	_						
E10. To reduce the need to travel and improve choice and use of more sustainable transport mode.	+	+	+	Low	Borough wide	Long term		Secure improvements to the public transport network and ensure that any new development built within the Green Belt is accessible by a choice of means of transport.			
	Comments										
	The Spatia	al Strategy se	eks to maint	ain and enhance	networks for pa	assenger and freigh	t transportation, prioritising the use of	sustainable modes of travel. This could			
	the fact that could lead	have some positive impact on this objective and its sub-objective of encouraging sustainable transport use. Nevertheless, the certainty of this impact is reduced by the fact that the Spatial Strategy may lead to some development in the Green Belt and this increasingly dispersed pattern of development that would be delivered could lead to increasing car dependence. It is however acknowledged that the Council's Strategic Housing Land Availability Assessment (SHLAA) and Employment Land and Premises Study have demonstrated that Knowsley may be unable to meet its development needs without releasing some Green Belt land.									
E11. To minimise the production	0	0	0	Medium	N/A	N/A					
of waste and increase reuse,	Comments	<u>):</u>									
recycling and recovery rates.	Unlikely to have any significant effects.										
Economic											
EC1. To improve the competitiveness and	+	+	+	Medium	Borough wide	Long term	Increased employment opportunities.				

CS1: Spatial Strategy for I		y Timescale				Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	Comments: The proposed Spatial Strategy lists enhancing existing employment areas and providing a range of sites and premises for new employment development as Sp. Development Priorities. It is therefore envisaged that the proposed Spatial Strategy has the potential to have a positive impact on the objective and its sub-objective of increasing the number of local and new businesses and increasing industrial/commercial floorspace.										
EC2. To enhance the vitality and viability of town and local	+	+	+	Low	Local	Long term		Include a reference to maintaining and enhancing the Borough's local centres.			
centres.	Comments: Maintaining and enhancing the Borough's town and district centres is a listed as a Spatial Development Priority. It is therefore envisaged that the proposed Spatial Strategy would have a positive impact on the objective and its sub-objective of increasing the vitality of shopping areas. It is however noted that the Spatial Development Priorities do not make any reference to maintaining and enhancing the Borough's local centres and this reduces the level of certainty that the proposed Spatial Strategy would have a positive impact on the objective.										
EC3. Maintain high and stable levels of employment and reduce	+	+	+	Medium	Borough wide	Long term	Reduced levels of deprivation.				
long-term unemployment.											

CS1: Spatial Strategy for Knowsley												
		Timescale										
SA Objective	0 – 5	5 – 10	10+	Certainty	Scale	Permanence	Secondary, cumulative,	Mitigation				
	years	years	years				synergistic					

The Spatial Strategy for Knowsley would have a largely positive impact on the sustainability objectives. There is however some scope for further improvement to the performance of the Spatial Strategy against the sustainability objectives.

By seeking to regenerate existing residential neighbourhoods and through appropriate investment in services and facilities it is considered that the Spatial Strategy has the potential to have a positive impact on the objectives relating to poverty and social deprivation; improving access to goods, services and amenities; improving health and reducing health inequalities; and improving educational attainment. The emphasis placed upon re-balancing the housing stock by providing a wide choice of new market sector and affordable housing should ensure that the Spatial Strategy has a positive impact on the objective relating to the provision of good quality housing.

By seeking to enhance existing employment areas, provide a range of sites and premises for new employment development and maintaining and enhancing the Borough's town and district centres. It is considered that the Spatial Strategy would have a positive impact on the economic objectives. It is however considered that there would be greater certainty that the Spatial Strategy would have a positive impact on the objective relating to the vitality and viability of the Borough's town and local centres if a reference to maintaining and enhancing the Borough's local centres was included. The Spatial Strategy would also have a positive impact on the objectives relating to landscape; biodiversity; adapting to climate change; mitigating climate change; green infrastructure; land and soil; air quality; and reducing the need to travel. Nevertheless, the level of certainty that the Spatial Strategy would have a positive impact on some of these objectives is only low and a number of mitigation measures are suggested to ensure the Spatial Strategy would have a positive impact on these objectives, including ensuring that any new development built within the Green Belt is accessible by a choice of means of transport and ensuring new development is built to an appropriate density to minimise loss of countryside.

There are no anticipated negative impacts on the sustainability objectives. The impact of the Spatial Strategy on the objective of preserving, enhancing and managing Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features is however considered to be uncertain due to the increased development pressure being placed on the urban area. In order to mitigate this uncertainty it is considered that 'managing and enhancing Knowsley's heritage assets' could be included as a Spatial Development Priority.

		Kev fo	r effects		
++ major positive;	+ minor positive;	0 neutral;	minor negative;	– major negative;	? uncertain

CS2: Development Princip	oles										
		Timescale	•			Nature of Eff	fect				
SA Objective	0-5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Improved quality of life.				
economic inclusion.	the Boroug environme objective a	_ opment princ gh. The deve ntal, education and the sub-c	lopment prin on and healt objectives rel	ciples also seek t h inequalities. It is	o provide oppo s therefore cond g rates of econd	rtunities for positive cluded that the deve	and narrow the gap between the richest lifestyle choices and health improvemer lopment principles have the potential to ng the proportion of children living in pov	nt and seek to reduce economic, have a positive impact on the			
S2. To improve local accessibility of goods, services	+	+	+	Medium	Borough wide	Long term					
and amenities and reduce community severance.	Comments: The development principles seek to encourage new development that reduces the need to travel and enables people to meet their needs locally. It also seeks to ensure that a range of services and facilities are provided, including retail, health, education and leisure. The development principles would thereby have a positive impact on the objective and its sub-objective of improving community facilities.										
S3. To improve safety and reduce crime, disorder and fear of crime.	+	+	+	Low	Borough wide	Long term	Improved quality of life.	Core Strategy Preferred Option CS19 will ensure that all new development is designed to minimise crime, fear of crime and anti-social behaviour.			
	Comments: The development principles do not specifically seek to ensure new development helps reduce crime and fear crime. It is however noted that the development principles seek to maximise the opportunities for the regeneration of derelict and unsightly areas. This may have some positive impact on fear of crime although there is only limited certainty over this impact. The development principals also seek to mitigate the potential impacts of road traffic on highway safety and the policy could therefore have some positive impact on the sub-objective of improving road safety.										
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments Unlikely to	<u>s:</u> have any siç	gnificant effe	cts.							

CS2: Development Princip	oles											
		Timescale										
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
S5. To improve health and reduce health inequalities.	+	++	++	Medium	Borough wide	Long term	Improved quality of life.					
Comments: The development principles encourage development that tackles deprivation by, amongst other things, reducing health inequalities and providing oppositive lifestyle choices and health improvement. The development principles also seek to encourage walking and cycling, provide a range of health mitigate the potential impacts of road traffic on air quality and health. Accordingly, it is considered that the policy has the potential to have a significant on the objective and its associated sub-objectives of increasing life expectancy; reducing mortality rates; and reducing levels of obesity. This impact the Plan's proposals take effect.												
S6. To provide good quality, affordable and resource efficient	+	+	+	Low	Borough wide	Long term	Reduced incidence of fuel poverty.					
housing.	developme carbon dio:	ppment princi ent principles xide, support	do however s the pruder	specify that the C nt use of natural re	Council will enc esources and p	ourage new develop promotes sustainable	o the provision of good quality, affordable oment (including residential developmen the construction and efficiency in resource the of minimising resource and energy use	t) that contributes to reductions in use. It is therefore envisaged that the				
S7. To improve educational attainment, training and	+	+	+	Medium	Borough wide	Long term	Improved quality of life and opportunity.					
opportunities for lifelong learning and employability.	The develo	Comments: The development principles encourage development that tackles deprivation by, amongst other things, encouraging development that helps reduce economic inequality. The development principles also seek to encourage the provision of a range of facilities, including education facilities. The policy could thereby have a positive impact on the objective and its sub-objective of increasing educational achievement.										
S8. To preserve, enhance and manage Knowsley's rich	+	+	+	Medium	Borough wide	Long term	Positive impact on the image of the Borough and sense of place.					
diversity of cultural, historic and archaeological buildings, areas, sites and features.	The develo	Comments: The development principles seek to enhance local character and promote quality of place by, amongst other things, ensuring new development respects the character and distinctiveness of places and protects and enhances the historic environment.										
Environment												
E1. To protect, enhance and manage the local character and	+	+	+	Low	Borough wide	Long term	Secondary impacts on the image of the Borough.					

CS2: Development Princip	oles											
		Timescale)			fect						
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
accessibility of the landscape and countryside across Knowsley.	respecting impact on I	pment princi the characte and quality.	r and distinc As a result, i	tiveness of lands t is envisaged that ce to protecting a	capes; maintair at the developmend enhancing o	ning or enhancing the ent principles would pen space and the p	es environmental assets by, amongst ot the tranquillity of open countryside and ru I have a positive impact on the objective policy would therefore have a limited imp	ral areas; and ensuring no negative e. The development principles do not				
E2. To protect, enhance and manage biodiversity, the viability	+	+	+	Medium	Borough wide	Long term						
of protected and endangered species, habitats, geodiversity and sites of geological importance.	the quantity	pment princi and quality	of biodivers	ity and habitats. I	development p	ncluded that the de	es environmental assets by, amongst ot velopment principles have the potential nment, including species and habitat dive	to have a positive impact on the				
E3. To adapt to climate change including flood risk.	+	+	+	Medium	Borough wide	Long term						
	The develo	<u>Comments:</u> The development principles specifically refer to the need to ensure new development adapts to the effects of climate change by identifying and applying measures offering effective mitigation and adaptation to the likely environmental, social and economic impacts of climate change. The development principles also seek to protect and enhance environmental assets by ensuring new development does not have a negative impact upon flood risk.										
E4. To mitigate climate change including using energy prudently	+	++	++	Medium	Borough wide	Long term						
and efficiently and increasing energy generated from renewable sources.	carbon diox by promotion towns and	- carbon emiss xide from all ng the use of cities, which	sources. The f public trans could help r	e development pr sport, walking and emove carbon did	inciples also se cycling. Furthe exide from the a	ek to reduce the ne ermore, the develop atmosphere. It is the	es that new development will be supported ed to travel and achieve a shift towards ment principles seek to support Green Interefore envisaged that the development is impact will increase as the Plan's prop	more sustainable modes of transport nfrastructure and the greening of principles would have a major positive				
E5. To provide, conserve, maintain and enhance green	+	+	+	Medium	Borough wide	Long term	Secondary impacts on the image of the Borough.					
infrastructure.		- opment princ			nfrastructure ar		owns and cities. It is therefore envisaged e and quality of the green infrastructure i					

CS2: Development Princip	oles							
		Timescale	;			Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
E6. To protect, manage and restore land and soil quality.	+	+	+	Medium	Borough wide	Long term	Positive impact on the image of the Borough. Potential secondary impacts on biodiversity.	
	promote qu	opment princuality of place	e by, among	st other things, ma	aximising the o	pportunities for the	pative impact on soil quality and also see regeneration of derelict and unsightly are ne amount of contaminated and derelict	eas. It is therefore envisaged that the
E7. To protect, improve and where necessary, restore the	+	+	+	Medium	Borough wide	Long term	Secondary impacts on biodiversity	
quality of inland, and estuarine waters.	Comments The develo		iples include	protecting and er	nhancing enviro	onmental assets by	ensuring that there will be no negative ir	npact upon water quality.
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	
	developme	- opment princ ent principles	also seek to	reduce the need	to travel and ir	mprove accessibility	ice by mitigating the potential impacts of by enabling people to meet their needs at the development principles could help	locally and achieving a shift to more
E9. To use water and mineral resources prudently and	+	+	+	Medium	Borough wide	Long term		
efficiently.	Comments The develo	_	iples seek to	make the most e	fficient use of a	available resources l	by supporting the prudent management	of natural resources
E10. To reduce the need to travel and improve choice and use of more sustainable transport mode.	+	++	++	Medium	Borough wide	Long term	Reduced social exclusion. Reduced congestion and greenhouse gas emissions.	
							Secondary impacts on air quality.	

CS2: Development Princip	oles							
		Timescale				Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
	reduce the of public tra	pment princi need to trav ansport, walk	el and enab king and cyc	le people to meet ling. It is therefore ncouraging susta	their needs loc considered that inable transpor	ally; assist in achievat the development tuse. This impact v	principles have the potential to have a will increase as the Plan's proposals ta	nodes of transport; and promote the use significant positive impact on the
E11. To minimise the production of waste and increase reuse,	+	+	+	Medium	Borough wide	Long term	Reduced need to identify waste landfill sites.	
recycling and recovery rates.	that makes	ppment princi the most eff	icient use of	f available resourd	ces by promotin	ng efficiency in reso	urce use, including the reuse and recy	principles encourage new development cling of materials. It is therefore ing reuse, recycling and recovery rates.
Economic								
EC1. To improve the competitiveness and productivity of business, exploit	+	+	+	Medium	Borough wide	Long term	Increased employment opportunities and reduced deprivation.	
the growth potential of business sectors and increase the number of new businesses.		pment princi					nongst other things, improving busines ive impact on the competitiveness and	s productivity and employment levels in productivity of business.
EC2. To enhance the vitality and viability of town and local	+	+	+	Medium	Borough wide	Long term	Improved quality of life.	
centres.	principles of	_ pment princi do however s	eek to redu	ce the need to tra	o ensure that n	e accessibility by pr	nhances the vitality and viability of towr roviding a range of services and facilition the sub-objective of improving commun	es, including retail, health, education
EC3. Maintain high and stable levels of employment and reduce	+	+	+	Medium	Borough wide	Long term	Reduced deprivation.	
long-term unemployment.	Knowsley.	_ pment princi The principle	es also seek	to support develo	pment that help	ps tackle the cause	nongst other things, improving busines s of deprivation and reduces economic sub-objective of reducing unemployme	

CS2: Development Princip	oles							
		Timescale	•			Nature of Eff	ect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
Constator de Hiller Communication								

Sustainability Summary

The preferred option would have a positive impact on a wide range of social, environmental and economic objectives. The preferred option would have a particularly significant impact on the objectives relating to health; reducing climate change; and reducing the need to travel. It is anticipated that the positive impact on each of these objectives will become increasingly significant as the Plan's proposals take effect.

The emphasis placed upon encouraging development that promotes sustainable economic development, tackles deprivation and helps reduce economic inequality should ensure that the preferred option has some positive impact on the objectives relating to poverty and deprivation; improving the competitiveness and productivity of business; and maintaining high and stable levels of employment. The development principles also seek to ensure the provision of a range of services and facilities which should have some positive impact on the objectives relating to the accessibility of goods, services and amenities; and improving educational attainment. In addition, the inclusion of development principles relating to the protection of environmental assets and the quality of places ensures that the preferred option should have some positive impact on the objectives relating to Knowsley's built heritage; landscape character and accessibility; biodiversity and geodiversity; land and soil; and water quality.

There are no negative or uncertain impacts on the sustainability objectives.

Key for effects
++ major positive; + minor positive; 0 neutral; - minor negative; -- major negative; ? uncertain

CS3: Housing Supply, Del	livery and	d Distribu	ution					
		Timescale)			Nature of Eff	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
Social								
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Improved quality of life.	
economic inclusion.	Comments The prefer		ates that land	d for housing dev	elonment will h	e suhiect to nhased	release to ensure that a five-year suppl	v is maintained in order to sunnort the
	protection	of urban reg	eneration pri	orities. This shou	ild ensure that t	the housing provided	d in the Borough contributes to the socia	al, economic and environmental
							et the needs and demands of Knowsley' at the preferred option has the potential t	
	objective.							
S2. To improve local	0	0	0	Medium	N/A	N/A		
accessibility of goods, services	Comments	_						
and amenities and reduce	Unlikely to	have any sig	nificant effe	cts.				
community severance.	0		0	NA - Pro-	N1/A	N1/A	T	T
S3. To improve safety and reduce crime, disorder and fear	0 Comments	0	0	Medium	N/A	N/A		
of crime.		<u>s:</u> have any sig	nificant effe	cts.				
S4. To support voluntary and	0	0	0	Medium	N/A	N/A		
community networks, assist	Comments	_						
social exclusion and ensure	Unlikely to	have any sig	nificant effe	cts.				
community involvement in								
decision-making.				Madium	Dorough	Longtorm	Improved quality of life	T
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term	Improved quality of life.	
	Comments The provise	_	uality housin	a can havo cianifi	cant honofite fo	or hoalth, for overn	lo by raducing the incidence of fuel neve	orty and providing a bottor living
							le by reducing the incidence of fuel pove a sufficient number of houses to meet K	
							red that the preferred option has the pol	
	objective.	nave impact	on the nearti	i or communities	iii itilowolog. It	is therefore conside	Tod that the preferred option has the pol	to have a positive impact on the
	,							

CS3: Housing Supply, Del	ivery and	d Distribu	ıtion					
		Timescale				Nature of Eff	ect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
S6. To provide good quality, affordable and resource efficient	++	++	++	Medium	Borough wide	Long term		
housing.	identifies a sizes in Kn number of meet the n	Sley Strategion need for affor nowsley and thouses to meeds and de nd its sub-ob	ordable hous that there is eet Knowsle mands of Kn	ing in the Boroug a particular shorta y's needs and en owsley's commul	h. In addition, tage of three-because that the tentions. It is there	he Knowsley Housir droom properties an nure, type and size of fore considered that	orough has higher than average levels on the Needs Assessment 2009 established divided larger executive homes. The preferred of housing delivered supports the re-bal the preferred option has the potential the greater tenure mix; and increasing the	I that there is a shortfall of all property d option seeks to deliver a sufficient ancing of the housing market to better o have a major positive impact on the
S7. To improve educational attainment, training and	+	+	+	Medium	Borough wide	Long term	Reduced deprivation	
opportunities for lifelong learning and employability.	Comments The constructio	uction of the	housing req	uired to meet the	needs and den	nands of Knowsley's	communities is likely to generate some	e training opportunities in the
S8. To preserve, enhance and	0	0	0	Medium	N/A	N/A		
manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments Unlikely to	s: have any siç	nificant effe	cts.				
Environment								
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	O Comments Unlikely to	0 s: have any siç	O gnificant effe	Medium cts.	N/A	N/A		
E2. To protect, enhance and	0	0	0	Medium	N/A	N/A		

CS3: Housing Supply, Del	livery and	d Distribu	ution					
		Timescale				Nature of Eff	ect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to		gnificant effe	cts.				
E3. To adapt to climate change including flood risk.	that sewer within the (Neverthele	the broad loo flooding has Council's bou ss, other pol	been report undaries i.e. licies in the (ed in Knowsley Vi Halewood, Cronto	illage, Stockbri on, Huyton, Pre ensure that dev	dge, and Whiston; a escot, Knowsley Villa	g. For example, the Knowsley Strategic nd surface water flooding incidents are ge and Kirkby. It is anticipated that clim d to areas at the lowest risk of flooding a	prevalent in all major conurbations ate change will exacerbate flood risk.
E4. To mitigate climate change including using energy prudently and efficiently and increasing	?	?	?	Low	Borough wide	Long term		The new housing in Knowsley would be built to higher standards of energy efficiency.
energy generated from renewable sources.	housing in housing ma	uction and o the Borough arket. In add	and the planition, the nev	n's objectives plac v housing in Know	ce an emphasis vsley would be	s upon delivering a s built to higher stand	ssions. Nevertheless, it is recognised that ufficient quantity and mix of housing in a rads of energy efficiency. The uncertain uilt into the policy described above.	order to deliver a well-balanced
E5. To provide, conserve, maintain and enhance green	0 Comments	<u>0</u>	0	Medium	N/A	N/A	,	
infrastructure.	-	· · · · · ·	gnificant effe		N./A	L N/A		
E6. To protect, manage and	0	0	0	Medium	N/A	N/A		

CS3: Housing Supply, Del	ivery and	d Distribu	ıtion					
	•	Timescale	•			Nature of Eff	iect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
restore land and soil quality.	Comments Unlikely to	<u>s:</u> have any siç	nificant effe					
E7. To protect, improve and where necessary, restore the quality of inland, and estuarine waters.	Ĵ	have any siç			N/A	N/A		
E8. To protect, and where	0	0	0	Medium	N/A	N/A		
necessary, improve local air quality.	Comments Unlikely to	<u>s:</u> have any siç	nificant effe	cts.				
E9. To use water and mineral resources prudently and efficiently.	?	?	?	Low	Borough wide	Long term		The new housing in Knowsley would be built to higher environmental standards.
	housing in	uction and o the Borough	and the plan	n's objectives plad	ce an emphasis		use. Nevertheless, it is recognised that sufficient quantity and mix of housing in conmental standards.	
E10. To reduce the need to travel	0	0	0	Medium	N/A	N/A		
and improve choice and use of more sustainable transport mode.	Comments Unlikely to	<u>s:</u> have any siç	nificant effe	cts.				
E11. To minimise the production	0	0	0	Medium	N/A	N/A		
of waste and increase reuse, recycling and recovery rates.	Comments	_	mificant offa	oto				
Economic	Utilikely to	have any sig	Jillicant ene	UIS.				
EC1. To improve the competitiveness and productivity of business, exploit	+ Comments	_	+	Medium	Borough wide	Long term		
the growth potential of business sectors and increase the number of new businesses.							a suitable workforce, which is vital for the construction sector.	ne ongoing competitiveness of

CS3: Housing Supply, Del	ivery and	d Distribu	ıtion					
		Timescale				Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
EC2. To enhance the vitality and viability of town and local	+	+	+	Low	Borough wide	Long term		
centres.	centres. In more spen Neverthele	red option in addition, the ding in the B ss, it is noted	rebalancing orough's too d that not all	g of the housing m wn, district and loo	narket is likely to al centres. It is ould be directed	o entail the increase therefore envisaged to locations that su	ould be directed to locations that have good provision of three-bedroom and exect that the preferred option would have a support Knowsley's centres. As a result,	utive housing which could result in
EC3. Maintain high and stable levels of employment and reduce	+	+	+	Medium	Borough wide	Long term	Reduced deprivation	
long-term unemployment.	Comments The constr constructio	uction of the	housing red	uired to meet the	needs and den	nands of Knowsley's	s communities is likely to generate som	e employment opportunities in the

Sustainability Summary

The preferred option would have a largely positive impact on the sustainability objectives. The preferred option seeks to deliver a sufficient number of houses to meet Knowsley's needs and ensure that the tenure, type and size of housing delivered supports the re-balancing of the housing market to better meet the needs and demands of Knowsley's communities. As a result, it is considered that the preferred option has the potential to have a major positive impact on the objective of providing good quality, affordable and resource efficient housing, and some positive impact on the objectives relating to poverty and social deprivations; and health.

The preferred option is likely to generate some employment and training opportunities in the construction sector. In addition, the provision of high quality residential developments can ensure that the Borough attracts a suitable workforce and thereby have a positive impact on the ongoing competitiveness of businesses and support the Borough's town and local centres. As a result, it is envisaged that the preferred option would have a positive impact on the economic objectives and the objective of improving educational attainment, training and employability.

There are no anticipated negative impacts on the sustainability objectives. It is however considered that the preferred option would have an uncertain impact on the objectives relating to mitigating climate change and the use of water and minerals due to the environmental impacts associated with the construction and operation of new dwellings. It is however recognised that there is an identified need to provide housing in the Borough and that the new dwellings would be built to higher environmental standards.

Key for effects++ major positive; + minor positive; 0 neutral; - minor negative; -- major negative; ? uncertain

CS4: Economy and Emplo	yment							
		Timescale)			Nature of Eff	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
Social								
S1. To reduce poverty and social deprivation and secure	+	+	++	Medium	Borough wide	Long term	Improved quality of life.	
economic inclusion.	appropriate	_ red option se e range of jol	bs; and addr	ess skills and edu	ıcational barrie	rs to employment. It	and to meet employment development n is therefore envisaged that the preferre s of the preferred option take effect.	
S2. To improve local accessibility of goods, services	+	+	+	Medium	Borough wide	Long term	Improved quality of life.	
and amenities and reduce community severance.	to each of	red option se these centre	s by car and	public transport i	s good. As a re	sult, directing these	centres. As noted in the Knowsley Town uses to town centre locations should er the preferred option would have a posit	nsure that goods, services and
S3. To improve safety and	0	0	0	Medium	N/A	N/A		
reduce crime, disorder and fear of crime.	Comments Unlikely to	<u>s:</u> have any sig	gnificant effe	cts.				
S4. To support voluntary and	0	0	0	Medium	N/A	N/A		
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments Unlikely to	<u>s:</u> have any si ₍	gnificant effe	cts.				
S5. To improve health and	0	0	0	Medium	N/A	N/A		
reduce health inequalities.	Comments Unlikely to	<u>s:</u> have any sig	gnificant effe	cts.				
S6. To provide good quality,	0	0	0	Medium	N/A	N/A		
affordable and resource efficient housing.	Comments Unlikely to	<u>s:</u> have any sig	gnificant effe	cts.				
S7. To improve educational attainment, training and	+	+	+	Medium	Borough wide	Long term	Improved quality of life.	

CS4: Economy and Emplo	yment							
		Timescale)			Nature of Eff	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
opportunities for lifelong learning and employability.	addressed	_ red option se by, amongs	t other things	s, providing suppo	ort for training a is therefore en	and educational initia	addition, the supporting text states that atives and through the use of legal agree ferred option has the potential to have a	ments with developers to encourage
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments Unlikely to	0 <u>s:</u> have any siç	O gnificant effe	Medium cts.	N/A	N/A		
Environment								
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	O Comments Unlikely to	0 <u>s:</u> have any siç	0 gnificant effe	Medium cts.	N/A	N/A		
E2. To protect, enhance and manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	O Comments Unlikely to	<u>s:</u> have any siç	0 gnificant effe	Medium cts.	N/A	N/A		
E3. To adapt to climate change including flood risk.	0	0	0	Medium	N/A	N/A		Other policies in the Core Strategy will ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk.

CS4: Economy and Emplo	yment							
		Timescale)			Nature of Ef	ffect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
C4 To milimate elimente chemes	notes that Core Strate	e broad loca Huyton Busir	ness Park is re that deve	susceptible to fluillopment is directe	vial flooding. It ed to areas at th	is anticipated that one lowest risk of floo	oding. For example, the Knowsley Strate Climate change will exacerbate flood risk oding and that appropriate measures are	. Nevertheless, other policies in the e taken to ensure new development
E4. To mitigate climate change including using energy prudently and efficiently and increasing energy generated from	?	?	<i>?</i>	Low	Borough wide	Long term		Specify that linkages between housing and employment areas by public transport, walking and cycling will be improved.
	an identifie employmer also specif housing ar	uction and o d need for n nt growth in I ies that mixe	ew employm Knowsley. Ir d use scher ent areas will	nent premises in the n addition, the new mes will be encour be improved but	he Borough and v employment praged which ma it is not specific	d the plan's objective oremises in Knowskay reduce the need by what means o	result in carbon dioxide emissions. New yes place an emphasis upon encouragin ey would be built to higher standards of to travel. The preferred option also state of transport. As a result, it is considered	g sustainable economic and energy efficiency. The preferred option es that transport linkages between
E5. To provide, conserve, maintain and enhance green infrastructure.	O Comments Unlikely to	0 : have any sig	O Onificant effe	Medium ects.	N/A	N/A		
E6. To protect, manage and restore land and soil quality.	+	+	+	Medium	Borough wide	Long term	Secondary impact on the image of Knowsley. Protection of the Green Belt.	
	opportunity	red option wo to redevelo	p derelict, ui	nderused and pote	entially contam	inated sites. As a re	ployment areas in order to enhance thei esult, the preferred option has the poten e amount of contaminated land.	r quality. This would provide the tial to have a positive impact on the
E7. To protect, improve and where necessary, restore the quality of inland, and estuarine waters.	0 Comments	0	0	Medium	N/A	N/A		

CS4: Economy and Emplo						National of Edition	to a d	<u> </u>
		Timescale			1	Nature of Eff		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
E8. To protect, and where necessary, improve local air quality.	+	+	+	Low	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	Specify that linkages between housing and employment areas by public transport, walking and cycling will be improved.
	to each of the have a possible specified b	red option se these centre itive impact y what mear	s by public tr on air quality as of transpo	ransport is good. <i>I</i> v. The preferred o	As a result, the ption also state level of certain	preferred option cous that transport linkanty that the preferred	centres. As noted in the Knowsley Tovuld support a modal shift to more sustanges between housing and employmer a positive impact of	
E9. To use water and mineral	?	?	?	Low	Borough	Long term		
resources prudently and	Commonts				wide			
	identified n growth in k	uction and o eed for new (nowsley. In	employment addition, the	t premises in the E	opments housi Borough and th t premises in K	e plan's objectives p		heless, it is recognised that there is an sustainable economic and employment As a result, it is considered that the
resources prudently and	The constridentified n	uction and o eed for new (nowsley. In	employment addition, the	t premises in the E new employmen	opments housi Borough and th t premises in K	e plan's objectives p	olace an emphasis upon encouraging suilt to higher environmental standards. Reduced social exclusion. Reduced congestion and greenhouse gas emissions.	As a result, it is considered that the Specify that linkages between housing and employment areas by
resources prudently and efficiently. E10. To reduce the need to travel and improve choice and use of more sustainable transport	The constr identified n growth in k impact of th	uction and o eed for new (nowsley. In ne preferred +	employment addition, the option on thi	t premises in the E new employment is objective is unc	opments housi Borough and th t premises in K ertain. Borough	e plan's objectives p nowsley would be b	olace an emphasis upon encouraging suilt to higher environmental standards. Reduced social exclusion. Reduced congestion and	As a result, it is considered that the Specify that linkages between housing and employment areas by public transport, walking and cycling
resources prudently and efficiently. E10. To reduce the need to travel and improve choice and use of more sustainable transport	The constridentified n growth in k impact of the transfer of transfer	ced option settlesse centre	employment addition, the option on thi + eeks to direct s by public tr on this object	t premises in the Renew employment is objective is uncontrol Low t retail and town cransport is good. Active. The preferre	opments housing and the premises in Kertain. Borough wide entre leisure use As a result, the doption also s	e plan's objectives prowsley would be b Long term ses to existing town preferred option contates that transport I	colace an emphasis upon encouraging suilt to higher environmental standards. Reduced social exclusion. Reduced congestion and greenhouse gas emissions. Secondary impacts on air quality. centres. As noted in the Knowsley Towald support a modal shift to more susta	As a result, it is considered that the Specify that linkages between housing and employment areas by public transport, walking and cycling will be improved. In Centre and Shopping Study, access inable modes of transport and thereby ment areas will be improved but it is not
resources prudently and efficiently. E10. To reduce the need to travel and improve choice and use of more sustainable transport mode. E11. To minimise the production	The constridentified n growth in k impact of the transfer of transfer of the transfer of transfer	cuction and o eed for new (nowsley. In the preferred these centre citive impact y what mear 0	employment addition, the option on thi + eeks to direct s by public tr on this object	t premises in the Renew employment is objective is uncontrol Low t retail and town cransport is good. Active. The preferre	opments housing and the premises in Kertain. Borough wide entre leisure use As a result, the doption also s	e plan's objectives prowsley would be b Long term ses to existing town preferred option contates that transport I	colace an emphasis upon encouraging suilt to higher environmental standards. Reduced social exclusion. Reduced congestion and greenhouse gas emissions. Secondary impacts on air quality. Centres. As noted in the Knowsley Towald support a modal shift to more sustainkages between housing and employed.	Specify that linkages between housing and employment areas by public transport, walking and cycling will be improved. In Centre and Shopping Study, access inable modes of transport and thereby ment areas will be improved but it is not
resources prudently and efficiently. E10. To reduce the need to travel and improve choice and use of more sustainable transport mode.	The constridentified n growth in k impact of the transfer of t	cuction and o eed for new (nowsley. In the preferred these centre sitive impact y what mear 0	employment addition, the option on thi + eeks to direct s by public tr on this object as of transpo	t premises in the Renew employment is objective is uncontrol Low Tretail and town consport is good. A citive. The preferrent. As a result, the Medium	opments housing and the premises in Kertain. Borough wide wide a result, the doption also selevel of certain.	e plan's objectives prowsley would be b Long term ses to existing town preferred option contates that transport Inty that the preferred	colace an emphasis upon encouraging suilt to higher environmental standards. Reduced social exclusion. Reduced congestion and greenhouse gas emissions. Secondary impacts on air quality. Centres. As noted in the Knowsley Towald support a modal shift to more sustainkages between housing and employed.	Specify that linkages between housing and employment areas by public transport, walking and cycling will be improved. In Centre and Shopping Study, access inable modes of transport and thereby ment areas will be improved but it is not

CS4: Economy and Emplo	yment					Nature of Eff						
		Timescale										
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
EC1. To improve the competitiveness and	+	++	++	Medium	Borough wide	Long term	Reduced deprivation.					
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	The preferr sufficient la option take	Comments: The preferred option seeks to support sustainable economic growth and meet the development needs of established and emerging employment sectors; provide sufficient land to meet employment development needs; and support the diversification of the rural economy. As a result, once the cumulative impacts of the preferred option take effect, it is considered that the preferred option has the potential to have a major positive impact on this objective and its sub-objectives of increasing the number of local and new businesses and increasing industrial/commercial floorspace.										
EC2. To enhance the vitality and viability of town and local centres.	++	++	++	Low	Borough wide	Long term	Image of the Borough	Strengthen the wording to require proposals for town centre uses in out of centre locations to demonstrate that there are no sites in a town centre or edge of centre location that are suitable, available and viable.				
	Comments: The preferred option seeks to direct retail and town centre leisure uses to existing town centres. It is therefore considered that the preferred option has the pote have a major positive impact on this objective. The preferred option also specifies that town centre uses and offices will be permitted in out of centre locations we town centre and edge of centre locations have been considered first. The level of certainty that the preferred option would have a positive impact on this objective could be improved if the wording is strengthened to require proposals for town centre uses in out of centre locations to demonstrate that there are no sites in a tentre or edge of centre location that are suitable, available and viable.							nitted in out of centre locations where a positive impact on this objective				
EC3. Maintain high and stable levels of employment and reduce	+	++	++	Medium	Borough wide	Long term	Improved quality of life.					
long-term unemployment.	Comments: The preferred option seeks to support sustainable economic growth; provide sufficient land to meet employment development needs; improve accessibili appropriate range of jobs; and address skills and educational barriers to employment. It is therefore envisaged that the preferred option has the potential major positive impact on this objective over the longer term once the cumulative impacts of the preferred option take effect.											
Sustainability Summary			1	- g		, , , , , , , , , , , , , , , , , , ,						

CS4: Economy and Employment										
		Timescale								
SA Objective	0 – 5	5 – 10	10+	Certainty	Scale	Permanence	Secondary, cumulative,	Mitigation		
	years	years	years				synergistic			

The preferred option would have a largely positive impact on the sustainability objectives. The preferred option seeks to support sustainable economic growth; provide sufficient land to meet employment development needs; improve accessibility to an appropriate range of jobs; and address skills and educational barriers to employment. It is therefore envisaged that the preferred option would have a major positive impact on the objectives relating to poverty and deprivation; improving the competitiveness of business and increasing the number of new businesses; and maintaining high and stable levels of employment; and some positive impact on the objective relating to improving opportunities for lifelong learning and employability. It is anticipated that the positive impact on each of these objectives will become increasingly significant as the Plan's proposals take effect.

The preferred option seeks to direct retail and town centre leisure uses to existing town centres. It is therefore anticipated that the preferred option would also have a major positive impact on the objective of enhancing the vitality and viability of town and local centres. It is however considered that there would be a greater level of certainty that the preferred option would have a positive impact on this objective if the wording was strengthened to require proposals for town centre uses in out of centre locations to demonstrate that there are no sites in a town centre or edge of centre location that are suitable, available and viable. The directing of retail and town centre leisure uses to existing town centres, which are all considered to be accessible by public transport, should also have some positive impact on the objectives relating to air quality and improving the use of more sustainable modes of travel. It is however considered that the certainty of this impact is also low.

It is not anticipated that the preferred option would have a negative impact on any of the sustainability objectives. It is however considered that the preferred option would have an uncertain impact on the objectives relating to mitigating climate change and the use of water and minerals due to the environmental impacts associated with the construction and operation of new dwellings. Nevertheless, it is recognised that there is an identified need to for new employment premises in the Borough and that the new development would be built to higher environmental standards.

Key for effects											
++ major positive;	+ minor positive;	0 neutral;	minor negative;	– major negative;	? uncertain						

CS5: Green Belts									
	•	Timescale				Nature of Eff	fect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
Social									
S1. To reduce poverty and social deprivation and secure	0	0	+	Medium	Borough wide	Long term	Improved quality of life.		
economic inclusion.	employme	_ ion of a num nt land to me It is therefor	eet the needs	of the Borough.	The preferred o	ption also specifies	pment provides an additional mechanis that the release of such land must not u act on the objective once the reserve loc	undermine the Council's regeneration	
S2. To improve local accessibility of goods, services and amenities and reduce community severance.	0	0	?	Low	Borough wide	Long term	Secondary impacts on the need to travel.	More information is required on the accessibility of these locations. It is however acknowledged that this will be provided by the Green Belt study when this is published.	
	It is acknown modes of the safeguarde	Comments: It is acknowledged that preferred option CS7 states that new development will be required to be located and designed to prioritise accessibility and sustainable modes of travel through a choice of walking, cycling and public transport. However, insufficient information is provided on the accessibility of the reserve and safeguarded locations in order to assess the extent to which the future occupants of these sites will be able to easily access existing services and facilities within the Borough's urban areas. As a result, the impact of the preferred option on the objective is considered to be uncertain.							
S3. To improve safety and	0	0	0	Medium	N/A	N/A			
reduce crime, disorder and fear of crime.	Comments Unlikely to	_	gnificant effe	cts.					
S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in decision-making.	O Comments Unlikely to		Ognificant effe	Medium cts.	N/A	N/A			

CS5: Green Belts								
		Timescale)			Nature of Eff	fect	
SA Objective	0-5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
S5. To improve health and reduce health inequalities.	+	+	?	Low	Borough wide	Long term		More information is required on the recreational value of these locations. It is however acknowledged that this information will be provided by the Green Belt study when this is published.
	Belt land in	red option won the longer t	erm. As a re	sult, the preferred	l option could h	ave a detrimental in	ed in the short/medium term. It would how npact on the objective in the longer term ton the objective in the longer term is the	. Nevertheless, insufficient info is
S6. To provide good quality,	0	0	+	Medium	Borough	Long term		
affordable and resource efficient housing.	land to me	_ ion of a num et the needs	of the Borou	igh. The preferred	d option also sp	ecifies that the relea	Drovides an additional mechanism to ensase of such land must not undermine the ective once the reserve locations start to	e Council's regeneration objectives. It
S7. To improve educational	0	0	0	Medium	N/A	N/A	ective once the reserve locations start to	come forward in the longer term.
attainment, training and opportunities for lifelong learning and employability.	Comments		•	1	j IWA	I IVA		
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	0	0	?	Low	Borough wide	Long term	Secondary impacts on the image of the Borough.	More information is required on the impact of development in these locations on Knowsley's historic assets. It is however acknowledged that this information will be provided by the Green Belt study when this is published.

CS5: Green Belts									
		Timescale				Nature of Ef	fect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
Environment	designation locations w	- rting text to t ns such as hi rould have or	storic parks n these asse	and gardens and ets. It is therefore	Conservation According to Considered that	Areas. However, ins t the impact of the p	arded locations are subject to various co sufficient information is provided on the in referred option on this objective would b on CS 20 would provide protection to the	mpact that the development of these e uncertain in the long term as the	
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	+	+	?	Low	Borough wide	Long term	Secondary impacts on the image of the Borough.	More information is required on the impact of development in these locations on landscape character and accessibility. It is however acknowledged that this information will be provided by the Green Belt study when this is published.	
	Comments: The preferred option would protect the Green Belt from inappropriate development and it is therefore envisaged that it would have a positive impact on the character and accessibility of the landscape in the short to medium term. Through the release of reserved and safeguarded sites within the Green Belt, the preferred option would however lead to loss of some Green Belt sites over longer term. Whilst these sites only account for around 6% of the Green Belt area within the Borough, no information is provided on how the development of these sites would impact on the character and accessibility of the landscape. Accordingly, it is considered that the impact of the preferred option on the objective is uncertain in the long term.								
E2. To protect, enhance and manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	0	0	?	Low	Borough wide	Long term	Secondary impacts on the image of the Borough.	More information is required on the impact of development in these locations on natural assets. It is however acknowledged that this information will be provided by the Green Belt study when this is published. Strengthen preferred option CS8 in relation to the protection it would afford to valuable natural resources, particularly protected species.	

CS5: Green Belts										
	1	Timescale	•			Nature of Eff	ect			
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
	Comments: The supporting text to the preferred option states that some of the reserved and safeguarded locations are subject to various constraints, including national and locations such as Sites of Biological Interest. However, insufficient information is provided on the impact that the development of these locations would have of these assets. It is therefore considered that the impact of the preferred option on this objective would be uncertain in the long term as the reserve locations start to come forward. It is however acknowledged that preferred option CS8 would provide protection to biodiversity in the Borough.									
E3. To adapt to climate change including flood risk.	0	0	0	Medium	Borough wide	Long term		Other policies in the Core Strategy will ensure that appropriate measures are taken to prevent new development from exacerbating flood risk.		
	Comments: The preferred option would lead to housing and employment development being directed to urban area in the short to medium term. This is likely to ensure the of surface water run-off are not increased by Green Belt land being developed. It is however noted that the Strategic Flood Risk Assessment established that water flooding incidents are prevalent in all major conurbations within the Council's boundaries. Nevertheless, other policies in the Core Strategy will ensure appropriate measures are taken to ensure new development does not exacerbate flood risk. In the longer term the preferred option would result in locations of Green Belt being released for housing and employment development. This could increase levels of surface water run-off and flood risk in these areas. In add SFRA has demonstrated that a number of these locations do have some level of flood risk. Nevertheless, the supporting text to the preferred option states the capacity of each location must comply with the guidance on flood risk contained within PPS25 and, as noted above, other policies in the Core Strategy will enappropriate measures are taken to ensure new development does not exacerbate flood risk. It is therefore considered that the preferred option would have no significant impact on the objective.									
E4. To mitigate climate change including using energy prudently and efficiently and increasing energy generated from renewable sources.	+	+	?	Low	Borough wide	Long term		More information is required on the accessibility of these locations. It is however acknowledged that this information will be provided by the Green Belt study when this is published.		

CS5: Green Belts									
		Timescale)			Nature of Eff	iect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
	Comments: The preferred option would ensure that housing and employment development is directed to urban area in the short to medium term. This is likely to have a impact on the objective due to the higher levels of accessibility within these areas. The preferred option would however result in some housing and employm development in the Green Belt in the longer term. The construction and operation of this development would inevitably result in some carbon emissions and insufficient information is provided on the accessibility of the reserve and safeguarded locations. The impact of the preferred option on this objective in the location is therefore considered to be uncertain. It is however noted acknowledged that preferred option CS7 states that new development will be required to be located designed to prioritise accessibility and sustainable modes of travel through a choice of walking, cycling and public transport. In addition, new development detections would be built to higher standards of energy efficiency.								
E5. To provide, conserve, maintain and enhance green infrastructure.	+	+	?	Low	Borough wide	Long term		More information is required on these sites in the context of the green infrastructure network and whether the uses can be accommodated on site in a way that is compatible with the function of this network. It is however acknowledged that this information will be provided by the Green Belt study when this is published.	
	Comments: The preferred option would ensure that housing and employment development is directed to the urban area in the short to medium term. This is likely to have a positive impact on the protection of the green infrastructure network. The preferred option would however result in some housing and employment development in the Green Belt in the longer term. Insufficient information is provided on the implications of development in these locations on the green infrastructure network and whether the uses can be accommodated on site in a way that is compatible with the function of this network.								
E6. To protect, manage and restore land and soil quality.	+	+	-	Medium	Borough wide	Long term		Ensure new development is built to an appropriate density to minimise the need to release additional Green Belt sites.	

CS5: Green Belts									
		Timescale				Nature of Eff	fect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
	Comments: The preferred option would ensure that housing and employment development is directed to urban area in the short to medium term which is likely to have a positive impact on the objective of protecting land and the sub-objectives of directing new housing to previously developed land and reducing the amount of derelict land. However, the preferred option would result in the release of greenfield sites for housing and employment land in longer term which would have a negative impact on the objective and its sub-objectives. It is however noted that the Council's Strategic Housing Land Availability Assessment (SHLAA) and Employment Land and Premises Study have demonstrated that Knowsley may be unable to meet its development needs without releasing some Green Belt land. In addition, the proportion of the Green Belt that would be taken by housing and employment development would equate to approximately 6% of the total Green Belt area of the Borough.								
E7. To protect, improve and	0	0	0	Medium	N/A	N/A			
where necessary, restore the quality of inland, and estuarine waters.	Comments: Unlikely to have any significant effects.								
E8. To protect, and where necessary, improve local air quality.	+	+	?	Low	Borough wide	Long term	Secondary impacts on health particularly amongst those who suffer from respiratory illnesses.	More information is required on the accessibility of these locations. It is however acknowledged that this information will be provided by the Green Belt study when this is published.	
	Comments: The preferred option would ensure that housing and employment development is directed to urban areas in the short to medium term. This is likely to have a positive impact on the objective due to the higher levels of accessibility within these areas which enables a greater proportion of trips to be undertaken by public transport, walking or cycling. The preferred option would however result in some housing and employment development in the Green Belt in the longer term. It is acknowledge that preferred option CS7 states that new development will be required to be located and designed to prioritise accessibility and sustainable modes of travel through choice of walking, cycling and public transport. Nevertheless, it is considered that insufficient information is provided on the accessibility of the reserve and safeguarded locations and the impact of the preferred option on the objective in the long term is therefore considered to be uncertain.							be undertaken by public transport, in the longer term. It is acknowledged sustainable modes of travel through a essibility of the reserve and	
E9. To use water and mineral resources prudently and	0	0	?	Low	Borough wide	Long term			
efficiently.	developme	ed option wont would ine	vitably result	in water and min	eral use. Neve	rtheless, it is recogn	opment over the longer term. The constr ised that there is an identified need to p dards, hence the uncertain performance	rovide this development in the	

CS5: Green Belts								
	•	Timescale)			Nature of Eff	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
E10. To reduce the need to travel and improve choice and use of more sustainable transport mode.	+	+	?	Low	Borough wide	Long term	Secondary impacts on congestion, air quality and carbon emissions.	More information is required on the accessibility of these locations. It is however acknowledged that this information will be provided by the Green Belt study when this is published.
	Comments: The preferred option would ensure that housing and employment development is directed to urban areas in the short to medium term. This is likely to have a po impact on the objective due to the higher levels of accessibility within these areas which enables a greater proportion of trips to be undertaken by public transpo walking or cycling. The preferred option would however result in some housing and employment development in the Green Belt in the longer term. It is acknowled that preferred option CS7 states that new development will be required to be located and designed to prioritise accessibility and sustainable modes of travel through the choice of walking, cycling and public transport. Nevertheless, it is considered that insufficient information is provided on the accessibility of the reserve and safeguarded locations and the impact of the preferred option on the objective in the long term is therefore considered to be uncertain.							
E11. To minimise the production	0	0	0	Medium	N/A	N/A		
of waste and increase reuse,	Comments	;	<u> </u>				1	1
recycling and recovery rates.			gnificant effe	cts.				
Economic								
EC1. To improve the competitiveness and	0	0	+	Medium	Borough wide	Long term		
productivity of business, exploit	Comments							
the growth potential of business							pment provides an additional mechani	
sectors and increase the number	employme	nt land to me	et the needs	of the Borough.	The preferred of	option would also pro	ovide a mechanism to ensure there is	sufficient housing land available in the
of new businesses.	Borough in envisaged	order to me that the pref	et the needs erred option	of the community would have a pos	<i>i</i> and also deliv sitive impact on	er the high quality e the objective once	executive housing required to attract sk the reserve locations start to come for	illed workers to Knowsley. It is therefore ward in the longer term.
EC2. To enhance the vitality and viability of town and local centres.	+	+	?	Low	Borough wide	Long term		More information is required on the accessibility of these locations. It is however acknowledged that this information will be provided by the Green Belt study when this is published.

CS5: Green Belts	CS5: Green Belts										
		Timescale	;								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
	The preferr positive implonger term	Comments: The preferred option would result in housing and employment development being directed to the urban area within the short and medium term. This is likely to have positive impact on the vitality and viability of Knowsley's town centres. The preferred option would, however, result in a more dispersed pattern of development in the longer term and there is insufficient information on the accessibility of the reserve and safeguarded locations to Knowsley's town centres. As a result, the impact of the preferred option on the objective is uncertain in the long term.									
EC3. Maintain high and stable levels of employment and reduce	0	0	+	Medium	Borough wide	Long term	Improved quality of life.				
long-term unemployment.	Comments: The provision of a number of reserve and safeguarded locations for employment development provides an additional mechanism to ensure that there is sufficient employment land to meet the needs of the Borough. The preferred option also specifies that the release of such land must not undermine the Council's regeneration objectives. It is therefore envisaged that the preferred option would have a positive impact on the objective once the reserve locations start to come forward in the longer term.										
Sustainability Summary											

CS5: Green Belts										
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		

The preferred option would have a positive impact on a number of sustainability objectives, particularly in the short and medium term. However, the number of mitigation recommendations is indicative of the fact that there are a number of opportunities to improve the sustainability performance of this policy.

Through the provision of a number of reserve and safeguarded locations for housing and employment development the preferred option would provide an additional mechanism to ensure that there is sufficient housing and employment land to meet the needs of the Borough in the latter stages of the plan period. It is therefore envisaged that the preferred option would have a positive impact on the objectives relating to poverty and deprivation; housing; the growth potential of business sectors; and maintaining high and stable levels of employment.

By ensuring housing and employment development are directed to the urban area in the short and medium term, the preferred option is likely to result in the protection of greenfield sites outside the urban area and thereby have a positive impact in the short and medium term on the objectives relating to health; landscape character and accessibility; mitigating climate change; green infrastructure; and land and soil. However, the preferred option would result in some housing and employment development in the Green Belt in the longer term. Consequently, in the longer term it is envisaged that the preferred option would have a negative impact on the objective relating to land and soil and an uncertain impact on the objectives relating to health; landscape character and accessibility; mitigating climate change; and green infrastructure. This uncertainty will however be addressed through the publication of the Green Belt study. This will provide information on, amongst other things, the recreational value of the sites and their role in the green infrastructure network.

The preferred option would result in a more dispersed pattern of development. Limited information is provided on the accessibility of the reserve and safeguarded locations that may be released from the Green Belt later in the plan period. As a result, in the longer term, the preferred option would have an uncertain impact on the objectives relating to access to goods, services and amenities; air quality; sustainable transport use; and the vitality and viability of town and local centres. Similarly, the limited information provided on the biodiversity and geodiversity value of these sites and their proximity to the Borough's historic assets means that the impact of the preferred option on the objectives relating to built heritage and biodiversity are uncertain in the long term.

		Kov fo	r offoots						
Key for effects									
++ major positive;	+ minor positive;	0 neutral;	minor negative;	– major negative;	? uncertain				

CS6: Town Centres and Retail Strategy											
	Timescale			Nature of Effect							
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social	+	++	++	Medium	Local	Long term	Improved quality of life.				
deprivation and secure economic inclusion.	The preferred option would result in significant investment being directed to Knowsley's centres. This would result in a range of employment opportunities being created in accessible locations within the Borough. It is therefore envisaged that the preferred option would have a positive impact on the objective of reducing poverty and social exclusion and its sub-objective of improving rates of economic activity. The preferred option would lead to health facilities being directed to Huy Kirkby and Prescot town centres. As noted in the Knowsley Town Centre and Shopping Study, access to each of these centres by car and public transport is good a result, the preferred option would result in health facilities being directed to accessible locations within the Borough. The preferred option could thereby also hav positive impact on the sub-objective improving health and reducing long-tem illness. This positive impact on the objective will increase as the Plan's proposals take effect.										
S2. To improve local	+	++	++	High	Local	Long term	Improved quality of life.				
accessibility of goods, services and amenities and reduce community severance.	Comments: The preferred option would direct services and facilities to Huyton, Kirkby and Prescot town centres. As noted in the Knowsley Town Centre and Shopping Study, access to each of these centres by car and public transport is good. The preferred option would also direct appropriate shopping and service provision to Knowsley's district and local centres. This should help people to meet their needs locally and thereby reduce the level of expenditure leakage, as identified in the Knowsley Town Centre and Shopping Study. The preferred option would thereby have a positive impact on the objective of improving community facilities. This positive impact on the objective will increase as the Plan's proposals take effect.										
S3. To improve safety and	+	+	+	Medium	Local	Long term	Improved quality of life.				
reduce crime, disorder and fear of crime.	Comments: By enhancing the vitality and viability of Knowsley's centres, the preferred option is likely to increase the amount of activity in these centres which could provide additional natural surveillance and thereby have some positive impact on the objective of reducing crime and fear of crime.										
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments: Unlikely to have any significant effects.										
S5. To improve health and	+	+	+	Medium	Local	Long term	Improved quality of life.				

CS6: Town Centres and R	etail Stra	tegy									
		Timescale)			Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
reduce health inequalities.	Study, acce accessible	ed option wo ess to each o locations wh	of these cent nich could ha	res by car and pu ve a positive imp	ublic transport is act on the obje	s good. As a result, ctive and its sub-obj					
S6. To provide good quality, affordable and resource efficient housing.	in the 2009	ed option wo	eds Assessi	ment. This could	Local development v have some pos	itive impact on the o	Improved quality of life. wn centres and could thereby help mee objective and the sub-objective of provice	t some of the housing need identified ling a wider choice of accommodation			
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	Shopping S	ed option wo Study, acces	s to each of	these centres by	car and public	transport is good. A	Improved quality of life. and Prescot town centres. As noted in the sa result, the preferred option would rejective of improving opportunities for life.	sult in education facilities being			
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	conservation Borough's	- red option wo on area. Huy heritage ass	ton Church I ets by, for ex	Road conservatio	n area is also a jing the preserv	idjacent to Huyton to	Secondary impacts on perceptions of the area town centres, including Prescot town cown centre. This level of investment couhistoric assets. It is also noted that pref	ld have a positive impact on the			
Environment											
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.		O O O Medium N/A N/A Comments: Unlikely to have any significant effects.									
E2. To protect, enhance and	0	0	0	Medium	N/A	N/A					

CS6: Town Centres and R	etail Stra	itegy						
		Timescale	•			Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to	<u>:</u> have any sig	nificant effe	cts.				
E3. To adapt to climate change including flood risk.	0	0	0	Medium	Local	Long term		Other policies in the Core Strategy will ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk.
	Borough ar Huyton, Pro its sub-obje	red option wo re predomina escot, Knows ective of redu	intly associa sley Village ucing flood ri	ited with highway and Kirkby. It is an sk is therefore co	flooding and ar nticipated that on nsidered to be	e prevalent in all ma climate change will e uncertain. Neverthe	town centres. The SFRA noted that surajor conurbations within the Council's be exacerbate flood risk. The impact of the eless, other policies in the Core Strategy to ensure new development does not e	oundaries, including Halewood, preferred option on the objective and will ensure that development is
E4. To mitigate climate change	+	+	+	Medium	Local	Long term		
including using energy prudently and efficiently and increasing energy generated from renewable sources.	access to e and local c	red option wo each of these entres. This	e centres by should help	public transport is people to meet th	good. The pre eir needs local	ferred option would ly and thereby reduc	own centres. As noted in the Knowsley also direct appropriate shopping and s ce the level of expenditure leakage, as s associated with transport and may the	ervice provision to Knowsley's district dentified in the Knowsley Town Centre
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A		
maintain and enhance green infrastructure.	Comments Unlikely to	<u>::</u> have any sig	ınificant effe	cts.				

CS6: Town Centres and R	etail Stra	itegy									
		Timescale	;			Nature of Eff	iect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E6. To protect, manage and restore land and soil quality.	+	+	+	Low	Local	Long term	Secondary impacts on perceptions of the area.	Provide more evidence on the presence of derelict/contaminated sites within/adjacent to these centres.			
	By compling the develop	Comments: By complimenting regeneration priorities in Knowsley's town centres, the preferred option has the potential to have a positive impact on this objective by encourage the development of derelict, underused and/or contaminated land. There is however limited certainty over this impact as limited evidence is available on the prese of derelict/contaminated sites within/adjacent to these centres.									
E7. To protect, improve and	0	0	0	Medium	N/A	N/A					
where necessary, restore the quality of inland, and estuarine waters.	Comments Unlikely to	<u>s:</u> have any siç	nificant effe	cts.							
E8. To protect, and where necessary, improve local air quality.	+	+	+	Low	Local	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	Propose measures to manage any increase in town centre traffic			
	Comments: The preferred option would direct services and facilities to Huyton, Kirkby and Prescot town centres. As noted in the Knowsley Town Centre and Shopping Study, access to each of these centres by public transport is good. The preferred option would also direct appropriate shopping and service provision to Knowsley's district and local centres. This should help people to meet their needs locally and thereby reduce the amount of journeys out of the Borough for comparison and convenience retail. This could have some positive impact on air quality outside of the Borough. The additional investment in Knowsley's centres may however increase the amount of vehicular movements within these areas which could have a negative impact on air quality in these areas. Therefore, there is only a low level of certainty about the impact of the preferred option on this objective.										
E9. To use water and mineral resources prudently and efficiently.	O Comments Unlikely to	0 <u>s:</u> have any sig	0 gnificant effe	Medium cts.	N/A	N/A					
E10. To reduce the need to travel and improve choice and use of	+	+	+	Medium	Local	Long term	Secondary impacts on congestion, air quality and carbon emissions.				

CS6: Town Centres and R	etail Stra	itegy										
		Timescale				Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
more sustainable transport mode.	access to e	red option wo each of these entres. This	e centres by should help	public transport is people to meet th	s good. The pre leir needs local	ferred option would ly and thereby reduc	own centres. As noted in the Knowsley T also direct appropriate shopping and ser ce the amount of journeys out of the Bord encouraging sustainable transport use.	vice provision to Knowsley's district				
E11. To minimise the production of waste and increase reuse, recycling and recovery rates.	Comments				I IV/A	IV/A						
Economic												
EC1. To improve the competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	Comments The preferr positive im	+ ++ ++ Medium Local Long term Comments: The preferred option would direct investment to Knowsley's centres and would support opportunities for regeneration in the Borough. This could have a significant positive impact on the objective of increasing the number of new businesses and the sub-objective of increasing commercial floorspace. This impact will increase as the Plan's proposals take effect.										
EC2. To enhance the vitality and viability of town and local centres.	service pro	red option w	h of these c	entres. It is envisa	aged that this w		Secondary impacts on perceptions of the area. and local centres. In particular, there wou positive impact on the objective and its su					
EC3. Maintain high and stable levels of employment and reduce long-term unemployment.	of shopping areas and improving community facilities. +											
Sustainability Summary												

CS6: Town Centres and Retail Strategy										
Timescale Nature of Effect										
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		

The preferred option would have a positive impact on a wide range of social, environmental and economic objectives. By directing investment to Knowsley's town, district and local centres it is envisaged that the preferred option would have a major positive impact on the objectives relating to enhancing the vitality and viability of town and local centres and exploiting the growth potential of business sectors and increase the number of new businesses. Given that each of the Borough's town centres is accessible by public transport and that the preferred option would also lead to appropriate shopping and service provision in Knowsley's district and local centres, it is considered that the preferred option would also have some positive impact on the objectives relating to poverty and deprivation; access to goods, services and amenities; health; education; mitigating climate change; air quality; and reducing the need to travel and improving the use of more sustainable transport modes.

By enhancing the vitality and viability of Knowsley's centres, the preferred option is likely to increase the amount of activity in these centres and thereby have a positive impact on the objective of reducing crime and fear of crime. The investment in Knowsley's centres, particularly Prescot town centre, could also result in some positive impact on the objective to preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features. The preferred option would also have some positive impact on the objectives relating to housing; protecting land and soil; and maintaining high and stable levels of employment. It is however considered that the degree to which these employment opportunities will be attainable for the long-term unemployed is uncertain.

The preferred option would result in significant investment being directed to Knowsley's town centres. The SFRA noted that surface water flooding incidents in the Borough are predominantly associated with highway flooding and are prevalent in all major conurbations within the Council's boundaries, including Halewood, Huyton, Prescot, Knowsley Village and Kirkby. Nevertheless, other policies in the Core Strategy should ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk. It is therefore considered that the preferred option is unlikely to have any significant impact on the objective relating to adapting to climate change.

There are no negative or uncertain impacts on the sustainability objectives.

Key for effects											
++ major positive;	+ minor positive;	0 neutral;	minor negative;	– major negative;	? uncertain						

CS7: Transport Networks									
		Timescale)			Nature of Eff	fect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
Social									
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Improved quality of life.		
economic inclusion.	Comments: The preferred option seeks to ensure that the Borough has a sustainable transport system that enables people to get to where they need to go by walkir and public transport. It also requires new development to be located and designed to promote accessibility and stipulates that larger scale proposals (whinclude major employment-led developments) should be located in the most accessible locations. It is therefore considered that the preferred option could be poverty and social exclusion by ensuring that employment and training opportunities are physically accessible. In conclusion, it is therefore considered preferred option has the potential to have a positive impact on the objective and its sub-objective of improving rates of economic activity.								
S2. To improve local accessibility of goods, services	+	+	+	Medium	Borough wide	Long term	Improved quality of life.		
and amenities and reduce community severance.	and public located in	red option se transport. I	stem that enables people to get to whe o promote accessibility and stipulates oftion could have some positive impact of	that larger scale proposals should be					
S3. To improve safety and	0	0	0	Medium	N/A	N/A			
reduce crime, disorder and fear of crime.	Comments: The preferred option is unlikely to have any significant effects on crime or fear of crime. It does nevertheless state that the Council will support a transport syste enhances road safety. It is therefore envisaged that the preferred option would have some positive impact on the sub-objective of improving road safety. However, considered that overall the preferred option would have no significant effects on the objective.								
S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in decision-making.	O Comments Unlikely to	0 <u>s:</u> have any siç	0 gnificant effe	Medium cts.	N/A	N/A			
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term	Improved quality of life		

		Timescale)			Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
	Comments: The preferred option seeks to develop a transport system that enables people to get to where they need to go by walking and cycling by delivering an enhanced provision of walking and cycling routes as part of the Green Infrastructure network. This may encourage increased participation and thereby have some positive impact on health.											
S6. To provide good quality,	0	0	0	Medium	N/A	N/A						
affordable and resource efficient	Comments											
housing.	Unlikely to	have any sig	nificant effe		1	1	_					
S7. To improve educational attainment, training and	+	+	+	Medium	Borough wide	Long term	Reduced deprivation.					
learning and employability.	Comments: The preferred option seeks to ensure that the Borough has a sustainable transport system and stipulates that larger scale proposals (which would include major employment-led developments) should be located in the most accessible locations. It is therefore considered that the preferred option could help ensure that employment and training opportunities are physically accessible. In conclusion, it is therefore considered that the preferred option has the potential to have a positive impact on the objective and its sub-objective of increasing educational achievement.											
	employme employme	nt-led develont and trainir	opments) sh ng opportuni	ould be located ties are physically	in the most ac accessible. In	ccessible locations. conclusion, it is the	It is therefore considered that the p	referred option could help ensure that				
S8. To preserve, enhance and	employme employme	nt-led develont and trainir	opments) sh ng opportuni	ould be located ties are physically	in the most ac accessible. In	ccessible locations. conclusion, it is the	It is therefore considered that the p	referred option could help ensure that				
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	employme employme impact on 0	nt-led develont and trainir the objective	opments) sh ng opportuni and its sub- 0	ould be located ties are physically objective of increa	in the most accessible. In asing education	ccessible locations. conclusion, it is the nal achievement.	It is therefore considered that the p	referred option could help ensure that				
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas,	employme employme impact on 0	nt-led develont and trainir the objective 0	opments) sh ng opportuni and its sub- 0	ould be located ties are physically objective of increa	in the most accessible. In asing education	ccessible locations. conclusion, it is the nal achievement.	It is therefore considered that the p	referred option could help ensure that				
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features. Environment E1. To protect, enhance and	employme employme impact on 0	nt-led develont and trainir the objective 0	opments) sh ng opportuni and its sub- 0	ould be located ties are physically objective of increa	in the most accessible. In asing education	ccessible locations. conclusion, it is the nal achievement.	It is therefore considered that the p	referred option could help ensure that				
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features. Environment	employme employme impact on 0 Comments Unlikely to 0 Comments	nt-led develor develor and training the objective 0 S: have any sign	opments) shing opportunity and its sub-	ould be located ties are physically objective of increase Medium cts.	in the most accessible. In asing education N/A	ccessible locations. conclusion, it is the nal achievement. N/A	It is therefore considered that the p	referred option could help ensure th				

CS7: Transport Networks									
		Timescale	;			Nature of Eff	iect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to	<u>:</u> have any siç	gnificant effe	cts.					
E3. To adapt to climate change including flood risk.	O Comments Unlikely to	0 <u>:</u> have any siç	0 gnificant effe	Medium cts.	N/A	N/A			
E4. To mitigate climate change including using energy prudently	++	++	++	Medium	Borough wide	Long term			
and efficiently and increasing energy generated from renewable sources.	to prioritise accessible the Mersey considered	red option se sustainable locations an	modes of trades that d states that ne, and the d ferred option	avel through a cho the Council will of elivery of an enha	oice of walking, give priority to s anced provisior	cycling and public t chemes that provide of walking and cycl	t modes by ensuring new development in ransport. It requires larger scale propose for improvements to the rail network, exing routes as part of the Green Infrastrumable modes of transport and could ther	sals to be located in the most enhanced provision for buses, line 1 of acture network. It is therefore	
E5. To provide, conserve, maintain and enhance green infrastructure.	O Comments Unlikely to	0 <u>:</u> have any sig	0 gnificant effe	Medium cts.	N/A	N/A			
E6. To protect, manage and restore land and soil quality.	+	+	+	Low	Borough wide	Long term			
	Comments: The preferred option requires new development to be in compliance with adopted maximum parking standards. This could reduce the amount of land t for parking.								
E7. To protect, improve and where necessary, restore the quality of inland, and estuarine waters.	O Comments Unlikely to	0 <u>:</u> have any siç	0 gnificant effe	Medium cts.	N/A	N/A			

CS7: Transport Networks									
		Timescale)			Nature of Eff	ect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.		
	The preferr to prioritise accessible the Mersey considered associated	Comments: The preferred option seeks to improve the choice and use of more sustainable transport modes by ensuring new development is required to be located and designed to prioritise sustainable modes of travel through a choice of walking, cycling and public transport. It requires larger scale proposals to be located in the most accessible locations and states that the Council will give priority to schemes that provide for improvements to the rail network, enhanced provision for buses, line 1 of the Mersey tram scheme, and the delivery of an enhanced provision of walking and cycling routes as part of the Green Infrastructure network. It is therefore considered that the preferred option has the potential to support the shift to more sustainable modes of transport and could thereby help reduce car use and the associated air-borne emissions. The preferred option also states that the Council will support the electrification of existing rail lines which could have some positive impact on local air quality.							
E9. To use water and mineral	0	0	0	Medium	N/A	N/A			
resources prudently and	Comments								
efficiently.	Unlikely to	have any sign	gnificant effe	cts.					
E10. To reduce the need to travel and improve choice and use of more sustainable transport	++	++	++	Medium	Borough wide	Long term	Secondary impacts on social exclusion, congestion, air quality and carbon emissions.		
mode.	Comments	:		L	L	l.			
	The preferred option seeks to improve the choice and use of more sustainable transport modes by ensuring new development is required to be located and designed to prioritise sustainable modes of travel through a choice of walking, cycling and public transport. It requires larger scale proposals to be located in the most accessible locations and states that the Council will give priority to schemes that provide for improvements to the rail network, enhanced provision for buses, line 1 of the Mersey tram scheme, and the delivery of an enhanced provision of walking and cycling routes as part of the Green Infrastructure network. It is therefore considered that the preferred option would have a major positive impact on this objective.								
E11. To minimise the production	0	0	0	Medium	N/A	N/A			
of waste and increase reuse, recycling and recovery rates.	Comments: Unlikely to have any significant effects.								
Economic									
EC1. To improve the competitiveness and	+	+	+	Medium	Borough wide	Long term			

CS7: Transport Networks										
	•	Timescale)			Nature of Eff	fect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.		Comments: A key aim of the preferred option is to support the economy by facilitating the efficient movement of people and goods within the Borough. The preferred option herefore has the potential to have a positive impact on the competitiveness of businesses in Knowsley.								
EC2. To enhance the vitality and	0	0	0	Medium	N/A	N/A				
viability of town and local centres.	Comments Unlikely to	<u>::</u> have any sig	gnificant effe	cts.						
EC3. Maintain high and stable levels of employment and reduce	+	+	+	Medium	Borough wide	Long term	Improved quality of life.			
long-term unemployment.	Comments: The preferred option seeks to ensure that the Borough has a sustainable transport system that enables people to get to where they need to go by walking, cycli and public transport. It also requires new development to be located and designed to promote accessibility and stipulates that larger scale proposals (which wou include major employment-led developments) should be located in the most accessible locations. It is therefore considered that the preferred option could help redu long-term unemployment by ensuring that employment and training opportunities are physically accessible from all parts of the Borough. In conclusion, it is therefore considered that the preferred option has the potential to have a positive impact on the objective.									

Sustainability Summary

The preferred option relating to Transport Networks would have a largely positive impact on the sustainability objectives. The preferred option would improve the choice and use of more sustainable transport modes, require larger scale proposals to be located in the most accessible parts of the Borough and give priority to schemes that provide for improvements to the rail network, enhanced provision for buses, line 1 of the Mersey tram scheme, and the delivery of an enhanced provision of walking and cycling routes as part of the Green Infrastructure network. It is therefore envisaged that the preferred option would have a major positive impact on the objectives relating to mitigating climate change and improving the use of more sustainable modes of transport, and some positive impact on the objective of protecting air quality.

The preferred option seeks to ensure that the Borough has a sustainable transport system that enables people to get to where they need to go by walking, cycling and public transport. It is therefore anticipated that the preferred option would improve access to services and facilities and thereby have a positive impact on the objectives relating to poverty and deprivation; community severance; health inequalities; and educational attainment. It is also considered that the preferred option would have a positive impact on the economic objectives relating to the competitiveness of businesses in Knowsley and maintaining high and stable levels of employment.

There are no negative or uncertain impacts on the sustainability objectives and, as such, no mitigation measures are proposed.



CS8: Green Infrastructure										
	'	Timescale	•			Nature of Eff	fect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
Social										
S1. To reduce poverty and social deprivation and secure	+	+	+	Low	Borough wide	Long term	Secondary impacts on unemployment and inequality.			
economic inclusion.	The provis	Comments: The provision of an enhanced green infrastructure network within the Borough may increase the desirability of Knowsley as a destination for investment. The preferred option could therefore have some positive impact on the objective. Nevertheless, it is recognised that a large range of factors influence the investment decisions of businesses and it is therefore considered that the certainty of this impact is low.								
S2. To improve local accessibility of goods, services	+	+	+	Medium	Borough wide	Long term				
and amenities and reduce community severance.	Comments: The preferred option seeks to protect and enhance a network of links between residential areas, existing strategic areas of greenspace, employment locations, lo community services and leisure facilities, through the creation of green paths and cycleways. The preferred option may therefore have some positive impact on accessibility of goods, services and amenities.									
S3. To improve safety and	0	0	0	Medium	N/A	N/A				
reduce crime, disorder and fear of crime.	Comments Unlikely to	<u>s:</u> have any sig	nificant effe	cts.						
S4. To support voluntary and	0	0	0	Medium	N/A	N/A				
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments Unlikely to	<u>s:</u> have any siç	gnificant effe	cts.						
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term	Improved quality of life			
	Comments: The preferred option seeks to protect, manage and enhance the Borough's green infrastructure network in order to, amongst other things, provide opportunities for sport and recreation within walking distance of housing, employment, health and education facilities. These recreational opportunities can deliver improvements to the health of the population. The preferred option also states that the existing and new public open spaces will be protected, maintained and improved which could have some positive impact on air pollution and thereby result in health benefits for those who suffer from respiratory illnesses.									
S6. To provide good quality,	0	0	0	Medium	N/A	N/A				

CS8: Green Infrastructure												
	•	Timescale)									
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
affordable and resource efficient housing.		<u>Comments:</u> Unlikely to have any significant effects.										
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	O Comments Unlikely to	0 <u>s:</u> have any siç	0 gnificant effe	Medium cts.	N/A	N/A						
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	enhance th	- s network of ne Borough's	green infras	structure network	in order to, am	ongst other things, p	Improved perceptions of the Borough. er of parts of the Borough. The preferred preserve the character and function of the diversity of cultural, historic and archaed	ne historic environment. It is therefore				
Environment												
E1. To protect, enhance and manage the local character and	++	++	++	High	Borough wide	Long term	Improved perceptions of the Borough					
accessibility of the landscape and countryside across Knowsley.	A key aim leisure and therefore e of open sp	Comments: A key aim of the preferred option is to protect and enhance strategically important greenspaces and improve accessibility for communities to greenspace offering leisure and recreation opportunities. The preferred option also seeks to provide an appropriate quantity and improved quality of locally important open spaces. It is therefore envisaged that the preferred option has the potential to have a major positive impact on the objective and its sub-objectives of providing the required amount of open space; improving the quality of open space; and providing open space in accessible locations. The way this policy has been integrated into the Plan ensures a high level of confidence in its performance.										
E2. To protect, enhance and manage biodiversity, the viability	++	++	++	Medium	Borough wide	Long term	Improved perceptions of the Borough	Include a direct reference to protected and endangered species.				

CS8: Green Infrastructure									
		Timescale)						
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments: The preferred option acknowledges the importance of green infrastructure for sustaining and promoting biodiversity. It states that in order to ensure the green infrastructure fulfils this role, the primary focus will be on, amongst other things, maximising opportunities to protect, enhance introduce biodivers areas of green infrastructure; protecting and improving water courses and biodiversity assets; and creating a network of strategic green links which fun ecological frameworks promoting unrestricted movement of wildlife. It is therefore considered that the preferred option has the potential to have a majo impact on this objective and its sub-objectives of conserving and enhancing the natural environment and improving the delivery of biodiversity targets at Ecological Framework. It is however noted that the preferred option does not contain any specific reference to protected and endangered species and the level of certainty that the preferred option would have a major positive impact on the objective.								
E3. To adapt to climate change including flood risk.	that the Bo that provid the preferr temperatur	red option actrough's greetes mitigation worder that are a contion wores that are a	en infrastruct and adaptat ould provide p anticipated as	ure fulfils this role tion to climate cha protection to exist	e, the primary for ange, such as s ing open space	ocus will be on, amor sustainable drainage e. This open space is	the effects of climate change and flood ngst other things, delivering new integra systems, carbon capture and storage, a s likely to be increasingly important for m I that the preferred option would have a	ted and functional green infrastructure and green roofs. It is also noted that nitigating the higher summer	
E4. To mitigate climate change including using energy prudently and efficiently and increasing energy generated from renewable sources.	objective b	red option wo y leading to s and cycle	the removal	of carbon dioxide	from the atmos	sphere. In addition, t	tructure network in Knowsley, which ma he preferred option seeks to improve lin ve a positive impact on the objective an	ks within the Borough by creating	
E5. To provide, conserve, maintain and enhance green	++	++	++	High	Borough wide	Long term			

CS8: Green Infrastructure								
		Timescale	•			Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
infrastructure.	important of biodiversity option wou	bjective of the greenspaces y into existing ald have a ma	; protecting, g areas of gr ajor positive	maintaining and e een infrastructure impact on the obj al Framework.	enhancing exist e; and delivering ective and its s	ing open space, wa g new integrated and ub-objectives of imp	infrastructure by, amongst other things, tercourses and biodiversity assets; maxi d functional green infrastructure. It is the proving the size and quality of the green	mising opportunities to introduce refore envisaged that the preferred
E6. To protect, manage and restore land and soil quality.	+	+	+	Medium	Borough wide	Long term		
	positive im	red option se pact on the a	aspect of the	objective that rel	portant greenspates to protecti	ng and managing la		ion should therefore have some
E7. To protect, improve and where necessary, restore the	+	+	+	Medium	Borough wide	Long term	Secondary impacts on biodiversity.	
quality of inland, and estuarine waters.		red option se					urages a series of measures that may re ustainable drainage systems.	duce the likelihood of surface water
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	
	Comments The prefer encourage	red option s	eeks to impr I cycling as a	ove links within th In alternative to tr	ne Borough by car.	creating green paths The preferred optio	s and cycle ways. It is therefore consider on could thereby have some positive imp	ed that the preferred option could act on air quality.
E9. To use water and mineral	0	0	0	Medium	N/A	N/A		
resources prudently and efficiently.	Comments Unlikely to	<u>:</u> have any sig	gnificant effe	cts.				
E10. To reduce the need to travel and improve choice and use of	+	+	+	Medium	Borough wide	Long term	Secondary impacts on congestion, air quality and carbon emissions.	
more sustainable transport mode.		ed option se					and cycle ways. It is therefore considere ling as an alternative to travelling by car	

		Timescale)					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
E11. To minimise the production of waste and increase reuse, recycling and recovery rates.	O Comments Unlikely to	0 <u>s:</u> have any sig	0 gnificant effe	Medium cts.	N/A	N/A		
Economic								
EC1. To improve the competitiveness and	+	+	+	Low	Borough wide	Long term	Secondary impacts on unemployment and inequality.	
productivity of business, exploit the growth potential of business	Comments The provis	_	ancod aroo	a infractructura na		5		
sectors and increase the number	preferred o	option could t	herefore hav	e some positive i	mpact on the a	spect of the objective	ease the desirability of Knowsley as a de re that relates to increasing the number es and it is therefore considered that the	of new businesses. Nevertheless, it is
sectors and increase the number of new businesses. EC2. To enhance the vitality and	preferred o	option could t	herefore hav	e some positive i	mpact on the a	spect of the objective	ve that relates to increasing the number	of new businesses. Nevertheless, it is
sectors and increase the number of new businesses. EC2. To enhance the vitality and viability of town and local	preferred of recognised O Comments	option could to that a large O	herefore have range of factors	ve some positive i tors influence the Medium	mpact on the a investment de	spect of the objective cisions of businesse	ve that relates to increasing the number	of new businesses. Nevertheless, it is
sectors and increase the number of new businesses.	preferred of recognised O Comments	option could to that a large 0	herefore have range of factors	ve some positive i tors influence the Medium	mpact on the a investment de	spect of the objective cisions of businesse	ve that relates to increasing the number	of new businesses. Nevertheless, it is

CS8: Green Infrastructure								
	Timescale	;			ect			
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation

The preferred option for green Infrastructure would have a positive impact on a large number of objectives, particularly those relating to environmental issues. In particular, it is considered that the preferred option would have a major positive impact on the objectives relating to landscape character and accessibility; biodiversity; adapting to climate change; and green infrastructure. By providing opportunities for sport and recreation the preferred option may also have some positive impact on the objective relating to health and the creation of green paths and cycle ways could encourage walking and cycling as an alternative to travelling by car and thereby have a positive impact on the objectives relating to mitigating climate change; air quality; and the use of more sustainable transport modes.

The protection afforded to open spaces and watercourses ensures that the preferred option should have some positive impact on the objectives of protecting land and soil; and water quality. In addition, the provision of an enhanced green infrastructure network within the Borough may increase the desirability of Knowsley as a destination for investment which would have a positive impact on the objectives relating to poverty and deprivation; business competitiveness; and high and stable levels of employment. It is however acknowledged that there is only a low level of certainty about the impact on these three objectives. It is also anticipated that the preferred option would have a positive impact on the objective to Knowsley's built heritage.

There are no negative or uncertain impacts on the sustainability objectives. It is however considered that the level of certainty that the preferred option would have a major positive impact on the objective relating to biodiversity could be improved by the incorporation of a direct reference to protected and endangered species.

Key for effects
++ major positive; + minor positive; 0 neutral; - minor negative; -- major negative; ? uncertain

A2.	SUSTAINABILITY APPRAISAL OF THE PRINCIPAL REGENERATION AREAS

CS9: Principal Regenerati	on Area	– North I	Huyton a	nd Stockbrid	dge Village			
	•	Timescal	е			Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
Social								
S1. To reduce poverty and social	++	++	++	Medium	Local	Long term	Improved quality of life.	
deprivation and secure	Comments	_						
economic inclusion.							e provision of new housing development	
							e and community facilities. Education and	
							o-objective of improving rates of economic	
							pact on the sub-objective of improving hea	alth. It is therefore considered that the
S2. To improve local	+ +	í	+ +	have a major po Medium			Improved quality of life	Ī
accessibility of goods, services	Comments	++	++	Medium	Local	Long term	Improved quality of life.	
and amenities and reduce			nt heal blun	the provision of n	ow rotail loisur	and community fa	cilities in Stockbridge Village. In addition,	it is noted that a refurhished Drimary
community severance.							he preferred option would have a positive	
			community fa			io concidered that the	no prototrou option would have a postave	impact on the objective and the oab
S3. To improve safety and	+	+	+	Medium	Local	Long term	Improved perceptions of the area	
reduce crime, disorder and fear	Comments	<u>:</u>						
of crime.							dge Village district centre. The preferred	
							and natural surveillance in this area. In a	
				entre. It is therefo	ore considered	that the preferred op	otion would have a positive impact on the	objective and its sub-objective of
04.7	<i>J</i>	rime and fea	1	N 4 11	N1/A	N1/A		T
S4. To support voluntary and	0	0	0	Medium	N/A	N/A		
community networks, assist social exclusion and ensure	Comments	_	anificant offo	oto				
community involvement in	Unlikely to	nave any si	gnificant effe	CIS.				
decision-making.								
S5. To improve health and	+	+	+	Medium	Local	Long term	Improved quality of life.	
reduce health inequalities.	Comments	·	<u> </u>	Modium	20001	Long tom		<u> </u>
		_	listed as a ke	ey issue facina No	orth Huyton and	d Stockbridge Villag	e. The preferred option would result in the	e provision of new housing, public
							purage walking and cycling. It is therefore	
							n the objective and its associated sub-objective	

CS9: Principal Regenerati	on Area -	- North H	luyton a	nd Stockbric	lge Village					
		Timescale)			Nature of Ef	fect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
S6. To provide good quality, affordable and resource efficient housing.	needs. It is Village are	red option we therefore er characterise	nvisaged tha ed by a very	t the preferred op high proportion of	tion would have socially rented	e a major positive im	Improved quality of life. e provision of new housing development in a pact on the objective. In addition, given a laso envisaged that the preferred option ire mix.	that North Huyton and Stockbridge		
S7. To improve educational attainment, training and opportunities for lifelong learning and employability. S8. To preserve, enhance and manage Knowsley's rich	community has the pot	low level of education a tential to hav	nd training fa	acilities in Stockbi	ridge Village ce	ntre. Accordingly, th	and Stockbridge Village. The preferred on the provision of these facilities, it is easing educational attainment.			
diversity of cultural, historic and archaeological buildings, areas, sites and features. Environment	Comments: The preferred option document acknowledges that there are pockets of historically important townscape within Huyton and Stockbridge Village. Nevertheless, these are not located within, or in close proximity to, the Principal Regeneration Area. As a result, it is envisaged that the preferred option is unlikely to have any significant impact on the objective.									
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.		ed option w					Increased recreation opportunities and secondary impacts on health. green infrastructure network. As a result, mount of open space; and providing open			
E2. To protect, enhance and manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to		O gnificant effe	Medium cts.	N/A	N/A				

CS9: Principal Regenerati	on Area -	- North H	luyton a	nd Stockbrid	lge Village							
		Fimescal e	•			Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
E3. To adapt to climate change including flood risk.	0	0	0	Medium	Local	Long term		Other policies in the Core Strategy will ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk.				
	The SFRA risk. Never Furthermor temperatur lowest risk	Comments: The SFRA has demonstrated that parts of the Principal Regeneration Area are within Flood Zones 2 and 3a. It is likely that climate change will exacerbate this flood risk. Nevertheless, the supporting text to the preferred option states that the level of housing to be provided in the area must take flood management into account. Furthermore, the provision of public open space may reduce rates of surface water run-off and are likely to be increasingly important for mitigating the higher summer temperatures that are anticipated as a result of climate change. In addition, other policies in the Core Strategy will ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk. It is therefore considered that the preferred option would have no significant impact on the objective.										
E4. To mitigate climate change including using energy prudently	?	?	?	Low	Borough wide	Long term						
and efficiently and increasing energy generated from renewable sources.	balance the lead to tran	uction and o housing masport sport provis	arket to meet ion, incorpor	t local needs. In a ating public trans	ddition, the new port, walking ar	w housing would be nd cycling. As a resu	ssions. Nevertheless, it is recognised that built to higher standards of energy efficiently, it is considered that the preferred option pact on carbon emissions from the transp	ency. The preferred option would also on has the potential to result in some				
E5. To provide, conserve,	+	+	+	Medium	Local	Long term		John Sector.				
maintain and enhance green infrastructure.	Comments The prefer	: red option w	ould result ir	the provision of	public open spa	aces within a wider q	I green infrastructure network. As a result, ective of improving the size and quality of					
E6. To protect, manage and	+	+	+	Low	Local	Long term						
restore land and soil quality.	Accordingly It is not how	ed option wo	dered that the ied whether	e preferred option there are areas of	is likely to hav f derelict and/or	ė some positive imp	ock and this is likely to result in housing be act on the sub-objective of directing new within the Principal Regeneration Area. As objective.	housing to previously developed land.				

CS9: Principal Regenerati	on Area	- North H	luyton a	nd Stockbric	lge Village			
		Timescale				Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
E7. To protect, improve and	0	0	0	Medium	N/A	N/A		
where necessary, restore the quality of inland, and estuarine waters.	Comments Unlikely to		gnificant effe	cts.				
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Local	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	
	preferred o	o enhance poption involve	es transport p	orovision, incorpo	rating public tra	insport, walking and i. Accordingly, it is c	ture are identified as key issues facing Hu cycling. As a result, it is considered that to onsidered that the preferred option may h	the preferred option has the potential
E9. To use water and mineral	?	?	?	Low	Local	Long term		
resources prudently and efficiently.	there is an	uction and o	ed to re-bala	ance the housing	market to meet	local needs. In add	nevitably result in water and mineral use. ition, the new housing would be built to hi the uncertain performance of the policy o	gher environmental standards. In
E10. To reduce the need to travel and improve choice and use of	+	+	+	Medium	Local	Long term	Secondary impacts on congestion, carbon emissions and air quality.	
more sustainable transport mode.	was also hi surrounding incorporation lead to the	o enhance p ighlighted in g areas and ng public tra provision of	the third Me that access nsport, walki new retail, le	rseyside Local Tra to employment fro ng and cycling, to eisure and commu	ansport Plan wom Huyton is on provide enhar unity facilities in	hich noted that Huyt ne of the Borough's iced linkages within i Stockbridge Village	ture are identified as key issues facing Hu ion and Stockbridge Village are characteri key accessibility issues. The preferred op the area and with surrounding areas. Furl which may reduce the need to travel out citive of encouraging sustainable transport	ised by high levels of commuting to tion involves transport provision, thermore, the preferred option would of the area. It is therefore considered
E11. To minimise the production	0	0	0	Medium	N/A	N/A		
of waste and increase reuse,	Comments)						
recycling and recovery rates.	Unlikely to	have any si	gnificant effe	cts.				
Economic								

CS9: Principal Regenerati						Nature of Ef	foot	
		Timescale	9			Nature of Et	i de la companya de	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
EC1. To improve the competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	O Comments Unlikely to		0 gnificant effe	Medium ects.	N/A	N/A		
EC2. To enhance the vitality and viability of town and local centres.	result in the the preferre preferred o	ormance and e provision o ed option wo ption also sp	of new leisure buld have sor pecifies that	e, community, edu me positive impac the retail provision	cation and train t on the vitality n would be of a	ning facilities and loo and viability of this of scale and function w	Improved perceptions of the area. cal centres in Huyton and Stockbridge Valoretail provision in Stockbridge Village district centre and the sub-objective of imwhich meets the needs of the area. As sulocal centres in Knowsley.	centre. It is therefore considered that proving community facilities. The
EC3. Maintain high and stable levels of employment and reduce long-term unemployment.	education a is therefore	on and Stoc and training considered	facilities in S	itockbridge Village ferred option coul	e centre. In add	ition, measures wou	Reduced deprivation. essness. The preferred option would lead to be taken to enhance linkages within the pportunities and thereby have a positive	ne area and with surrounding areas. It

CS9: Principal Regeneration Area – North Huyton and Stockbridge Village											
SA Objective	0-5 years	o o o o o o o o o o o o o o o o o o o									

The preferred option for North Huyton and Stockbridge Village would have a positive impact on a wide range of objectives. In particular, by providing new housing development of a range of types suitable for local needs and also leading to the enhanced provision of retail, leisure and community facilities, the preferred option would have a major positive impact on the objectives relating to deprivation and social exclusion; access to goods, services and amenities; and housing, and some positive impact on the objectives relating to health and educational attainment.

The preferred option would result in the provision of public open spaces within a wider green infrastructure network. It is therefore envisaged that the preferred option would have a positive impact on the objectives relating to landscape and green infrastructure. The proposed transport provision, including public transport, walking and cycling, should also ensure that the preferred option has some positive impact on the objectives relating to air quality and the use of more sustainable transport mode. The investment that would be directed to Stockbridge Village centre together with the specification that the retail provision in this centre must be of a scale and function which meets the needs of the area should ensure that the preferred option has a positive impact on the objective relating to the vitality and viability of town and local centres. It is also envisaged that the preferred option would have some positive impact on the objectives relating to crime and fear of crime; protecting land and soil; and reducing long-term unemployment.

There are no anticipated negative impacts on the sustainability objectives. Nevertheless, it is considered that the preferred option would have an uncertain impact on the objectives relating to mitigating climate change and the use of water and minerals due to the environmental impacts associated with the construction and operation of the built development proposed by the preferred option. It is however recognised that there is an identified need to re-balance the housing market to meet local needs. In addition, the new development would be built to higher environmental standards.

The SFRA has demonstrated that parts of the Principal Regeneration Area are within Flood Zones 2 and 3. It is likely that climate change will exacerbate this flood risk. Nevertheless, as other policies in the Core Strategy will ensure that appropriate measures are taken to ensure flood risk is managed, it is considered that the preferred option would have no significant impact on the objective.

Key for effects											
++ major positive;	+ minor positive;	0 neutral;	minor negative;	– major negative;	? uncertain						

CS10: Principal Regenera	tion Area	ı – Kirkby	y Town C	entre									
		Timescale)			Nature of Ef	fect						
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation					
Social													
S1. To reduce poverty and social deprivation and secure	+	+	+	Low	Local	Long term	Improved quality of life.	Include proposals to improve access to training.					
economic inclusion.	The propose	Comments: The proposed town centre uses would generate some employment opportunities and thereby have a positive impact on the sub-objective of improving rates of economic activity. Nevertheless, there is only a low level of certainty that the preferred option would have a positive impact on the objective as the preferred option does not seek to address low skills/training and, as a result, it is not clear whether these employment opportunities would be accessible to all sections of the											
S2. To improve local accessibility of goods, services	+	+	+	Medium	More than local	Long term	Improved quality of life.						
and amenities and reduce community severance.	Comments: The preferred option would result in the provision of a wide range of uses in Kirkby town centre, including comparison and convenience retail floorspace, key services, leisure facilities and enhancements to the evening economy. In addition, it would also result in a number of measures to improve access to the town centre. As a result, it is envisaged that the preferred option would have a positive impact on the objective and the sub-objective of improving community facilities.												
S3. To improve safety and	+	+	+	Low	Local	Long term	Improved perceptions of the area.						
reduce crime, disorder and fear of crime.	The preferresult, it is preferred of	Comments: The preferred option would result in the provision of a mix of uses in Kirkby town centre and would include uses that enhance the evening economy of the area. A result, it is envisaged that the preferred option would result in increased levels of activity and natural surveillance in the town centre. It is therefore considered that preferred option has the potential to reduce crime and fear of crime. It is however acknowledged that there is only a low level of certainty regarding the impact on objective of increased surveillance.											
S4. To support voluntary and	0	0	0	Medium	N/A	N/A							
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments: Unlikely to have any significant effects.												
S5. To improve health and	+	+	+	Medium	Local	Long term	Improved quality of life.						
reduce health inequalities.		ed option w					nk the town centre with other areas of Ki positive impact on the objective and its a						

CS10: Principal Regenera	tion Area	– Kirkby	/ Town C	entre								
		Timescale				Nature of Eff	ect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
S6. To provide good quality,	0	0	0	Medium	N/A	N/A						
affordable and resource efficient housing.		Comments: Unlikely to have any significant effects.										
S7. To improve educational attainment, training and	0	0	0	Medium	N/A	N/A		Include proposals to improve access to training.				
opportunities for lifelong learning and employability.	Relatively I	Comments: Relatively low levels of educational attainment are identified as a key issue facing Kirkby. However, the proposals in the preferred option do not directly seek to address this. It is therefore considered that the preferred option would have no significant effect on this objective.										
S8. To preserve, enhance and	?	?	?	Low	Local	Long term						
manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments: Increased footfall in Kirkby town centre as a result of the development proposed, particularly by people travelling by train, may impact on the character of Old Hall Conservation Area. But the extent of this impact is unclear. It is therefore considered that the impact of the preferred option on the objective is uncertain.											
Environment												
E1. To protect, enhance and	0	0	0	Medium	N/A	N/A						
manage the local character and accessibility of the landscape and countryside across Knowsley.	Comments: Unlikely to have any significant effects.											
E2. To protect, enhance and	0	0	0	Medium	N/A	N/A						
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to		nificant effe	cts.								

CS10: Principal Regenera				entre				
		Timescale	•			Nature of Eff	iect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
E3. To adapt to climate change including flood risk.	0	0	0	Medium	Local	Long term		Ensure flood risk is taken into account when considering development locations within Kirkby town centre. Other policies in the Core Strategy will ensure that appropriate measures are taken to prevent new development from exacerbating flood risk.
	are predon likely to ex- exacerbate	red option wo ninantly asso acerbate floo eflood risk. I	ociated with hod risk. Neve t is therefore	nighway flooding a rtheless, other po considered that t	and are prevale licies in the Co he preferred op	nt in all major conur re Strategy will ensu tion would have no	centre. The SFRA noted that surface we bations within the Council's boundaries are that appropriate measures are taken significant impact on the objective.	, including Kirkby. Climate change is
E4. To mitigate climate change including using energy prudently	?	?	?	Low	Borough wide	Long term		
and efficiently and increasing energy generated from renewable sources.	necessary preferred of potential de result in so uncertain s	uction and o to support th ption would elivery of the me modal sl core recogn	ne retail-led ralso lead to Merseytram hift to more sises the incre	egeneration of Ki the delivery of imp Line 1 and the coustainable modes ease in carbon en	kby town centroroved facilities reation of new for transport, whissions arising	e. In addition, the not for sustainable transcotpaths and cyclewhich would have so from the built devel	n dioxide emissions. Nevertheless, it is a ew development would be built to higher isport, including improvements to Kirkby ways. As a result, it is considered that the me positive impact on carbon emissions opment but also the mitigation measure	r standards of energy efficiency. The bus station, safeguarding the perferred option has the potential to sfrom the transport sector. The
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A		
maintain and enhance green infrastructure.	Comments Unlikely to	_	gnificant effe	cts.				
E6. To protect, manage and	+	+	+	Medium	Local	Long term	Improved perceptions of the area.	
restore land and soil quality.		ed option w			nt of some pre	viously developed si	ites around the town centre, such as the prelease greenfield sites for developme	

CS10: Principal Regenera	tion Area	– Kirkby	y Town C	entre							
		Timescale)			Nature of Eff	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E7. To protect, improve and	0	0	0	Medium	N/A	N/A					
where necessary, restore the quality of inland, and estuarine waters.	Comments: Unlikely to have any significant effects.										
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Local	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.				
	Merseytrar that the oth objective.	red option won Line 1 and ner aspects o	the creation of the preferr	of new footpaths	and cycleways	. Whilst it is noted the control of	g improvements to Kirkby bus station, sa hat the funding for delivering the Mersey ustainable modes of transport and, as a	tram is unsecured, it is considered			
E9. To use water and mineral	?	?	?	Low	Local	Long term					
resources prudently and efficiently.	recognised	uction and o	velopment is				on would inevitably result in water and m (irkby town centre. In addition, the new h				
E10. To reduce the need to travel and improve choice and use of	+	+	+	Medium	Local	Long term	Reduced congestion, carbon emissions and improved air quality.				
more sustainable transport mode.	Comments: The preferred option would deliver improved facilities for sustainable transport, including improvements to Kirkby bus station, safeguarding the potential deliver. Merseytram Line 1 and the creation of new footpaths and cycleways. Whilst it is noted that the funding for delivering the Merseytram is unsecured, it is consider that the other aspects of the preferred option should ensure that it has a positive impact on this objective and its sub-objective of encouraging sustainable transport.										
E11. To minimise the production	0	0	0	Medium	N/A	N/A					
of waste and increase reuse, recycling and recovery rates.	Comments: Unlikely to have any significant effects.										
Economic											
EC1. To improve the competitiveness and	+	+	++	Medium	More than local	Long term	Increased employment opportunities and reduced deprivation.				

CS10: Principal Regenera	tion Area	– Kirkby	/ Town C	entre						
		Timescale				Nature of Eff	fect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	convenience	ed option we ce retail in Ki	rkby town ce	entre would have	a positive impa	ct on the sub-object	by town centre. In addition, the proposed live of increasing commercial floorspace. Ingly significant as the Plan's proposals to	It is therefore considered that the		
EC2. To enhance the vitality and viability of town and local centres.	+	++	++	Medium	More than local	Long term	Improved perceptions of the area and the creation of an area that is more attractive to skilled workers.			
	The Knows preferred or provision of the evening integrated	Comments: The Knowsley Town Centres and Shopping Study identified significant deficiencies in comparison retail provision in Kirkby Town Centre. A key purpose of the preferred option is support the retail-led regeneration of Kirkby town centre in order to increase its vitality and viability. The preferred option would result in the provision of a wide range of uses in Kirkby town centre, including comparison and convenience retail floorspace, key services, leisure facilities and enhancements to the evening economy. In addition, the preferred option would result in the expansion of the existing town centre but would ensure that the existing town centre is well integrated with the expansion area. As a result, it is envisaged that the preferred option would have a positive impact on the vitality and viability of the town centre and the sub-objective of improving community facilities. This impact will increase as the Plan's proposals take effect.								
EC3. Maintain high and stable levels of employment and reduce long-term unemployment.	+ Comments	+	+	Low	Local	Long term		Include proposals to improve access to training.		
Contribution Comment	The proposed town centre uses would generate some employment opportunities and thereby have a positive impact on the sub-objective of reducing unemployment. Nevertheless, there is only a low level of certainty that the preferred option would have a positive impact on the objective as the preferred option does not seek to address low skills/training and, as a result, it is not clear whether these employment opportunities would be accessible to the long-term unemployed.									
Sustainability Summary										

CS10: Principal Regeneration Area – Kirkby Town Centre										
Timescale Nature of Effect										
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		

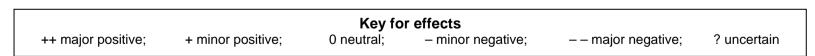
The preferred option would have a positive impact on a wide range of sustainability objectives. In particular, the preferred option would lead to the retail-led regeneration of Kirkby town centre and would lead to the provision of space for employment uses in the centre. It is therefore envisaged that the preferred option would have a major positive impact on the objectives relating to the enhancing the vitality and viability of town centres and increasing the number of new businesses.

The preferred option would result in the provision of facilities and employment opportunities in a location that is accessible from areas of deprivation. It is therefore considered that the preferred option has the potential to have a positive impact on the objectives relating to poverty and social exclusion; and reducing long-term unemployment. Nevertheless, there is only a low level of certainty that the preferred option would have a positive impact on the objective as it does not seek to address low skills/training and, as a result, it is not clear whether these employment opportunities would be accessible to the long-term unemployed. By not seeking to directly address low skills/training it is also considered that the preferred option would have no significant impact on the objective relating to educational attainment and employability.

The preferred option would deliver improved facilities for sustainable transport, including improvements to Kirkby bus station, safeguarding the potential delivery of the Merseytram Line 1 and the creation of new footpaths and cycleways. Whilst it is noted that the funding for delivering the Merseytram is unsecured, it is considered that the other aspects of the preferred option should ensure some modal shift to more sustainable modes of transport and, as a result, has some positive impact on the objectives relating to air quality and the use of more sustainable transport modes. It is also anticipated that the preferred option would have some positive impact on the objectives relating to access to goods, services and amenities; crime and fear of crime; health; and protecting land and soil.

The preferred option would result in significant investment being directed to Kirkby town centre. The SFRA noted that surface water flooding incidents in the Borough are predominantly associated with highway flooding and are prevalent in all major conurbations within the Council's boundaries, including Kirkby. Nevertheless, other policies in the Core Strategy should ensure that development is directed to areas at the lowest risk of flooding within the centre and that appropriate measures are taken to ensure new development does not exacerbate flood risk. It is therefore considered that the preferred option is unlikely to have any significant impact on the objective relating to adapting to climate change.

There are no anticipated negative impacts on the sustainability objectives. Nevertheless, it is considered that the preferred option would have an uncertain impact on the objectives relating to mitigating climate change and the use of water and minerals due to the environmental impacts associated with the construction and operation of the built development proposed by the preferred option. It is however recognised that the development proposed is necessary to support the retail-led regeneration of Kirkby town centre. In addition, the new development would be built to higher environmental standards. The preferred option would also have an uncertain impact on the objective relating to protecting the Borough's heritage as the impact of the additional footfall on Old Hall Conservation Area is unclear.



CS11: Principal Regenera	tion Area	ı – Know	sley Indu	strial and B	usiness Pa							
		Timescale)			Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
Social												
S1. To reduce poverty and social deprivation and secure	+	+	+ +	Medium	More than Local	Long term	Improved quality of life.					
economic inclusion.	Knowsley I preferred c accessibilit accessible	Comments: Knowsley Industrial and Business Parks are closely related to Kirkby which is identified in the plan as an area characterised by very high levels of deprivation. The preferred option would result in the provision of a mix of new employment development in these parks. In addition, measures would be taken to improve the accessibility of the parks from other areas of Kirkby. It is therefore considered that the preferred option would result in the provision of employment opportunities in accessible location and thereby have a positive impact on the objective and its sub-objective of reducing unemployment. This impact will increase as the Plan's proposals take effect.										
S2. To improve local	+	+	+	Medium	Local	Long term	Reduced need to travel.					
accessibility of goods, services and amenities and reduce community severance.	Comments: The preferred option would result in the provision of a local service centre to meet the needs of the workers within the Park. It is therefore considered that the preferred option would have a positive impact on the objective and the sub-objective of improving community facilities.											
S3. To improve safety and	0	0	0	Medium	N/A	N/A						
reduce crime, disorder and fear of crime.	Comments Unlikely to	<u>::</u> have any siç	gnificant effe	cts.								
S4. To support voluntary and	0	0	0	Medium	N/A	N/A						
community networks, assist social exclusion and ensure community involvement in decision-making.		Comments: Unlikely to have any significant effects.										
S5. To improve health and	+	+	+	Medium	Local	Long term						
reduce health inequalities.	Comments: The preferred option would result in the creation of new footpaths and cycle routes to improve circulation within Knowsley Industrial and Business Parks and It to other areas of Kirkby. It is therefore considered that the preferred option has the potential to encourage healthier lifestyles and thereby have a positive impact the objective and its associated sub-objectives.											
S6. To provide good quality,	0	0	0	Medium	N/A	N/A						
affordable and resource efficient housing.	Comments Unlikely to	<u>:</u> have any siç	gnificant effe	cts.								

CS11: Principal Regenera	tion Area	– Know	sley Indu	strial and B	usiness Pa	arks		
		Timescale	;			Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	O Comments Unlikely to	0 <u>:</u> have any siç	0 gnificant effe	Medium cts.	N/A	N/A		
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	O Comments Unlikely to	0 <u>:</u> have any siç	O gnificant effe	Medium cts.	N/A	N/A		
Environment E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	on the char supporting such as Ch quality of o	red option woracter and acter and acter text states the trainers when the trainers were arrest to the trainers when space. It is not to the trainers when space. It is not to the trainers are trainers	ccessibility of nat there is s and Acornfie Nevertheless	f the landscape. In cope to enhance eld Plantation. As s, as limited inform	n addition, it we the benefits pr a result, the pr nation is provid	ould result in public rovided by existing greferred option has the	Secondary impacts on the image of the Borough. evelopment and it is therefore envisaged realm enhancements as part of green in reen and open spaces within the Knows the potential to have a positive impact or isting greenspaces would be enhanced,	Infrastructure provision and the sley Industrial and Business Parks, in the sub-objective of improving the
	character a	and accessib	ility of the la	ndscape. Accordi	ngly, it is consi	dered that the impac	nation is provided on how the developm of the preferred option on the objectiv	
E2. To protect, enhance and manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	O Comments Unlikely to	<u>:</u> have any siç	0 gnificant effe	Medium cts.	N/A	N/A		

CS11: Principal Regenera	tion Area	ı – Know	sley Indu	strial and B	usiness Pa			
		Timescale)			Nature of Eff	iect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
E3. To adapt to climate change including flood risk.	0	0	0	Medium	Local	Long term		Other policies in the Core Strategy will ensure development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk.
	SFRA did (Core Strate	_ sley Strategion establish tha egy will ensu	t surface wat re that devel	ter flooding incide opment is directe	nts are prevale d to areas at th	nt in all major conur e lowest risk of floo	trial and Business Parks are located pre bations within the Council's boundaries. ding and that appropriate measures are have no significant impact on the objec	Nevertheless, other policies in the taken to ensure new development
E4. To mitigate climate change	?	?	?	Low	More than	Long term		
including using energy prudently					local			
and efficiently and increasing	Comments							
energy generated from							on would inevitably result in carbon dioxi	
renewable sources.							egenerate Knowsley Industrial and Busir	
							ock. Furthermore, the preferred option w	
							luction of renewable, low carbon and de	
							ut also the mitigation measures built into	the policy described above.
E5. To provide, conserve,	+	+	+	Medium	Local	Long term	Secondary impact on perceptions of	
maintain and enhance green infrastructure.	Commonto						the Borough.	
ililiastructure.	Comments The profes	_	ooks to doliv	or public roalm or	hancomonte a	c part of aroon infra	structure provision. It is therefore consid	ared that the professed antion could
							e a positive impact on the objective.	ered that the preferred option codid
E6. To protect, manage and restore land and soil quality.	+	+	-	Low	Borough wide	Long term	o a positive impact on the objective.	Ensure development built to an appropriate density to minimise the need to release further greenfield sites.

CS11: Principal Regenera	tion Area	a – Know	sley Indu	strial and B	usiness Pa	arks				
		Timescale	•			Nature of Ef	fect			
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
E7. To protect, improve and where necessary, restore the	Borough's that the pre	red option woneed for emeterred option eferred option echanism for the option of the o	ployment lan n would have	d. The preferred of a negative impa	option has the copiec	potential to result in tive in the long term	areas which would reduce the need to r the loss of a greenfield site in the longer . However, as this greenfield site would t is considered that the certainty of this i	term. Accordingly, it is considered only be released if it complies with the		
quality of inland, and estuarine waters.	Unlikely to	have any si	gnificant effe	cts.						
E8. To protect, and where necessary, improve local air quality.	?	?	?	Low	Local	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.			
	Comments: The preferred option would result in the parks being developed for a range of employment uses, including those that generate significant volumes of traffic, such a storage and distribution. Nevertheless, it would also result in measures to reduce car use and would facilitate the role and potential growth of Knowsley Rail Freight Terminal. As a result, it is considered that the preferred option would have an uncertain impact on air quality.									
E9. To use water and mineral	?	?	?	Low	Local	Long term				
resources prudently and efficiently.	recognised	uction and o I that the dev	/elopment is	necessary to sup	port the econor	my and the regenera	on would inevitably result in water and m ation of Knowsley Industrial and Busines formance of the policy on this objective.			
E10. To reduce the need to travel and improve choice and use of more sustainable transport	?	?	?	Low	Local	Long term	Secondary impacts on congestion, carbon emissions and improved air quality.			
mode.	Comments: The preferred option would result in the parks being developed for a range of employment uses, including those that generate significant volumes of traffic, such as storage and distribution. Nevertheless, it would also result in measures to reduce car use and would facilitate the role and potential growth of Knowsley Rail Freight Terminal. As a result, it is considered that the preferred option would have an uncertain impact on the objective and its sub-objective of encouraging sustainable transport use.									
E11. To minimise the production	0	0	0	Medium	N/A	N/A				

CS11: Principal Regeneration Area – Knowsley Industrial and Business Parks												
	Timescale											
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
of waste and increase reuse, recycling and recovery rates.	Comments: The preferred option would result in the parks being identified as a 'Priority Zone' for the production of renewable, low carbon and decentralised energy. The supporting text to the policy notes that this does not imply that the parks are suitable locations for Energy from Waste schemes. It is also noted that the Merseyside Joint Waste DPD identifies no need for site allocations for new Energy from Waste uses. It is therefore considered that the preferred option is unlikely to have any significant effects on the objective.											
Economic												
EC1. To improve the competitiveness and	+ +	++	+ +	Medium	More than local	Long term	Increased employment opportunities and reduced deprivation.					
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	Comments: The preferred option would result in the provision of a mix of new employment development. It would also deliver improvements to circulation within the parks to improve their performance and attractiveness for developers. It is therefore considered that the preferred option has the potential to have a positive impact on the objectives of increasing the number of businesses and increasing industrial/commercial floorspace.											
EC2. To enhance the vitality and viability of town and local centres.	0	0	0	Low	N/A	N/A		Provide evidence to demonstrate that the B1 office provision could not be located within an existing town centre.				
	Comments: The preferred option would result in the provision of retail uses and services at a local service centre within the park. It is however specified that this would be small scale and purely to serve the needs of the workforce within the park. As a result, the provision of these retail uses and services should not have a detrimental impact on the vitality and viability of the other centres within the Borough, particularly the nearby Kirkby town centre. Nevertheless, the preferred option would also result in B1 offices being directed to the park which is an out of centre location. It is recognised that opportunities and potential for significant new office development in Knowsley's town centres may be limited. Nevertheless, no evidence is provided to demonstrate that these offices could not be directed to a town centre location. It is therefore considered that the preferred option is unlikely to have any significant effects on the objective.											
EC3. Maintain high and stable levels of employment and reduce	+	+	++	Low	More than Local	Long term	Reduced deprivation.	Include proposals to improve access to training.				

CS11: Principal Regeneration Area – Knowsley Industrial and Business Parks										
	Timescale									
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
long-term unemployment.	Comments: Knowsley Industrial and Business Parks are closely related to Kirkby which is identified in the plan as an area characterised by very high levels of deprivation. The preferred option would result in the provision of a mix of new employment development in these parks. In addition, measures would be taken to improve the accessibility of the parks from other areas of Kirkby. It is therefore considered that the preferred option would result in the provision of employment opportunities in an accessible location and thereby have a positive impact on the objective and its sub-objective of reducing unemployment. This impact will increase as the Plan's proposals take effect. Nevertheless, there is only a low level of certainty that the preferred option would have a positive impact on the objective as the preferred option does not seek to address low skills/training and, as a result, it is not clear whether these employment opportunities would be accessible to the long-term unemployed.									

Sustainability Summary

The preferred option would have a positive impact on several objectives. By resulting in the provision of a mix of new employment development in a location that is accessible from areas of deprivation and introducing measures to improve the accessibility of the parks from Kirkby, the preferred option would have a major positive impact on the objectives relating to poverty and deprivation; the growth potential of businesses; and levels of employment and long term unemployment. It is anticipated that the significance of the positive impact on each of these objectives will increase as the Plan's proposals take effect. Nevertheless, due to the preferred option not seeking to address low skills/training, it is considered that there is only a limited level of certainty about its impact on long-term unemployment.

The preferred option would have some positive impact on the objectives relating to community severance; health; and green infrastructure. By protecting the countryside and landscape from inappropriate development in the short and medium term, it is envisaged that the preferred option would initially have a positive impact on the objectives relating to landscape character and accessibility; and protecting land and soil. Nevertheless, the preferred option has the potential to result in the loss of Green Belt sites later in the plan period and it is therefore considered that in the longer term the preferred option would have an uncertain impact on the objective relating to landscape character and accessibility and a negative impact on the objective relating to protecting land and soil. Ensuring development is built to an appropriate density to minimise the need to release further greenfield sites is likely to be a key mitigation measure.

The preferred option would have an uncertain impact on several other objectives. It is considered that the impact of the preferred option on the objectives relating to mitigating climate change and the use of water and minerals would be uncertain due to the environmental impacts associated with the construction and operation of the built development proposed by the preferred option. It is however recognised that the development proposed is necessary to support the Borough's economy and the regeneration of Knowsley Industrial and Business Parks. In addition, the new development would be built to higher environmental standards and the preferred option includes a proposal to identify the parks as a 'Priority Zone' for the production of renewable, low carbon and decentralised energy.

The preferred option would result in the parks being identified as a 'Priority Zone' for the production of renewable, low carbon and decentralised energy. The supporting text to the policy notes that this does not imply that the parks are suitable locations for Energy from Waste schemes. It is also noted that the Merseyside Joint Waste DPD identifies no need for site allocations for new Energy from Waste uses. It is therefore considered that the preferred option is unlikely to have any significant effects on the objective relating to waste.

The impact of the preferred option on the objective relating to air quality and sustainable transport is uncertain.



CS12: Principal Regeneration Area – Tower Hill											
		Timescale)			Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social	+	++	++	Medium	Local	Long term	Improved quality of life				
deprivation and secure	Comments										
economic inclusion.							using in Tower Hill in order to meet local				
							ents to the quality and accessibility of or				
							ntial to have a positive impact on the sub also improve access to employment op				
							re concluded that the preferred option h				
						an's proposals take		as the potential to have a major			
S2. To improve local	+	+	+	Medium	Local	Long term	Improved quality of life and reduced				
accessibility of goods, services						J	social exclusion.				
and amenities and reduce	Comments	<u>S:</u>									
community severance.	The preferred option would result in small scale enhancements to retail, health, leisure and community facilities in Tower Hill. Furthermore, the preferred option would reduce community severance by delivering enhanced public transport provision and by creating accessible linkages to surrounding areas, including Kirkby town										
CO. To business a fato and							poods and services and thereby have a p	positive impact on the objective.			
S3. To improve safety and reduce crime, disorder and fear	Commonto	0	0	Medium	N/A	N/A					
of crime.	Comments Unlikely to	<u>s:</u> have any sig	nificant offo	cts							
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					
community networks, assist	Comments			Wediam	14// (14/74					
social exclusion and ensure		have any si	nificant effe	cts.							
community involvement in		,	,								
decision-making.				_							
S5. To improve health and	+	++	++	Medium	Local	Long term	Improved quality of life				
reduce health inequalities.	Comments	_									
	The preferred option would deliver a range of dwellings to provide a wider choice of housing in Tower Hill. The preferred option would also result in small scale enhancements to health and leisure facilities, improvements to the quality and accessibility of open space, and maximise opportunities for cycling and walking. It is										
	therefore considered that the preferred option has the potential to encourage healthier lifestyles and improve access to health facilities. It is therefore considered that										
	the preferred option would have a major positive impact on the objective. This impact will increase as the Plan's proposals take effect.										
	and protott	ou option wo	a.a. navo u n	ajo. pooliivo iiripi	act on the obje	ou.o. mompact v	proposals take				

CS12: Principal Regeneration Area – Tower Hill										
	•	Timescale	;			Nature of Eff	iect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
S6. To provide good quality, affordable and resource efficient housing.	The prefer have a maj greater ten	+ ++ ++ ++ Medium Local Long term Improved quality of life Comments: The preferred option would deliver a range of dwellings to provide a wider choice of housing in Tower Hill. It is therefore considered that the preferred option would have a major positive impact on the objective and its sub-objectives of increasing the quality of housing and providing a wider choice of accommodation to create greater tenure mix. This impact will increase as the Plan's proposals take effect.								
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	Comments The preferi	? ? Low Local Long term Secondary impacts on unemployment and deprivation. Clarify whether small-scale enhancements would be made to educational facilities. Comments: The preferred option would deliver small scale enhancements to local community facilities. It is however unclear whether these include education facilities. As a result, it is uncertain whether the preferred option would have any significant impact on educational attainment, training and opportunities for lifelong learning and employed bility.								
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	O Comments Unlikely to	0 :: have any siç	O gnificant effe	Medium cts.	N/A	N/A				
Environment										
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	+ + + Medium Local Long term Improved perceptions of the area. Comments: The preferred option would result in public open space provision in Tower Hill and improvements to its quality, accessibility and integration with new development. As a result, it is envisaged that the preferred option would have a positive impact on the sub-objectives of providing the required amount of open space; providing open space in accessible locations; and improving the quality of open space.									
E2. To protect, enhance and manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to	0 :: have any siç	O gnificant effe	Medium cts.	N/A	N/A				

CS12: Principal Regenera	tion Area	– Tower	Hill								
		Timescale				Nature of Eff	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E3. To adapt to climate change including flood risk.	0	0	0	Medium	Local	Long term		Other policies in the Core Strategy will ensure development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk.			
	Comments: The Knowsley Strategic Flood Risk Assessment has demonstrated that the Tower Hill Principal Regeneration Area is located predominantly within Flood Zone 1. The SFRA did however establish that surface water flooding incidents in the Borough are prevalent in all major conurbations within the Council's boundaries. Nevertheless, other policies in the Core Strategy will ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk. In addition, the provision of public open space may reduce rates of surface water run-off and are also likely to be increasingly important for mitigating the higher summer temperatures that are anticipated as a result of climate change. It is therefore considered that the preferred option would have no significant impact on the objective.										
E4. To mitigate climate change including using energy prudently	?	?	?	Low	More than local	Long term					
and efficiently and increasing energy generated from renewable sources.	recognised would be b and maxim	- uction and o _l that the dev uilt to higher ise opportun	elopment is standards o ities for walk	necessary to sup of energy efficienc	port the regene y than the exis The uncertain :	eration of Tower Hill ting stock. Furtherm	on would inevitably result in carbon diox and to rebalance the housing market in ore, the preferred option would deliver a e increase in carbon emissions arising fi	the area. In addition, the development an enhanced public transport provision			
E5. To provide, conserve, maintain and enhance green	+	+	+	Medium	Local	Long term	Secondary impact on quality of life and perceptions of the area.				
infrastructure.	Comments: The preferred option would result in public open space provision in Tower Hill and improvements to its quality, accessibility and integration with new development. It is therefore envisaged that the preferred option would help enhance green infrastructure in the area.										
E6. To protect, manage and restore land and soil quality.	?	?	?	Low	Local	Long term		Provide clarification on the extent to which the new housing proposed in the preferred option would be delivered on previously developed land.			

CS12: Principal Regeneration Area – Tower Hill												
		Timescale)			Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
	It is unclear preferred o	Comments: It is unclear the extent to which the new housing proposed in the preferred option would be delivered on previously developed land. As a result, impact of the preferred option would have an uncertain impact on the objective and its sub-objectives of directing new development to previously developed land; reducing the amount of derelict land; and reducing the amount of contaminated land.										
E7. To protect, improve and	0	0	0	Medium	N/A	N/A						
where necessary, restore the quality of inland, and estuarine waters.		Comments: Unlikely to have any significant effects.										
E8. To protect, and where necessary, improve local air quality.	+	+	+	Low	More than local	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	Clarify whether funding will be secured for the proposed measures.				
	Comments: The preferred option would result in infrastructure improvements in Tower Hill, including enhanced public transport provision and maximising opportunities for wal and cycling to create accessible linkages within Tower Hill and to surrounding areas. The preferred option also refers to the potential delivery of a new transport interchange, including a new rail station and Park and Ride facility. The preferred option therefore has the potential to support a modal shift to more sustainable modes of travel and, as noted in the supporting text, the railway station and park and ride would be likely to attract people who usually drive into Liverpool. It is however noted that funding for the new station and park and ride are not currently secured. Notwithstanding this, it is considered that the other aspects of the preferred option should ensure that it some modal shift to more sustainable modes of transport and, as a result, has some positive impact on objective but with a level of certainty.											
E9. To use water and mineral	?	?	?	Low	Local	Long term						
resources prudently and efficiently.	Comments: The construction and operation of the built development proposed by the preferred option would inevitably result in water and mineral use. Nevertheless, it is recognised that the development is necessary to support the regeneration of Tower Hill and to rebalance the housing market in the area. In addition, the new development would be built to higher environmental standards, hence the uncertain performance of the policy on this objective.											
E10. To reduce the need to travel and improve choice and use of	+	+	+	Low	More than local	Long term	Secondary impacts on congestion, carbon emissions and air quality.	Clarify whether funding will be secured for the proposed measures.				

Comments	CS12: Principal Regenera	CS12: Principal Regeneration Area – Tower Hill											
more sustainable transport mode. Comments: The preferred option would result in infrastructure improvements in Tower Hill, including enhanced public transport provision and maximising opportunities for walking and cycling to create accessible linkages within Tower Hill and to surrounding areas. The preferred option also refers to the potential delivery of a new transport interchange, including a new rall station and Park and Ride facility. The preferred option also refers to the potential to support a modal shift to more sustainable modes of travel and, as noted in the supporting text, the railway station and park and ride are not currently secured. Notwithstanding this, it is considered that the other aspects of the preferred option should ensure some modal shift to more sustainable modes of transport and, as a result, has some positive impact on objective but with a low level of certainty. E11. To minimise the production of waste and increase reuse, recycling and recovery rates. EC1. To eniprove the competitiveness and productivity of businesss, exploit the growth potential of business. EC2. To enhance the vitality and viability of town and local centres. EC2. To enhance the vitality and viability of town and local centres. EC3. Maintain high and stable levels of employment. In the preferred option would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would not have a detrimental impact on the vitality and viability of Kirkby town centre. It is therefore envisaged that the preferred option would not have and a definitional dispection. Comments: The pr			Timescale)			Nature of Eff	fect					
mode. The preferred option would result in infrastructure improvements in Tower Hill, including enhanced public transport provision and maximising apportunities for walking and cycling to create accessible linkages within Tower Hill and to surpounding areas. The preferred option also refers to the potential delivery of a new transport interchange, including a new rail station and Park and Ride facility. The preferred option therefore has the potential to support a modal shift to more sustainable modes of traval and, as noted in the supporting text, the railway station and park and ride would be likely to attract people who usually drive into Liverpool. It is nower noted that funding for the new station and park and ride a	SA Objective				Certainty	Scale	Permanence		Mitigation				
Comments	•	The prefer and cycling interchang modes of t however n preferred of	The preferred option would result in infrastructure improvements in Tower Hill, including enhanced public transport provision and maximising opportunities for walking and cycling to create accessible linkages within Tower Hill and to surrounding areas. The preferred option also refers to the potential delivery of a new transport interchange, including a new rail station and Park and Ride facility. The preferred option therefore has the potential to support a modal shift to more sustainable modes of travel and, as noted in the supporting text, the railway station and park and ride would be likely to attract people who usually drive into Liverpool. It is however noted that funding for the new station and park and ride are not currently secured. Notwithstanding this, it is considered that the other aspects of the preferred option should ensure some modal shift to more sustainable modes of transport and, as a result, has some positive impact on objective but with a low level										
Comments	E11. To minimise the production	0	0	0	Medium	N/A	N/A						
EC1. To improve the competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number of new businesses. EC2. To enhance the vitality and viability of town and local centres. EC2. To enhance the vitality and viability of town and local centres. EC3. Maintain high and stable levels of employment. EC3. Maintain high and stable levels of employment and reduce long-term unemployment. EC3. Maintain high and stable Comments: Unlikely to have any significant effects.		Comments	Comments:										
EC1. To improve the competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number of new businesses. EC2. To enhance the vitality and viability of town and local centres. EC3. To enhance the vitality and viability of town and local centres. EC3. To enhance the vitality and viability of town and local centres. EC3. To enhance the vitality and viability of town and local centres. EC4. To enhance the vitality and viability of town and local centres. EC5. To enhance the vitality and viability of town and local centres. EC5. To enhance the vitality and viability of town and local centres. EC5. To enhance the vitality and viability of the local centre in the vitality and viability of the local centre. The level of retail provision would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would not have a detrimental impact on the vitality and viability of Kirkby town centre. EC3. Maintain high and stable levels of employment and reduce long-term unemployment. Unlikely to have any significant effects.	recycling and recovery rates.	Unlikely to have any significant effects.											
Comments: Unlikely to have any significant effects. EC2. To enhance the vitality and viability of town and local centres. EC2. To enhance the vitality and viability of town and local centres. Comments: The preferred option would result in some retail provision in Tower Hill which would have some positive impact on the vitality and viability of the local centre. The level of retail provision would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would not have a detrimental impact on the vitality and viability of Kirkby town centre. It is therefore envisaged that the preferred option would not have a detrimental impact on the vitality and viability of Kirkby town centre. EC3. Maintain high and stable levels of employment and reduce long-term unemployment. Unlikely to have any significant effects.	Economic												
Productivity of business, exploit the growth potential of business sectors and increase the number of new businesses. EC2. To enhance the vitality and viability of town and local centres. Properties of the preferred option would result in some retail provision in Tower Hill which would have and viability of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the vitality and viability of Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the vitality and viability of Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would now ever be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisa	EC1. To improve the	0	0	0	Medium	N/A	N/A						
viability of town and local centres. Comments: The preferred option would result in some retail provision in Tower Hill which would have some positive impact on the vitality and viability of the local centre. The level of retail provision would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would not have a detrimental impact on the vitality and viability of Kirkby town centre. EC3. Maintain high and stable levels of employment and reduce long-term unemployment. O O Medium N/A N/A N/A I O	productivity of business, exploit the growth potential of business sectors and increase the number		_	gnificant effe	cts.								
Comments: The preferred option would result in some retail provision in Tower Hill which would have some positive impact on the vitality and viability of the local centre. The level of retail provision would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would not have a detrimental impact on the vitality and viability of Kirkby town centre. EC3. Maintain high and stable levels of employment and reduce long-term unemployment. Unlikely to have any significant effects.		+	+	+	Medium	More than	Long term						
The preferred option would result in some retail provision in Tower Hill which would have some positive impact on the vitality and viability of the local centre. The level of retail provision would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged that the preferred option would not have a detrimental impact on the vitality and viability of Kirkby town centre. EC3. Maintain high and stable levels of employment and reduce long-term unemployment. Comments: Unlikely to have any significant effects. Unlikely to have any significant effects						local		Reduced social exclusion.					
levels of employment and reduce long-term unemployment. Comments: Unlikely to have any significant effects.	centres.	The preferred option would result in some retail provision in Tower Hill which would have some positive impact on the vitality and viability of the local centre. The level of retail provision would however be appropriate to the scale and function of the centre and would be complimentary to Kirkby town centre. It is therefore envisaged											
long-term unemployment. Unlikely to have any significant effects.	EC3. Maintain high and stable	0	0	0	Medium	N/A	N/A						
		e <u>Comments:</u>											
Sustainability Summary	long-term unemployment.	Unlikely to have any significant effects.											
Outlinuomity Outlinuity	Sustainability Summary												

CS12: Principal Regeneration Area – Tower Hill											
Timescale Nature of Effect											
SA Objective											

The preferred option for Tower Hill would largely have a positive impact on the SA objectives. The preferred option would deliver a range of dwellings to provide a wider choice of housing in Tower Hill and would also result in small scale enhancements to health and leisure facilities and improvements to the quality and accessibility of open space. It is therefore considered that the preferred option would have a major positive impact on the objectives relating to poverty and social exclusion; health; and the provision of good quality, affordable and resource efficient housing. The provision of this housing, facilities and accessible open space should also ensure that the preferred option has some positive impact on the objectives relating to community severance; the accessibility of the landscape; and green infrastructure.

It is envisaged that the preferred option would have a positive impact on the objectives relating to green infrastructure and the vitality and viability of Knowsley's town centres. Due to the range of public transport enhancements proposed, it is considered that the preferred option has the potential to support a modal shift to more sustainable modes of transport and thereby have a positive impact on the objectives relating to air quality and the use of sustainable modes of transport. There is however only a low level of certainty over the positive impact on these objectives due to the funding for several of the public transport enhancements being unsecured.

Whilst parts of the Tower Hill regeneration area may be susceptible to surface water flooding, other policies in the Core Strategy should ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk. It is therefore considered that the preferred option is unlikely to have any significant impact on the objective relating to adapting to climate change.

There are no anticipated negative impacts on the sustainability objectives. However, the preferred option would have an uncertain impact on a number of sustainability objectives. It is considered that the impact of the preferred option on the objectives relating to mitigating climate change and the use of water and minerals would be uncertain due to the environmental impacts associated with the construction and operation of the built development proposed by the preferred option. It is however recognised that the development proposed is necessary to support the regeneration of Tower Hill. In addition, the new development would be built to higher environmental standards.

The impact of the preferred option on the objective relating to educational attainment is also uncertain due to it being unclear whether small-scale enhancements would be delivered to educational facilities. Similarly, the impact of the preferred option on the objective relating to protecting land and soil is also uncertain due to it being unclear the extent to which the new housing proposed would be delivered on previously developed land.

Key for effects
++ major positive; + minor positive; 0 neutral; - minor negative; -- major negative; ? uncertain

CS13: Principal Regeneration Area – South Prescot											
		Timescale)			Nature of Eff	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social	+	++	++	Medium	Local	Long term	Improved quality of life				
deprivation and secure	Comments: The redevelopment of South Prescot for new employment development would lead to the creation of a range of accessible employment opportunities. This is likely to										
economic inclusion.											
							The preferred option would also lead to				
							act positively on the sub-objective of imp				
	considered	i that the pre	terred optior	i would have a po	sitive impact of	n the objective and t	hat this impact will increase as the Plan	's proposals take effect.			
	This positiv	This positive impact on the objective takes into account the feet that the preferred entire would recult in the loca of come employment land for alternative week. It is									
	This positive impact on the objective takes into account the fact that the preferred option would result in the loss of some employment land for alternative uses. It is considered that the preferred option would still have a positive impact on this objective despite this loss of employment land as the Plan acknowledges that there has										
	been limited interest in redeveloping the remainder of the land at South Prescot for employment uses and that, as a result, the continuation of the previous policy										
							the reasonable prospect of the land beir				
S2. To improve local	+	+	+	Low	Local	Long term	Improved quality of life				
accessibility of goods, services	Comments	5:									
and amenities and reduce	The prefer	red option w	ould result in	the creation of no	ew footpaths ar	nd cycles routes and	d improved linkages to Prescot town cen	tre. This is likely to have a positive			
community severance.							t result in the provision of new services of	or facilities. It is therefore considered			
	that there i	s only a low	level of certa	ainty that the prefe	erred option wo	uld have a positive i	impact on this objective.				
S3. To improve safety and	0	0	0	Medium	N/A	N/A					
reduce crime, disorder and fear	Comments	_									
of crime.	Unlikely to	have any sign	gnificant effe			_					
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					
community networks, assist	Comments:										
social exclusion and ensure	Unlikely to have any significant effects.										
community involvement in											
decision-making.				1	Land	Langtage		T			
S5. To improve health and	+	+	+	Low	Local	Long term	Improved quality of life				

CS13: Principal Regenera	tion Area	- South	Prescot								
	-	Fimescal e)			Nature of Eff	iect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
reduce health inequalities.	The preferr	Comments: The preferred option would result in the creation of new footpaths and cycles routes to provide a sustainable extension to the Whiston to Cronton green link. This has the potential to encourage healthier lifestyles. It is however noted that the preferred option would not result in the provision of new health or leisure facilities. It is therefore considered that there is only a low level of certainty that the preferred option would have a positive impact on this objective.									
S6. To provide good quality, affordable and resource efficient	+ Comments	++	++	Medium	Local	Long term	Improved quality of life				
housing.	The preferr	ed option wo therefore co	onsidered tha	at the preferred op ce of accommoda	otion would hav tion to create a	e å major positive ir greater tenure mix.	availability of a wider choice of housing a npact on the objective and its sub-objec This impact will increase as the Plan's	ctives of increasing the quality of			
S7. To improve educational	0	0	0	Medium	N/A	N/A					
attainment, training and opportunities for lifelong learning and employability.		Comments: Unlikely to have any significant effects.									
S8. To preserve, enhance and manage Knowsley's rich	0	0	0	Medium	N/A	N/A					
diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments Unlikely to		gnificant effe	cts.							
Environment											
E1. To protect, enhance and	0	0	0	Medium	N/A	N/A					
manage the local character and accessibility of the landscape and countryside across Knowsley.	Comments: Unlikely to have any significant effects.										
E2. To protect, enhance and	0	0	0	Medium	N/A	N/A					
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments: Unlikely to have any significant effects.										

CS13: Principal Regenera	CS13: Principal Regeneration Area – South Prescot											
		Timescale	;			ect						
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
E3. To adapt to climate change including flood risk.	0	0	0	Medium	Local	Long term		Other policies in the Core Strategy will ensure that appropriate measures are taken to prevent new development from exacerbating flood risk.				
	Comments: The Knowsley Strategic Flood Risk Assessment has demonstrated that the South Prescot Principal Regeneration Area is located predominantly within Flood Zong The SFRA did however establish that surface water flooding incidents in the Borough are prevalent in all major conurbations within the Council's boundaries. Nevertheless, other policies in the Core Strategy will ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk. It is therefore considered that the preferred option would have no significant impact on the objective.											
E4. To mitigate climate change including using energy prudently	?	?	?	Low	More than local	Long term						
and efficiently and increasing energy generated from renewable sources.	Comments: The construction and operation of the built development proposed by the preferred option would inevitably result in carbon dioxide emissions. Nevertheless, it is recognised that the development is necessary to support the rebalancing of the Borough's housing market and the provision of an adequate supply of employment land. In addition, the development would be built to higher standards of energy efficiency than the existing stock. Furthermore, the preferred option would result in the creation of new footpaths and cycle routes. The uncertain score recognises the increase in carbon emissions arising from the built development but also the mitigation measures built into the policy described above.											
E5. To provide, conserve, maintain and enhance green	+	+	+	Medium	More than local	Long term						
infrastructure.	Comments: The preferred option would result in the creation of new footpaths and cycles routes to provide a sustainable extension to the Whiston to Cronton green link. It is therefore envisaged that the preferred option would have a positive impact on the objective and its sub-objective of improving the size and quality of the green infrastructure network.											
E6. To protect, manage and	++	++	++	Medium	Local	Long term	Enhanced visual appearance					
restore land and soil quality.	Comments: The South Prescot area contains former industrial land, including areas used for copper cable manufacturing, and much of the area is now vacant. It is therefore envisaged that the preferred option would have a result in housing being directed to previously developed land and would result in the redevelopment of derelict and potentially contaminated sites. It is therefore envisaged that the preferred option would have a major positive impact on the objective and its sub-objective											
E7. To protect, improve and	0	0	0	Medium	N/A	N/A						

CS13: Principal Regenera	tion Area	- South	Prescot									
		Timescale										
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
where necessary, restore the quality of inland, and estuarine waters.		Comments: Unlikely to have any significant effects.										
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	More than local	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.					
	The prefer	Comments: The preferred option would result in the creation of new footpaths and cycles routes to provide a sustainable extension to the Whiston to Cronton green link. In addition, improved linkages to Prescot town centre other areas of Prescot and Whiston would be delivered. It is therefore considered that the preferred option could result in some modal shift to more sustainable modes of transport and thereby have a positive impact on air quality.										
E9. To use water and mineral	?	?	?	Low	Local	Long term						
resources prudently and efficiently.	recognised	_ uction and o _l I that the dev	elopment is	necessary to sup	port the rebala	ncing of the Borougl	on would inevitably result in water and h's housing market and the provision os, hence the uncertain performance of	f an adequate supply of employment				
E10. To reduce the need to travel	+	+	+	Medium	More than	Long term	Secondary impacts on congestion,					
and improve choice and use of					local		carbon emissions and air quality.					
more sustainable transport mode.	The prefer	Comments: The preferred option would result in the creation of new footpaths and cycles routes to provide a sustainable extension to the Whiston to Cronton green link. In addition, improved linkages to Prescot town centre other areas of Prescot and Whiston would be delivered. It is therefore considered that the preferred option could result in some modal shift to more sustainable modes of transport and thereby have a positive impact on the objective.										
E11. To minimise the production	0	0	0	Medium	N/A	N/A						
of waste and increase reuse,	Comments: Unlikely to have any significant effects.											
recycling and recovery rates.	Unlikely to	nave any sig	Initicant effe	CTS.								
Economic	ı	l										
EC1. To improve the	+	++	++	Medium	Local	Long term						

CS13: Principal Regenera	CS13: Principal Regeneration Area – South Prescot											
		Timescale				Nature of Eff	ect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	This is likel preferred o	The redevelopment of South Prescot for new employment development would lead to the creation of a range of employment sites to meet the needs of businesses. This is likely to have some positive impact on the objective and the sub-objective of increasing industrial/commercial floorspace. It is therefore considered that the preferred option would have a positive impact on the objective and that this impact will increase as the Plan's proposals take effect.										
	considered been limite	This positive impact on the objective takes into account the fact that the preferred option would result in the loss of some employment land for alternative uses. It is considered that the preferred option would still have a positive impact on this objective despite this loss of employment land as the Plan acknowledges that there has been limited interest in redeveloping the remainder of the land at South Prescot for employment uses and that, as a result, the continuation of the previous policy approach of solely promoting employment development in this location may undermine the reasonable prospect of the land being redeveloped during the plan period.										
EC2. To enhance the vitality and viability of town and local centres.	?	?	?	Low	Local	Long term		Provide evidence to demonstrate that the B1 office provision could not be located within an existing town centre.				
	The preferr preferred o which may However, t location wo	Comments: The preferred option would result in improved linkages to Prescot town centre which may have some positive impact on its vitality and viability. However, the preferred option would result in B1 office provision in an out of centre location. It is acknowledged that there are existing heritage constraints in Prescot town centre which may mean that there are no suitable, available and viable locations in the town centre for B1 offices of the scale that can be accommodated in South Prescot. However, there is no evidence provided to demonstrate that this office provision could not be accommodated in a centre or that directing it to this out of centre location would not have a detrimental impact on Prescot town centre. As a result, and also due to the fact that the scale of the B1 office provision is presently unknown, it is considered that the impact of the preferred option on the objective is uncertain.										
EC3. Maintain high and stable	+	+	++	Low	Local	Long term	Reduced deprivation					
levels of employment and reduce long-term unemployment.	Comments: The preferred option would result in the provision of a mix of new employment development. In addition, measures would be taken to reduce community severance. This impact will increase as the Plan's proposals take effect. Nevertheless, there is only a low level of certainty that the preferred option would have a positive impact on the objective as the preferred option does not seek to address low skills/training and, as a result, it is not clear whether these employment opportunities would be accessible to the long-term unemployed.											
Sustainability Summary	Sustainability Summary											

CS13: Principal Regeneration Area – South Prescot										
Timescale Nature of Effect										
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		

The preferred option for South Prescot would have a largely positive impact on the sustainability objectives. It would result in the redevelopment of former industrial land, much of which is now vacant, and could therefore have a major positive impact on the objective of protecting, managing and restoring land and soil quality. The preferred option would result in the provision of accessible employment opportunities and a range of dwellings to meet identified local need. It is therefore considered that the preferred option would also have a major positive impact on the objectives relating to poverty and social exclusion; providing good quality housing; increasing the number of new businesses; and maintaining high and stable levels of employment. It is considered that this positive impact will increase in significance as the Plan's proposals take effect. Nevertheless, there is only a low level of certainty that the preferred option would have a positive impact on the objective relating to unemployment due to uncertainties over whether the employment opportunities would be accessible to the long-term unemployed.

Due to the proposed creation of new footpaths and cycle routes it is considered that the preferred option is also likely to have some positive impact on the objectives relating to community severances; health; green infrastructure; air quality; and the use of sustainable modes of transport.

There are no anticipated negative impacts on the sustainability objectives. It is however considered that the preferred option would have an uncertain impact on the objectives relating to mitigating climate change and the use of water and minerals due to the environmental impacts associated with the construction and operation of the built development proposed by the preferred option. It is however recognised that the development proposed is necessary to support the rebalancing of the Borough's housing market and the provision of an adequate supply of employment land. In addition, the new development would be built to higher environmental standards.

It is acknowledged that there are existing heritage constraints in Prescot town centre which may mean that there are no suitable, available and viable locations in the town centre for B1 offices of the scale that can be accommodated in South Prescot. However, the impact of the preferred option on vitality and viability of town centres is also considered to be uncertain as no evidence is provided to demonstrate that office provision could not be accommodated in centre or that directing it to this out of centre location would not have a detrimental impact on Prescot town centre.

		Key fo	r effects		
++ major positive;	+ minor positive;	0 neutral;	minor negative;	– major negative;	? uncertain

CS14: Principal Regenera	tion Area	a – Presc	ot Town	Centre					
	Timescale Nature of Effect								
SA Objective	0-5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
Social									
S1. To reduce poverty and social	+	+	+	Medium	Local	Long term	Improved quality of life.		
deprivation and secure	Comments								
economic inclusion.	of econom	ic activity. Th	ne willingnes	s to provide additi	onal services a	and facilities within t	ould thereby have some positive impact ne town centre, including additional leist nvisaged that the preferred option would	ure, education, employment and health	
S2. To improve local accessibility of goods, services	+	+	+	Low	Local	Long term	Improved quality of life.	Propose the provision of the facilities.	
and amenities and reduce community severance.	to have a p	red option in oositive impa	ct on the obj	ective and the sul	o-objective of i	mproving community	cilities in Prescot town centre. The prefer of facilities. Nevertheless, the certainty of centre rather than proposing to provide	this impact is only low as the	
S3. To improve safety and	0	0	0	Medium	N/A	N/A			
reduce crime, disorder and fear of crime.	Comments Unlikely to	<u>s:</u> have any sig	gnificant effe	cts.					
S4. To support voluntary and	0	0	0	Medium	N/A	N/A			
community networks, assist social exclusion and ensure community involvement in decision-making.		Comments: Unlikely to have any significant effects.							
S5. To improve health and reduce health inequalities.	+	+	+	Low	Local	Long term	Improved quality of life.	Propose the provision of the facilities.	
·	Comments: The preferred option indicates a willingness to accommodate a range of services and facilities in Prescot town centre, including health and leisure facilities. The preferred option therefore has the potential to have a positive impact on the objective. Nevertheless, the certainty of this impact is only low as the preferred option only indicates a willingness to accommodate health and leisure uses in the town centre rather than proposing to provide them.								
S6. To provide good quality,	0	0	0	Medium	N/A	N/A			

CS14: Principal Regenera	4: Principal Regeneration Area – Prescot Town Centre											
		Timescale)			Nature of Eff	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
affordable and resource efficient housing.		Comments: Unlikely to have any significant effects.										
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	option ther	red option inc efore has the	e potential to	have a positive in	mpact on the ol	Long term e of services and fa ojective. Nevertheles her than proposing t		educational facilities. The preferred w as the preferred option only indicates				
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	number of opportunities	wn centre is obuildings in the buildings	the town cen ce the setting	tre that are in a p	oor state of rep of these assets	air. The preferred on and would encoura	Secondary impacts on perceptions of the area and sense of place. In area is however presently considered option would direct investment to the towage the re-use of historic assets. It is also	vn centre and would therefore provide				
Environment												
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	O Comments Unlikely to	0 :: have any siç	0 gnificant effe	Medium cts.	N/A	N/A						
E2. To protect, enhance and manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	O Comments Unlikely to	0 have any siç	0 gnificant effe	Medium cts.	N/A	N/A						

CS14: Principal Regenera	tion Area	– Presc	ot Town	Centre					
		Timescale				Nature of Eff	ect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
E3. To adapt to climate change including flood risk.	0	0	0	Medium	Local	Long term		Other policies in the Core Strategy will ensure development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk.	
	The Knows surface wa Strategy w	Comments: The Knowsley Strategic Flood Risk Assessment has demonstrated that Prescot town centre is located within Flood Zone 1. The SFRA did however establish that surface water flooding incidents in the Borough are prevalent in all major conurbations within the Council's boundaries. Nevertheless, other policies in the Core Strategy will ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk. It is therefore considered that the preferred option would have no significant impact on the objective.							
E4. To mitigate climate change including using energy prudently and efficiently and increasing	?	?	?	Low	More than local	Long term		Provide more information on the improved facilities for sustainable transport.	
energy generated from renewable sources.	recognised built to high	uction and o I that there is her standard	s a need to res s of energy e	egenerate Presco	t town centre a existing stock.	nd secure investmen The preferred optio	on would inevitably result in carbon dioxint in the town centre conservation area. In would also encourage the provision o	In addition, the development would be	
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A			
maintain and enhance green infrastructure.	Comments Unlikely to	_	gnificant effe	cts.					
E6. To protect, manage and restore land and soil quality.	0 Comments	<u>0</u>	0 gnificant effe	Medium	N/A	N/A			
E7. To protect, improve and where necessary, restore the quality of inland, and estuarine waters.	O Comments Unlikely to		0 gnificant effe	Medium cts.	N/A	N/A			

CS14: Principal Regenera	tion Area	- Presc	ot Town	Centre						
		Timescale								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
E8. To protect, and where necessary, improve local air quality.	+	+	+	Low	Local	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	Provide more information on the improved facilities for sustainable transport.		
	The preferred by public treatment the amount the objective	Comments: The preferred option would direct services and facilities to Prescot town centre and, as noted in the Knowsley Town Centre and Shopping Study, access to this centre by public transport is good. Directing appropriate shopping and service provision to the town centre should help people to meet their needs locally and thereby reduce the amount of journeys out of the Borough for comparison and convenience retail. It is therefore envisaged that the preferred option would have a positive impact on the objective The preferred option would also encourage the provision of improved facilities for sustainable transport. Nevertheless, limited information is provided on this and this reduces the level of certainty that the preferred option would have a positive impact on the objective.								
E9. To use water and mineral	?	?	?	Low	Local	Long term				
resources prudently and efficiently.	The constr	Comments: The construction and operation of the built development proposed by the preferred option would inevitably result in water and mineral use. Nevertheless, it is recognised that there is a need to regenerate Prescot town centre and secure investment in the town centre conservation area. In addition, the new development would be built to higher environmental standards, hence the uncertain performance of the policy on this objective.								
E10. To reduce the need to travel and improve choice and use of more sustainable transport	+	+	+	Low	Local	Long term	Secondary impacts on air quality, congestion and carbon emissions.	Provide more information on the improved facilities for sustainable transport.		
mode.	Comments: The preferred option would direct services and facilities to Prescot town centre and, as noted in the Knowsley Town Centre and Shopping Study, access to this centre by public transport is good. Directing appropriate shopping and service provision to the town centre should help people to meet their needs locally and thereby reduce the amount of journeys out of the Borough for comparison and convenience retail. It is therefore envisaged that the preferred option would have a positive impact on the objective The preferred option would also encourage the provision of improved facilities for sustainable transport. Nevertheless, limited information is provided on this and this reduces the level of certainty that the preferred option would have a positive impact on the objective.									
E11. To minimise the production	0	0	0	Medium	N/A	N/A				
of waste and increase reuse, recycling and recovery rates.	Comments: Unlikely to have any significant effects.									
Economic										
EC1. To improve the competitiveness and	+	+	+	Medium	Local	Long term	Secondary impacts on unemployment and deprivation.			

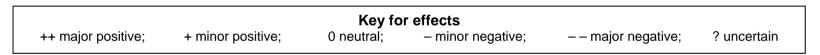
CS14: Principal Regeneration	tion Area	ı – Presc	ot Town	Centre						
		Timescale	;			Nature of Eff	fect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	The prefer	Comments: The preferred option would encourage the provision of employment and retail uses in Prescot town centre. It could therefore help increase the number of new businesses and also have a positive impact on the sub-objective of increasing commercial floorspace.								
EC2. To enhance the vitality and viability of town and local	+	+ +	++	Medium	Local	Long term	Secondary impacts on the conservation of heritage assets.			
centres.	Comments: The preferred option would direct investment to Prescot town centre, encouraging a wider mix of uses to create a distinctive identity and a complimentary economy. In addition, the preferred option would also improve linkages to Cables Retail Park. It is therefore envisaged that the preferred option has the po have a major positive impact on the objective and its sub-objectives of increasing the vitality of shopping areas and improving community facilities. This improves as the Plan's proposals take effect.									
EC3. Maintain high and stable	+	+	+	Medium	Local	Long term				
levels of employment and reduce long-term unemployment.	Comments: The proposed town centre uses would generate some employment opportunities. The willingness to provide additional services and facilities within the town c including education and health uses could also help reduce long term unemployment. It is therefore envisaged that the preferred option would have a positive on the objective.									
Sustainability Summary	, ,									

CS14: Principal Regeneration Area – Prescot Town Centre												
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				

The preferred option for Prescot town centre has the potential to have a positive impact on a wide range of sustainability objectives. It is envisaged that the preferred option would have a particularly significant impact on the objective of enhancing the vitality and viability of town and local centres by directing investment to Prescot town centre and encouraging a wider mix of uses in the centre to create a distinctive identity and a complimentary evening economy. The provision of this mix of uses in Prescot town centre should also improve access to services and facilities and also create a number of employment opportunities. It is therefore envisaged that the preferred option would have some positive impact on the objectives relating to poverty and social exclusion; community severance; health; educational attainment; and levels of employment. It is however recognised that there is only a low level of certainty that the preferred option would have a positive impact on the objectives relating to health and educational attainment as it only indicates a willingness to accommodate these uses in the town centre rather than proposing to provide them.

The preferred option would direct investment in Prescot town centre, which is a designated conservation area that is considered to be at risk. This investment would present opportunities to enhance the setting and significance of this heritage asset and it is noted that other policies in the Plan will ensure that the Borough's historic and architectural assets are protected. It is therefore considered that the preferred option would have a positive impact on the objective relating to Knowsley's built heritage. The provision of a mix of uses in Prescot town centre should also help people to meet their needs locally and could thereby have a positive impact on the objectives relating to air quality and reducing the need to travel.

There are no anticipated negative impacts on the sustainability objectives. It is however considered that the preferred option would have an uncertain impact on the objectives relating to mitigating climate change and the use of water and minerals due to the built development proposed by the preferred option. It is however recognised that there is a need to regenerate Prescot town centre and that the new dwellings would be built to higher environmental standards.



A 3.	SUSTAINABILITY APPRAISAL OF THE THEMATIC POLICIES

CS15: Delivering Affordate	le Housi	ng								
		Timescale)			Nature of Eff	fect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
Social										
S1. To reduce poverty and social deprivation and secure economic inclusion.	+	+	+	Low	Borough wide	Long Term	Improved quality of life.	Provide more information on why 25% affordable housing contribution is a 'realistic and appropriate' figure.		
	The preference envisaged solutions in period in o in the preference units. Purs provided to	Comments: The preferred option would result in the provision of well-designed affordable housing. Given that good quality housing is a significant contributor to health it is envisaged that the preferred option would have some positive impact on the sub-objective relating to improving health and on multiple deprivation by making housing solutions more affordable. Nevertheless, the Strategic Housing Market Assessment identified a need to provide over 5,000 affordable housing units over a ten-year period in order to fully meet the outstanding and arising need for affordable housing in Knowsley. The required percentage contribution to affordable housing set out in the preferred option (25%) will however only provide approximately 1,900 units during the entire plan period although registered providers may contribute additional units. Pursuing a higher percentage contribution to affordable housing may however impact on the viability of residential development. Nevertheless, no evidence is provided to demonstrate that requiring a higher percentage contribution would impact upon viability. It is considered that this reduces the level of certainty that the preferred option would have a positive impact on this objective.								
S2. To improve local	0	0	0	Medium	N/A	N/A				
accessibility of goods, services and amenities and reduce community severance.	Comments Unlikely to	-	gnificant effe	cts	,	,	•			
S3. To improve safety and reduce crime, disorder and fear of crime.	O Comments Unlikely to	-	0 gnificant effe	Medium cts	N/A	N/A				
S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in decision-making.	O O Medium N/A N/A Comments: Unlikely to have any significant effects									
S5. To improve health and reduce health inequalities.	+	+	+	Low	Borough wide	Long Term	Improved quality of life.	Provide more information on why 25% affordable housing contribution is a 'realistic and appropriate' figure.		

CS15: Delivering Affordate	le Housi	ng							
		Timescale							
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
	Comments: The preferred option would result in the provision of well-designed affordable housing. Given that good quality housing is a significant contributor to health it is envisaged that the preferred option would have some positive impact on the objective. Nevertheless, the Strategic Housing Market Assessment identified a nee provide over 5,000 affordable housing units over a ten-year period in order to fully meet the outstanding and arising need for affordable housing in Knowsley. The required percentage contribution to affordable housing set out in the preferred option (25%) will however only provide approximately 1,900 units during the entire period although registered providers may contribute additional units. Pursuing a higher percentage contribution to affordable housing may however impact on the viability of residential development. Nevertheless, no evidence is provided to demonstrate that requiring a higher percentage contribution would impact upon viability considered that this reduces the level of certainty that the preferred option would have a positive impact on this objective.								
S6. To provide good quality, affordable and resource efficient housing.	+	+	+	Low	Borough wide	Long Term	Improved quality of life	Provide more information on why 25% affordable housing contribution is a 'realistic and appropriate' figure.	
	Comments: The preferred option would result in the provision of well-designed affordable housing. It is therefore envisaged that the preferred option would have a posit on the objective. Given that it would also require the affordable housing to comply with the design standards set out in preferred option CS17, including Cot Sustainable Homes Standards, the preferred option would also have some positive impact on the sub-objective relating to the energy efficiency of housing. Nevertheless, the Strategic Housing Market Assessment identified a need to provide over 5,000 affordable housing units over a ten-year period in order to the outstanding and arising need for affordable housing in Knowsley. The required percentage contribution to affordable housing set out in the preferred op will however only provide approximately 1,900 units during the entire plan period although registered providers may contribute additional units. Pursuing a lipercentage contribution to affordable housing may however impact on the viability of residential development. Nevertheless, no evidence is provided to der that requiring a higher percentage contribution would impact upon viability. It is considered that this reduces the level of certainty that the preferred option value impact on this objective.								
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	O Comments Unlikely to	0 <u>5:</u> have any siç	0 gnificant effe	Medium cts	N/A	N/A			
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	O Comments Unlikely to	0 have any siç	0 gnificant effe	Medium cts	N/A	N/A			

CS15: Delivering Affordab	le Housi	ng											
		Timescale)			fect							
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation					
Environment													
E1. To protect, enhance and	0	0	0	Medium	N/A	N/A							
manage the local character and accessibility of the landscape		Comments: Unlikely to have any significant effects											
and countryside across Knowsley.	Officery to have any significant effects												
E2. To protect, enhance and manage biodiversity, the viability	0	0	0	Medium	N/A	N/A							
of protected and endangered species, habitats, geodiversity and sites of geological		Comments: Unlikely to have any significant effects											
importance. E3. To adapt to climate change	0	0	0	Medium	N/A	N/A							
including flood risk.	Comments	_	0	Mediam	TN//A	14/74	<u>I</u>						
3		have any sig	gnificant effe	cts									
E4. To mitigate climate change including using energy prudently	+	+	+	Medium	Borough wide	Long term	Reduced incidence of fuel poverty						
and efficiently and increasing energy generated from renewable sources.	Comments: The preferred option would require all affordable housing built in Knowsley to comply with the design standards set out in preferred option CS17, including Constant Sustainable Homes Standards. As a result, the affordable housing should be built to high standards of energy efficiency and it is therefore considered that the preferred option should have some positive impact on the objective and the sub-objective of reducing carbon dioxide emissions.												
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A							
maintain and enhance green infrastructure.	Comments Unlikely to	<u>s:</u> have any sig	gnificant effe	cts									
E6. To protect, manage and	0	0	0	Medium	N/A	N/A							
restore land and soil quality.	Comments: Unlikely to have any significant effects												
E7. To protect, improve and	0	0	0	Medium	N/A	N/A							

CS15: Delivering Affordate	ole Housi	ng										
		Timescale)			Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
where necessary, restore the quality of inland, and estuarine waters.		Comments: Unlikely to have any significant effects										
E8. To protect, and where necessary, improve local air quality.	O Comments Unlikely to		0 gnificant effe	Medium cts or positive bed	N/A cause the hous	N/A ing will be subject to	CS 17 residential design standards					
E9. To use water and mineral resources prudently and	+	+	+	Medium	Borough wide	Long term						
efficiently.	The prefer	Comments: The preferred option would require all affordable housing built in Knowsley to comply with the design standards set out in preferred option CS17, including Code for Sustainable Homes Standards. As a result, the affordable housing should be built to higher environmental standards and incorporate measures to ensure water is used efficiently. It is therefore considered that the preferred option should have some positive impact on the objective.										
E10. To reduce the need to travel and improve choice and use of more sustainable transport mode.	O Comments Unlikely to		0 gnificant effe	Medium cts	N/A	N/A						
E11. To minimise the production of waste and increase reuse,	+	+	+	Medium	Borough wide	Long term	Reduced need to identify sites for landfill.					
recycling and recovery rates.	Comments: The preferred option would require all affordable housing built in Knowsley to comply with the design standards set out in preferred option CS17, including Code for Sustainable Homes Standards. As a result, the affordable housing should incorporate appropriate facilities for recycling. It is therefore envisaged that the preferred option will have some positive impact on the objective.											
Economic												
EC1. To improve the competitiveness and productivity of business, exploit	+	+	+	Low	Borough wide	Long Term		Provide more information on why 25% affordable housing contribution is a 'realistic and appropriate' figure.				

	Timescale Nature of Effect								
SA Objective	0-5 5-10 10+ Certainty Scale Permanence Secondary, cumulative, synergistic Automatical secondary of the secon								
the growth potential of business sectors and increase the number of new businesses.	Comments: The provision of affordable housing should help ensure that the Borough attracts an adequate workforce to support its economy Market Assessment identified a need to provide over 5,000 affordable housing units over a ten-year period in order to fully meet affordable housing in Knowsley. The required percentage contribution to affordable housing set out in the preferred option (25% approximately 1,900 units during the entire plan period although registered providers may contribute additional units. Pursuing a affordable housing may however impact on the viability of residential development. Nevertheless, no evidence is provided to der percentage contribution would impact upon viability. It is considered that this reduces the level of certainty that the preferred options of the contribution would impact upon viability.							et the outstanding and arising need for 6) will however only provide	
		e contribution			ity of residentia	ıl development. Neve	ertheless, no evidence is provided to de	emonstrate that requiring a higher	
EC2. To enhance the vitality and	percentage this objecti 0	e contribution ve. 0			ity of residentia	ıl development. Neve	ertheless, no evidence is provided to de	emonstrate that requiring a higher	
EC2. To enhance the vitality and viability of town and local centres.	percentage this objecti O Comments	e contribution ve. 0	n would impa	ct upon viability. I	ity of residentia t is considered	I development. Never that this reduces the	ertheless, no evidence is provided to de	emonstrate that requiring a higher	
viability of town and local centres. EC3. Maintain high and stable	percentage this objecti O Comments	e contribution ve.	n would impa	ct upon viability. I	ity of residentia t is considered	I development. Never that this reduces the	ertheless, no evidence is provided to de	emonstrate that requiring a higher	
viability of town and local centres.	percentage this objection on the comments of t	e contribution ve. 0 5: have any sig	n would impa 0 gnificant effe 0	ct upon viability. I Medium cts. Medium	ity of residentia t is considered N/A	I development. Neve that this reduces the N/A	ertheless, no evidence is provided to de	emonstrate that requiring a higher	

CS15: Delivering Affordable Housing										
	Timescale Nature of Effect									
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		

The preferred option has the potential to have a positive impact on a number of social, environmental and economic objectives. It would support the delivery of well-designed, affordable housing and would require new affordable housing to comply with the design standards set out in preferred option CS17, including Code for Sustainable Homes Standards. The preferred option is therefore likely to have a positive impact on the objectives of providing good quality, affordable and resource efficient housing; reducing poverty and social deprivation; and improving health and reducing health inequalities. Nevertheless, it is noted that the Council's Strategic Housing Market Assessment (SHMA) identified a need to provide over 5,000 affordable housing units over a ten-year period in order to meet the outstanding and arising need for affordable housing in Knowsley. The required percentage contribution to affordable housing set out in the preferred option (25%) will however only provide approximately 1,900 units during the entire plan period although registered providers may contribute additional units. Pursuing a higher percentage contribution to affordable housing may however impact on the viability of residential development. Nevertheless, no evidence is provided to demonstrate that requiring a higher percentage contribution would impact upon viability. It is considered that this reduces the level of certainty that the preferred option would have a positive impact on this objective.

By requiring new affordable housing to comply with the design standards set out in preferred option CS17, including Code for Sustainable Homes Standards, the preferred option should have some positive impact on the objectives relating to mitigating climate change; using water and mineral resources prudently; and minimising the production of waste and increasing reuse, recycling and recovery rates.

By helping to ensure the Borough attracts an adequate workforce to support its economy, the preferred option also has the potential to have some positive impact on the objective of exploiting the growth potential of business sectors and increasing the number of new businesses. Nevertheless, there is only a limited level of certainty over this impact as the preferred option would not deliver the required levels of affordable housing identified by the SHMA.

There are no negative or uncertain impacts on the sustainability objectives.

Key for effects										
++ major positive;	+ minor positive;	0 neutral;	minor negative;	– major negative;	? uncertain					

CS16: Specialist and Supp	oorted A	ccommo	dation								
		Timescale				Nature of Eff	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Improved quality of life				
economic inclusion.	good qualit	red option wo	a significant	contributor to he	alth it is envisa		eholds requiring specialist housing or sued option would have some positive impa				
S2. To improve local accessibility of goods, services	+	+	+	Medium	Borough wide	Long term	Improved quality of life				
and amenities and reduce community severance.		red option wo					to be located in an appropriate environr n should have adequate access to good				
S3. To improve safety and reduce crime, disorder and fear	+	+	+	Medium	Borough wide	Long term	Improved quality of life				
of crime.	The preferi	Comments: The preferred option seeks to ensure that vulnerable groups in society have access to safe and modern accommodation. It is envisaged that the preferred option could thereby help reduce crime and fear of crime. It is also noted that the preferred option requires new specialist and supported residential accommodation to comply with the design criteria set out in preferred option CS19 which, amongst other things, requires new development to be designed to minimise crime, fear o crime and anti-social behaviour. It is therefore envisaged that the preferred option would have a positive impact on the objective									
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					
community networks, assist social exclusion and ensure community involvement in decision-making.		Comments: Unlikely to have any significant effects									
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term	Improved quality of life				

CS16: Specialist and Supp	oorted A	ccommo	dation							
		Timescale				fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
	Comments: The preferred option would result in the provision of housing to meet the needs of households requiring specialist housing or supported accommodation. Of good quality housing is a significant contributor to health, it is envisaged that the preferred option would have some positive impact on the objective.									
S6. To provide good quality, affordable and resource efficient	+	+	+	Medium	Borough wide	Long term				
housing.		red option wo					eds of all sections of the community. It is increasing the quality of housing by impr			
S7. To improve educational	0	0	0	Medium	N/A	N/A				
attainment, training and opportunities for lifelong learning and employability.	Comments: Unlikely to have any significant effects									
S8. To preserve, enhance and	0	0	0	Medium	N/A	N/A				
manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments Unlikely to	: have any siç	nificant effe	cts						
Environment										
E1. To protect, enhance and	0	0	0	Medium	N/A	N/A				
manage the local character and accessibility of the landscape and countryside across Knowsley.		Comments: Unlikely to have any significant effects								
E2. To protect, enhance and manage biodiversity, the viability	0	0	0	Medium	N/A	N/A				
of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to	: have any siç	nificant effe	cts						

CS16: Specialist and Supp	ported A	ccommo	dation									
		Timescale)			Nature of Eff	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
E3. To adapt to climate change including flood risk.	+	+	+	Medium	Borough wide	Long term						
	include res	red option w	he challenge				comply with the design standards set of that the preferred option should ensure					
E4. To mitigate climate change including using energy prudently	+	+	+	Medium	Borough wide	Long term	Reduced incidence of fuel poverty					
and efficiently and increasing energy generated from renewable sources.	Comments: The preferred option would require specialist housing and supported accommodation to comply with the design standards set out in preferred option CS19, these include Code for Sustainable Homes standards. As a result, the housing should be built to high standards of energy efficiency and it is therefore considered that the preferred option should have some positive impact on the objective and the sub-objective of reducing carbon dioxide emissions.											
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A						
maintain and enhance green infrastructure.		Comments: Unlikely to have any significant effects										
E6. To protect, manage and	0	0	0	Medium	N/A	N/A						
restore land and soil quality.	Comments Unlikely to	<u>s:</u> have any sig	gnificant effe	cts								
E7. To protect, improve and	0	0	0	Medium	N/A	N/A						
where necessary, restore the quality of inland, and estuarine waters.	Comments Unlikely to	s: have any siç	gnificant effe	cts								
E8. To protect, and where necessary, improve local air quality.	+	+	+	Low	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	Require specialist and supported residential accommodation to be located near to public transport links				
-	Comments: The preferred option would require specialist and supported residential accommodation to be located near to local amenities. It is therefore envisaged that the occupants of this accommodation should be able to meet their needs locally. The preferred option should therefore have some positive impact on reducing the need to travel. The preferred option also states that specialist and supported residential accommodation should be located near to transport links. It is however not specified whether these should be public transport links which reduces the level of certainty that the preferred option would have a positive impact on this objective.											

CS16: Specialist and Supp	ported A	ccommo	dation								
	•	Timescale				Nature of Eff	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E9. To use water and mineral resources prudently and	+	+	+	Medium	Borough wide	Long term					
efficiently.	Comments: The preferred option would require specialist and supported residential accommodation to comply with the design standards set out in preferred option CS19, including Code for Sustainable Homes Standards. As a result, the housing would be built to higher environmental standards and incorporate measures to ensure water is used efficiently. It is therefore considered that the preferred option should have some positive impact on the objective.										
E10. To reduce the need to travel and improve choice and use of more sustainable transport	+	+	+	Low	Borough wide	Long term	Secondary impacts on congestion, carbon emissions and air quality.	Require specialist and supported residential accommodation to be located near to public transport links			
mode.	Comments: The preferred option would require specialist and supported residential accommodation to be located near to local amenities. It is therefore envis occupants of this accommodation should be able to meet their needs locally. The preferred option should therefore have some positive impact or to travel. The preferred option also states that specialist and supported residential accommodation should be located near to transport links. It is specified whether these should be public transport links which reduces the level of certainty that the preferred option would have a positive impact										
E11. To minimise the production of waste and increase reuse,	+	+	+	Medium	Borough wide	Long term	Reduced need to identify sites for landfill.				
recycling and recovery rates.	Code for S	ed option woustainable H	omes standa		the affordable h		comply with the design standards set o rporate appropriate facilities for recycling				
Economic											
EC1. To improve the competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	O Comments Unlikely to	have any siç	O Inificant effe		N/A	N/A					
EC2. To enhance the vitality and viability of town and local	0 Comments	<u>0</u>	0	Medium	N/A	N/A					
centres.	Unlikely to	have any sig	ınificant effe	cts							

CS16: Specialist and Supported Accommodation											
	Timescale Nature of Effect						ect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
EC3. Maintain high and stable	0	0	0	Medium	N/A	N/A					
levels of employment and reduce long-term unemployment.											

Sustainability Summary

It is considered that the preferred option for Specialist and Supported Accommodation has the potential to have a positive impact on a wide range of sustainability objectives. In particular, by resulting in the provision of housing to meet the needs of households requiring specialist housing or supported accommodation, the preferred option should have some positive impact on the objectives of providing good quality, affordable and resource efficient housing; reducing poverty and social deprivation; and improving health and reducing health inequalities.

The preferred option would require specialist housing and supported accommodation to comply with the design standards set out in preferred option CS19. These standards include Code for Sustainable Homes standards and it is therefore envisaged that the preferred option would have a positive impact on the objectives relating to mitigating climate change; using water and mineral resources prudently; and minimising the production of waste and increasing reuse, recycling and recovery rates. The standards also include requiring new development to respond to the challenges posed by climate change and be designed to minimise crime, fear of crime and anti-social behaviour. As a result, the preferred option should also have some positive impact on the objectives relating to adapting to climate change and reducing crime, disorder and fear of crime.

The preferred option requires specialist and supported residential accommodation to be located in an appropriate environment, near to transport links and local amenities. It is therefore envisaged that the preferred option would have some positive impact on the objectives of improving local accessibility of goods, services and amenities and reduce community severance; protecting local air quality; and reducing the need to travel and improving the choice and use of more sustainable transport modes. Nevertheless, as the preferred option does not specify that the specialist and supported residential accommodation should be located near to be public transport links, it is considered that there is a lower level of certainty that the preferred option would have a positive impact on the objectives relating to air quality and the use of sustainable transport.

There are no negative or uncertain impacts on the sustainability objectives.



CS17: Housing Sizes and	Design S	Standard	S								
	•	Timescale)								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social	Social So										
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Improved quality of life				
economic inclusion.	good qualit improving I	red option we ty housing is health and o	a significant n multiple de	contributor to heaprivation by provi	alth it is envisa ding appropriat	ged that the preferre te housing solutions	Life, Lifetime Homes and Code for Sused option would have some positive impair. In addition, as the new housing would life option has the potential to result in r	be built to higher standards of energy			
S2. To improve local	0	0	0	Medium	N/A	N/A					
accessibility of goods, services and amenities and reduce community severance.	Comments Unlikely to	-	gnificant effe	cts							
S3. To improve safety and reduce crime, disorder and fear	+	+	+	Medium	Borough wide	Long term	Improved quality of life				
of crime.		The preferred option requires new housing to comply with the design criteria set out in preferred option CS19 which, amongst other things, requires new development to be designed to minimise crime, fear of crime and anti-social behaviour. It is therefore envisaged that the preferred option would have a positive impact on the									
S4. To support voluntary and community networks, assist	0 Comments	0	0	Medium	N/A	N/A					
social exclusion and ensure community involvement in decision-making.		Julikely to have any significant effects									
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term	Improved quality of life				

CS17: Housing Sizes and	Design S	Standard	S			Nature of Ef						
		Timescale)									
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
S4. To provide good quality	The prefer good quali sub-object Sustainabl	Comments: The preferred option would result in the provision of a mix of housing built to Building for Life, Lifetime Homes and Code for Sustainable Homes standards. Given good quality housing is a significant contributor to both physical and mental health, it is envisaged that the preferred option would have some positive impact on the sub-objective relating to improving health. In addition, as the new housing would be built to higher standards of energy efficiency in order to comply with the Code Sustainable Homes standards, the preferred option has the potential to result in reduced incidence of fuel poverty. High Borough Long term										
S6. To provide good quality, affordable and resource efficient	++	++	++	High	Borough wide	Long term						
	Comments: The preferred option would ensure that a mix of housing is provided in order to meet local needs. In addition, by specifying that the new housing would have to comply with the Code for Sustainable Homes standards, the preferred option should ensure that the new homes are built to a high standard of energy efficiency. It is therefore envisaged that the preferred option has the potential to have a major positive impact on the objective and its sub-objectives relating to providing a wider choice of accommodation and improving the energy efficiency of housing.											
S7. To improve educational	0	0	0	Medium	N/A	N/A						
attainment, training and opportunities for lifelong learning and employability.	Comments Unlikely to	<u>s:</u> have any siç	gnificant effe	cts								
S8. To preserve, enhance and	0	0	0	Medium	N/A	N/A						
manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments Unlikely to	<u>s</u> : have any się	gnificant effe	cts	I							
Environment												
E1. To protect, enhance and	0	0	0	Medium	N/A	N/A						
manage the local character and accessibility of the landscape and countryside across	Comments: Unlikely to have any significant effects											
Knowsley.												

CS17: Housing Sizes and	Design S	Standards	5								
		Timescale				Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to	omments: nlikely to have any significant effects									
E3. To adapt to climate change including flood risk.	+	+	+	Medium	Borough wide	Long term					
_		red option wo					in preferred option CS19, these include t new housing is designed so that it is ac				
E4. To mitigate climate change including using energy prudently	+	+	+	Medium	Borough wide	Long term	Reduced incidence of fuel poverty.				
and efficiently and increasing energy generated from renewable sources.	Comments: The preferred option requires new housing to be built to Code for Sustainable Homes standards. As a result, new housing in Knowsley would be built to high standards of energy efficiency and it is therefore considered that the preferred option should have some positive impact on the objective and its sub-objective of reducing carbon dioxide emissions.										
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A					
maintain and enhance green infrastructure.	Comments Unlikely to	: have any sig	ınificant effe	ects							
E6. To protect, manage and	0	0	0	Medium	N/A	N/A					
restore land and soil quality.	Comments Unlikely to	: have any sig	ınificant effe	ects							
E7. To protect, improve and	0	0	0	Medium	N/A	N/A					
where necessary, restore the quality of inland, and estuarine waters.		Comments: Unlikely to have any significant effects									
E8. To protect, and where	0	0	0	Medium	N/A	N/A					
necessary, improve local air quality.	Comments Unlikely to	: have any sig	ınificant effe	ects							

CS17: Housing Sizes and	Design S	Standard	S								
		Timescale				Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E9. To use water and mineral resources prudently and	+	+	+	Medium	Borough wide	Long term					
efficiently.		red option re servation mea		herefore envisage	ed that the pref	erred option would I	tandards. As a result, new housing in Ki have some positive impact on the objec				
E10. To reduce the need to travel	0	0	0	Medium	N/A	N/A					
and improve choice and use of more sustainable transport mode.	Comments Unlikely to	: have any siç	gnificant effe	cts							
E11. To minimise the production of waste and increase reuse,	+	+	+	Medium	Borough wide	Long term	Reduced need to identify sites for landfill.				
recycling and recovery rates.	Comments										
							nes standards. As a result, the housing positive impact on the objective.	should incorporate appropriate			
Economic											
EC1. To improve the	0	0	0	Medium	N/A	N/A					
competitiveness and	Comments	:									
productivity of business, exploit	Unlikely to	have any sig	gnificant effe	cts							
the growth potential of business											
sectors and increase the number of new businesses.											
EC2. To enhance the vitality and	0	0	0	Medium	N/A	N/A					
viability of town and local	Comments			Wodiam	1471	1477					
centres.		have any sig	nificant effe	cts							
EC3. Maintain high and stable	0	0	0	Medium	N/A	N/A					
levels of employment and reduce	Comments	:									
long-term unemployment.	Unlikely to have any significant effects										
Sustainability Summary											

CS17: Housing Sizes and Design Standards												
	Timescale											
SA Objective	0 – 5	5 – 10	10+	Certainty	Scale	Permanence	Secondary, cumulative,	Mitigation				
	years	years	years				synergistic					

The preferred option has the potential to have a positive impact on a range of social and environmental objectives. The preferred option would ensure that a mix of housing is provided to meet local needs. It also specifies that the new housing would need to comply with the Code for Sustainable Homes standards and, as such, the preferred option should ensure that the new homes are built to a high standard of energy efficiency. The preferred option should therefore have a major positive impact on the objective of providing good quality, affordable and resource efficient housing and its sub-objectives relating to providing a wider choice of accommodation and improving the energy efficiency of housing. Requiring new housing to be built to Building for Life and Lifetime Homes standards should also ensure that the preferred option has some positive impact on the objectives relating to poverty and deprivation and health.

The preferred option would require dwellings to comply with the design standards set out in preferred option CS19. These standards include Code for Sustainable Homes standards and it is therefore envisaged that the preferred option would have a positive impact on the objectives relating to mitigating climate change; using water and mineral resources prudently; and minimising the production of waste and increasing reuse, recycling and recovery rates. The standards also include requiring new development to respond to the challenges posed by climate change and be designed to minimise crime, fear of crime and anti-social behaviour. As a result, the preferred option should also have some positive impact on the objectives relating to adapting to climate change and reducing crime, disorder and fear of crime.

There are no negative or uncertain impacts on the sustainability objectives.



CS18: Accommodation for Gypsies and Travellers and Travelling Showpeople Timescale Nature of Effect											
	Timescale										
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Secondary impacts on quality of life.				
economic inclusion.	Comments: The preferred option would ensure that sites for accommodation for Gypsies, Travellers or Travelling Showpeople have ease of access to health facilities. It is therefore considered that the preferred option has the potential to have some positive impact on the sub-objective relating to improving health. The preferred option also requires accommodation sites for Gypsies, Travellers or Travelling Showpeople to have ease of access to education facilities and employment opportunities. The preferred option could thereby have also some positive impact on the objective and its sub-objectives of improving rates of economic activity.										
S2. To improve local accessibility of goods, services	+	+	+	Medium	Borough wide	Long term	Secondary impacts on quality of life.				
and amenities and reduce community severance.	The preferred option would ensure that sites for accommodation for Gypsies, Travellers or Travelling Showpeople have ease of access to local centres, health facilities, education facilities and public transport nodes. The preferred option could therefore help improve access to goods, services and amenities and, account it is considered that the preferred option has the potential to have some positive impact on this objective.										
S3. To improve safety and reduce crime, disorder and fear of crime.	O Comments Unlikely to	0 i: have any sig	0 gnificant effe	Medium cts	N/A	N/A					
S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in decision-making.	O O O Medium N/A N/A Comments: Unlikely to have any significant effects										
S5. To improve health and reduce health inequalities.	++	++	++	Medium	Borough wide	Long term	Improved quality of life.				
	Comments: The preferred option would ensure that sites for accommodation for Gypsies, Travellers or Travelling Showpeople have ease of access to health facilities. The preferred option would also require sites to have a sufficient level of supporting physical infrastructure, including ensuring it can be served by adequate electricity, water, sewerage and other utilities connections. It is therefore envisaged that the preferred option has the potential to have a major positive impact on the objective and its sub-objectives.										

CS18: Accommodation for	r Gypsie	s and Tra	vellers a	and Travellin	g Showpe	ople					
		Timescale)								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
S6. To provide good quality,	0	0	0	Medium	N/A	N/A					
affordable and resource efficient housing.	The purpose of the policy is to provide sites for accommodation not the accommodation itself. It is therefore envisaged that the preferred option is unlikely to have any significant effects on the objective.										
S7. To improve educational attainment, training and	+	+	+	Medium	Borough wide	Long term	Secondary impacts on deprivation.				
opportunities for lifelong learning and employability.	preferred of	red option wo	herefore hel	p improve access ent.	to education a	ınd training opportur	or Travelling Showpeople have ease of nities and thereby have a positive impact	access to education facilities. The ton the objective and its sub-objective			
S8. To preserve, enhance and	0	0	0	Medium	N/A	N/A					
manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments: Unlikely to have any significant effects										
Environment											
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	+	+	+	Low	Borough wide	Long term		Consider including the impact of the proposal on the accessibility of the landscape as an issue that would be taken into account when considering the suitability of sites for accommodation for Gypsies, Travellers or Travelling Showpeople			
	Comments: The preferred option states that the impact of the proposal on local environmental quality and character will be taken into account when considering proposals for sites for accommodation for Gypsies, Travellers or Travelling Showpeople. The preferred option should therefore help protect the local character of the landscape. It is however noted that the preferred option does not state that the impact of the proposal on the accessibility of the landscape will be taken into account. This reduces the level of certainty that the preferred option would have a positive impact on the objective.										
E2. To protect, enhance and	0	0	0	Medium	N/A	N/A					

CS18: Accommodation fo	r Gypsie:	s and Tra	vellers a	and Travellin	g Showpe	ople				
		Timescale				Nature of Ef	fect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments: Unlikely to have any significant effects									
E3. To adapt to climate change including flood risk.	+	+	+	Medium	Borough wide	Long term				
	Comments: The preferred option specifically states that flood risk will be taken into account when considering the suitability of sites for accommodation for Gypsies, Travellers Travelling Showpeople. Climate change has the potential to increase flood risk through rising sea levels and the occurrence of extreme rainfall events. It is therefore considered that by directing sites for accommodation for Gypsies, Travellers or Travelling Showpeople away from areas at risk of flooding the preferred option show have some positive impact on the objective of adapting to climate change and its sub-objective of minimising flood risk.									
E4. To mitigate climate change	0	0	0	Medium	N/A	N/A				
including using energy prudently and efficiently and increasing energy generated from renewable sources.	Comments: Unlikely to have any significant effects									
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A				
maintain and enhance green infrastructure.	Comments: Unlikely to have any significant effects									
E6. To protect, manage and restore land and soil quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on the image of the Borough.			
	Comments: The preferred option would ensure that sites for accommodation for Gypsies, Travellers or Travelling Showpeople maintain local environmental quality suitable physical environmental conditions, including ground conditions. It is therefore envisaged that the preferred option should help manage land are									
E7. To protect, improve and	0	0	0	Medium	N/A	N/A				
where necessary, restore the quality of inland, and estuarine waters.	O O Medium N/A N/A Comments: Unlikely to have any significant effects									

CS18: Accommodation fo	CS18: Accommodation for Gypsies and Travellers and Travelling Showpeople											
		Timescale)			Nature of Eff	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.					
	The prefer facilities ar the part of public tran- sustainable	Comments: The preferred option would ensure that sites for accommodation for Gypsies, Travellers or Travelling Showpeople have ease of access to local centres, health facilities and education facilities. It is considered that this could enable the occupants of these sites to meet their needs locally and thereby have a positive impact of the objective that relates to reducing the need to travel. The preferred option also specifies that the accommodation sites should have ease of access to public transport. Accordingly, the preferred option also has the potential to have a positive impact on the part of the objective that relates to the use of more sustainable transport modes.										
E9. To use water and mineral	0	0	0	Medium	N/A	N/A						
resources prudently and		Comments:										
efficiently.	Unlikely to have any significant effects											
E10. To reduce the need to travel and improve choice and use of	+	+	+	Medium	Borough wide	Long term	Secondary impacts on congestion, carbon emissions and air quality.					
more sustainable transport mode.	Comments: The preferred option would ensure that sites for accommodation for Gypsies, Travellers or Travelling Showpeople have ease of access to local centres, health facilities, education facilities and public transport nodes. The preferred option could therefore help reduce the need to travel and encourage the use of more sustainable modes of travel.											
E11. To minimise the production	0	0	0	Medium	N/A	N/A						
of waste and increase reuse, recycling and recovery rates.	Comments: Unlikely to have any significant effects											
Economic												
EC1. To improve the	0	0	0	Medium	N/A	N/A						
competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	Comments: Unlikely to have any significant effects											
EC2. To enhance the vitality and viability of town and local	+	+	+	Low	Borough wide	Long term	Secondary impact on perceptions of the area.					

CS18: Accommodation for	r Gypsie	s and Tra	vellers a	and Travellin	g Showpe	ople						
		Timescale										
SA Objective	0-5 5-10 10+ Certainty years Scale Permanence Secondary, cumulative, synergistic Mitigation											
centres.	The prefer some posit	Comments: The preferred option would require sites for accommodation for Gypsies, Travellers or Travelling Showpeople to have ease of access to local centres. This may have some positive impact on the vitality and viability of these centres. It is however noted that there is only a low level of certainty that the preferred option would have a significant effect on this objective.										
EC3. Maintain high and stable levels of employment and reduce	+ + + Medium Borough Long term Reduced deprivation.											
long-term unemployment.	Comments: The preferred option would ensure that sites for accommodation for Gypsies, Travellers or Travelling Showpeople have ease of access to education facilities and employment opportunities. The preferred option could therefore improve access to jobs and thereby have some positive impact on the objective and its sub-objectives of reducing unemployment.											

The preferred option would have a positive impact on a range of social, environmental and economic objectives. The preferred option would ensure that sites for accommodation for Gypsies, Travellers or Travelling Showpeople have ease of access to local centres, health facilities, education facilities and public transport nodes. The preferred option would also require sites to have a sufficient level of supporting physical infrastructure, including ensuring it can be served by adequate electricity, water, sewerage and other utilities connections. It is therefore envisaged that the preferred option has the potential to have a major positive impact on the objective relating to health and some positive impact on the objectives relating to poverty and deprivation; accessibility of goods, services and amenities; education; air quality; reducing the need to travel; the vitality and viability of town and local centres and levels of employment.

The preferred option specifically states that flood risk will be taken into account when considering the suitability of sites for accommodation for Gypsies, Travellers or Travelling Showpeople. It is therefore considered that the preferred option should have some positive impact on the objective of adapting to climate change, including flood risk. The preferred option would also ensure that sites for accommodation for Gypsies, Travellers or Tra have some positive impact on the objectives of protecting land and soil quality and protecting the local character and accessibility of the landscape. It is however noted that the preferred option does not state that the impact of the proposal on the accessibility of the landscape will be taken into account. This reduces the level of certainty that the preferred option would have a positive impact on the objective of protecting the local character and accessibility of the landscape.



Social S1. To reduce poverty and social deprivation and secure economic inclusion. S2. To improve local accessibility of goods, services and amenities and reduce community severance. S3. To improve safety and reduce crime, disorder and fear of crime. S3. To support voluntary and community networks, assist social exclusion and ensure community involvement in decision-makino. S4. To support voluntary and community involvement in decision-makino.	CS19: Design Quality and Accessibility in New Development												
Social S1. To reduce poverty and social deprivation and secure economic inclusion. S2. To improve local accessibility of goods, services and amenities and reduce community severance. S3. To improve safety and reduce community severance and ensure that new development is well integrated with the Borough's town centres and larger centres outside of the Borough. This is likely reduce community severance and ensure that new development is well integrated with the Borough's town centres and larger centres outside of the Borough. This is likely reduce community severance and ensure that communities have adequate access to goods, services and amenities. The preferred option should therefore have some positive impact on the objective. S3. To improve safety and reduce crime, disorder and fear of crime. S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in			Timescale)									
S1. To reduce poverty and social deprivation and secure economic inclusion. S2. To improve local accessibility of goods, services and amenities and reduce community severance. S3. To improve safety and reduce community severance after of crime. S3. To improve safety and reduce reduce crime, disorder and fear of crime. S4. To support voluntary and community networks, assist social exclusion and ensure community inclusions. S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in	SA Objective				Certainty	Scale	Permanence		Mitigation				
deprivation and secure economic inclusion. S2. To improve local accessibility of goods, services and amenities and reduce community severance. The preferred option would ensure that new development is well integrated with the Borough's town centres and larger centres outside of the Borough. This is likely reduce community severance and ensure that communities have adequate access to goods, services and amenities. The preferred option should therefore have some positive impact on the objective. S3. To improve safety and reduce crime, disorder and fear of crime. S4. To support voluntary and community networks, assist social exclusion and ensure some involvement in significant effects Comments: The preferred option would ensure that new development is well integrated with the Borough's town centres and larger centres outside of the Borough. This is likely reduce communities have adequate access to goods, services and amenities. The preferred option should therefore have some positive impact on the objective. S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in	Social												
economic inclusion. S2. To improve local accessibility of goods, services and amenities and reduce community severance. Comments: The preferred option would ensure that new development is well integrated with the Borough's town centres and larger centres outside of the Borough. This is likely reduce community severance and ensure that communities have adequate access to goods, services and amenities. The preferred option should therefore have some positive impact on the objective. S3. To improve safety and reduce crime, disorder and fear of crime. Comments: The preferred option requires new development to be designed to minimise crime, fear of crime and anti-social behaviour. It is therefore envisaged that the preferred option would have a positive impact on the objective and its sub-objective of reducing crime and fear of crime. S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in	S1. To reduce poverty and social	0	0	0	Medium	N/A	N/A						
S2. To improve local accessibility of goods, services and amenities and reduce community severance. S3. To improve safety and reduce crime, disorder and fear of crime. S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in more described in the social exclusion and ensure community involvement in more described in the sorough and menities and reduce community severance and ensure that new development is well integrated with the Borough's town centres and larger centres outside of the Borough. This is likely reduce communities have adequate access to goods, services and amenities. The preferred option should therefore have some positive impact on the objective. S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in			Comments:										
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The preferred option would ensure that new development is well integrated with the Borough's town centres and larger centres outside of the Borough. This is likely reduce community severance and ensure that communities have adequate access to goods, services and amenities. The preferred option should therefore have some positive impact on the objective. S3. To improve safety and reduce crime, disorder and fear of crime. Comments: The preferred option requires new development to be designed to minimise crime, fear of crime and anti-social behaviour. It is therefore envisaged that the preferred option would have a positive impact on the objective and its sub-objective of reducing crime and fear of crime. S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in		Commonts											
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option would have a positive impact on the objective and its sub-objective of reducing crime and fear of crime. S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in	of crime.												
S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in O O O Medium N/A N/A Comments: Unlikely to have any significant effects									herefore envisaged that the preferred				
community networks, assist social exclusion and ensure community involvement in Comments: Unlikely to have any significant effects	C4. To composit valuations and							ime and lear of crime.	1				
social exclusion and ensure community involvement in				U	iviedium	IN/A	IN/A						
community involvement in				nificant effe	rts								
		Offine City to	nave any sig	grimourit che	CiS								
	decision-making.												
S5. To improve health and + + + Medium Borough Long term Improved quality of life		+	+	+	Medium		Long term	Improved quality of life					
reduce health inequalities. wide	reduce health inequalities.												
Comments:			-	and discount		Anna Mala		and the state of t	destriction and conflicts to add the St.				
		The preferred option would require new development to provide convenient routes for movement and would afford priority to pedestrians and cyclists. In addition, would seek to ensure the integration of high quality open spaces in new development in order to maintain active lifestyles. The preferred option could thereby have some positive impact on the objective of improving health and reducing health inequalities.											
some positive impact on the objective of improving health and reducing health inequalities.													
S6. To provide good quality, + + + Medium Borough Long term	S6. To provide good quality		·					L.S.					
affordable and resource efficient wide		'	'	'	IVICUIUIII	_	Long term						

CS19: Design Quality and	Accessi	bility in N	lew Deve	elopment		Nature of Ef				
		Timescale								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
housing.	Comments: The preferred option specifies that the new development would have to comply with the relevant Code for Sustainable Homes standards. This should ensure that ne houses are built to a high standard of energy efficiency. It is therefore envisaged that the preferred option has the potential to have some positive impact on the sub-objective relating to improving the energy efficiency of housing.									
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	O Comments Unlikely to	0 : have any siç	0 Inificant effe	Medium cts	N/A	N/A				
S8. To preserve, enhance and manage Knowsley's rich	+	+	+	Medium	Borough wide	Long term	Secondary impacts on perceptions of the Borough and sense of place.			
diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments: The preferred option states that new development will be expected to respond to, compliment and integrate with the positive characteristics of features of local importance and historic interest. The preferred option should thereby help protect and enhance historic assets in Knowsley. As a consequence, it is concluded that the preferred option has the potential to have some positive impact on the objective.									
Environment										
E1. To protect, enhance and manage the local character and	+	+	+	Medium	Borough wide	Long term	Secondary impacts on health.			
accessibility of the landscape and countryside across Knowsley.	Comments: The preferred option requires the integration of open space into new development. It is therefore considered that the preferred option would have some positive impact on the sub-objective of providing open space in accessible locations.									
E2. To protect, enhance and manage biodiversity, the viability	+	+	+	Medium	Borough wide	Long term	Improved perceptions of the Borough.			
of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments: The preferred option states that new development would be expected to incorporate landscaping which promotes biodiversity and integrates existing habitats. It is therefore concluded that the preferred option has the potential to have a positive effect on the objective and also on its sub-objectives of conserving and enhancing the natural environment and improving the delivery of biodiversity targets as shown in the Ecological Framework.									

CS19: Design Quality and Accessibility in New Development											
		Timescale	•			iect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E3. To adapt to climate change including flood risk.	+	+	+	Low	Borough wide	Long term		Include flood risk management measures on the list of priorities to be integrated into new development to ensure it responds to the challenges of climate change.			
	The preference thereby had into new do have a pos	Comments: The preferred option would require new development to respond to the challenges of climate change by integrating a range of measures. The preferred option should thereby have some positive impact on the objective. It is however noted that flood risk management is not included on the list of priorities that should be integrated into new development to ensure it responds to the challenges of climate change. It is considered that this reduces the level of certainty that the preferred option would have a positive impact on the objective. It is however recognised that other policies in the Core Strategy will ensure that development is directed to areas at the lowest risk of flooding and that appropriate measures are taken to ensure new development does not exacerbate flood risk.									
E4. To mitigate climate change including using energy prudently	+	+	+	Medium	Borough wide	Long term	Reduced fuel poverty and reduced operating costs for businesses.				
and efficiently and increasing energy generated from renewable sources.	requirement and increat travel by e	red option w nt for new de se the propo ncouraging r	velopment to rtion of energies new developr	be built to Code gy that is generate ment to be access	for Sustainable ed from renewa sible by walking	e Homes/BREEAM s able sources. The pr	mate change by integrating energy and standards should ensure that measures referred option also seeks to encourage transport. As a result, it is envisaged that ons.	are taken to improve energy efficiency the use of more sustainable modes of			
E5. To provide, conserve, maintain and enhance green	+	+	+	Medium	Borough wide	Long term	Improved perceptions of the Borough.				
infrastructure.	Comments: The preferred option states that new development will be expected to respond to, compliment and integrate with green infrastructure. The preferred option should therefore help conserve and maintain Knowsley's green infrastructure network.										
E6. To protect, manage and	0	0	0	Medium	N/A	N/A					
restore land and soil quality.	Comments: Unlikely to have any significant effects										
E7. To protect, improve and	0	0	0	Medium	N/A	N/A					

CS19: Design Quality and	Accessi	bility in N	lew Deve	elopment							
	•	Timescale				Nature of Eff	fect				
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
where necessary, restore the quality of inland, and estuarine waters.	Comments: Unlikely to have any significant effects										
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on health, particularly amongst those which suffer from respiratory illnesses.				
	The prefer	Comments: The preferred option would expect new development to provide safe, secure and convenient routes for movement, with priority given to walking, cycling and public transport. It is therefore envisaged that the preferred option could increase the use of sustainable modes of transport and thereby have a positive impact on air									
E9. To use water and mineral resources prudently and	+	+	+	Medium	Borough wide	Long term					
efficiently.	Comments: The preferred option would require new development to respond to the challenges of climate change. In addition, the requirement for new development to be built to Code for Sustainable Homes/BREEAM standards should ensure that new development incorporates water conservation measures and increases the usage of recycled materials. As a result, it is envisaged that the preferred option will have some positive impact on the objective.										
E10. To reduce the need to travel and improve choice and use of	+	+	+	Medium	Borough wide	Long term	Secondary impacts on congestion, carbon emissions and air quality.				
more sustainable transport mode.	Comments: The preferred option would expect new development to provide safe, secure and convenient routes for movement, with priority given to walking, cycling and public transport. It is therefore envisaged that the preferred option could increase the use of sustainable modes of transport and thereby have a positive impact on the objective and its sub-objective of encouraging sustainable transport use.										
E11. To minimise the production of waste and increase reuse,	+	+	+	Medium	Borough wide	Long term	Reduced need to identify sites for landfill.				
recycling and recovery rates.	Comments: The preferred option would require new development to respond to the challenges of climate change by integrating waste recycling. In addition, the requirement for new development to be built to Code for Sustainable Homes/BREEAM standards should ensure that measures are taken to reduce construction waste and/or increase the usage of recycled materials. As a result, it is envisaged that the preferred option will have some positive impact on the objective.										
Economic	•	<u> </u>	-				· · · · · · · · · · · · · · · · · · ·				

CS19: Design Quality and	CS19: Design Quality and Accessibility in New Development												
		Timescale	;			Nature of Eff	fect						
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation					
EC1. To improve the competitiveness and	+	+	+	Medium	Borough wide	Long term							
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	Comments: By requiring new development to be built to BREEAM standards the preferred option should ensure that new premises provided for businesses are more energy efficient. This could reduce operating costs for businesses and improve their competitiveness. In addition, the policy may also lead to the creation of new employment opportunities in the design and production of renewable energy generation technologies and infrastructure. In addition, the higher standards of design in new development that are required by the preferred option could help stimulate investment and attract skilled workers to the Borough. It is therefore envisaged that the preferred option could have some positive impact on this objective.												
EC2. To enhance the vitality and viability of town and local centres.	+	+	+	Low	Borough wide	Long term	Improved perceptions of the Borough.	Preferred option CS6 should ensure that an appropriate sufficient development is directed to Knowsley's centres in order to enhance their vitality and viability.					
	Comments: The preferred option would ensure that new development is well integrated with the Borough's town centres. It is therefore considered that the preferred option could increase the number of visitors to these centres and thereby have a positive impact on the vitality and viability of these centres. The preferred option does however also seek to ensure that new development has linkages to larger centres outside of the Borough. This could potentially exacerbate existing levels of expenditure leakage, as identified in the Knowsley Town Centre and Shopping Study. It is therefore considered that there is only a low level of certainty that the preferred option would have a positive impact on this objective.												
EC3. Maintain high and stable	0	0	0	Medium	N/A	N/A							
levels of employment and reduce long-term unemployment.	Comments: Unlikely to have any significant effects												
Sustainability Summary							-	-					

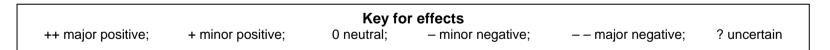
CS19: Design Quality and Accessibility in New Development											
Timescale Nature of Effect											
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			

The preferred option has the potential to have a positive impact on a wide range of social, environmental and economic objectives. The preferred option includes a range of measures to improve the sustainability of new development. In particular, it requires new development to comply with Code for Sustainable Homes/BREEAM standards, which should ensure that the preferred option has some positive impact on the objectives relating to providing good quality, resource efficient housing; mitigating climate change; using water and mineral resources prudently; and minimising the production of waste and increasing reuse, recycling and recovery rates.

Requiring new development to be built to BREEAM standards should ensure that new premises provided for businesses are more energy efficient and thereby reduce their operating costs for businesses and improve their competitiveness. In addition, the higher standards of design in new development that are required by the preferred option could help stimulate investment and attract skilled workers to the Borough. It is therefore envisaged that the preferred option could also have some positive impact on the objective of improving the competitiveness and productivity of business, exploiting the growth potential of business sectors and increasing the number of new businesses.

The preferred option would include an expectation for new development to be well integrated with Knowsley's town centres and larger centres outside of the Borough and provide safe, secure and convenient routes for movement, with priority given to walking, cycling and public transport. It is therefore considered that the preferred option would have a positive impact on the objectives relating to community severance; air quality; the use of more sustainable transport modes; and the vitality and viability of the Borough's town centres. It is, however, acknowledged that there is only a low level of certainty that the preferred option would have a positive impact on the objective relating to the vitality and viability of the Borough's town centres due to the fact that the preferred option also seeks to ensure that new development has linkages to larger centres outside of the Borough which could potentially exacerbate existing levels of expenditure leakage.

The preferred option states that new development will be expected to respond to, compliment and integrate with green infrastructure. It also requires new development to respond to the challenges of climate change, incorporate landscaping which promotes biodiversity, ensure the integration of high quality open spaces, compliment the positive characteristics of features of historic interest, and be designed to minimise crime, fear of crime and anti-social behaviour. The preferred option should therefore have a positive impact on the objectives relating to green infrastructure, adapting to climate change, biodiversity, landscape character and accessibility, health, Knowsley's built heritage and crime.



CS20: Managing the Boro	ugh's He	ritage							
		Timescale)			Nature of Eff	fect		
SA Objective	0-5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
Social									
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Improved quality of life.		
economic inclusion.	Comments: The preferred option encourages the re-use of vacant and underused historic assets and states that favourable consideration will be given to schemes the importance of the asset for the economy. The preferred option could thereby result in the creation of premises for new businesses. In addition, prote enhancing buildings and features of historic interest should help create more attractive places to invest in. The preferred option could thereby lead to the employment opportunities and, as a result, have a positive impact on the objective and its sub-objective of increasing rates of economic activity.								
S2. To improve local	0	0	0	Medium	N/A	N/A			
accessibility of goods, services and amenities and reduce community severance.	Comments: Unlikely to have any significant effects								
S3. To improve safety and	0	0	0	Medium	N/A	N/A			
reduce crime, disorder and fear of crime.	Comments Unlikely to	<u>s:</u> have any sig	gnificant effe	cts					
S4. To support voluntary and	0	0	0	Medium	N/A	N/A			
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments: Unlikely to have any significant effects								
S5. To improve health and	0	0	0	Medium	N/A	N/A			
reduce health inequalities.	Comments: Unlikely to have any significant effects								
S6. To provide good quality,	0	0	0	Medium	N/A	N/A			
affordable and resource efficient housing.	Comments: Unlikely to have any significant effects								
S7. To improve educational	0	0	0	Medium	N/A	N/A			

CS20: Managing the Boro	ugh's He	ritage										
		Timescale	;									
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
attainment, training and opportunities for lifelong learning and employability.		Comments: Unlikely to have any significant effects										
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas,	++	++	++	Medium	Borough wide	Long term	Secondary impacts on perceptions of the area and sense of place.	Include a reference to preserving and enhancing archaeological assets.				
sites and features.	Knowsley has 121 Listed Buildings and 15 Conservation Areas. It also has two parks included on the English Heritage Register of Parks and Garde Knowsley's listed building are considered to be 'at risk', two of the Borough's conservation areas are classified as being 'at risk'. The preferred optio the preservation and enhancement of the Borough's historic assets. It would also encourage the sympathetic reuse of vacant and underused historic therefore considered that the preferred option has the potential to have a major positive impact on the objective. It is however noted that the preferred option would have impact on this objective.											
Environment	ı		ı	T		ı						
E1. To protect, enhance and manage the local character and	+	+	+	Medium	Local	Long term	Secondary impact on perceptions of the area.					
accessibility of the landscape and countryside across Knowsley.	Comments: The preferred option would encourage the preservation and enhancement of the Borough's heritage assets, including sites included on the English Heritage Reg of Parks and Gardens. Parts of Knowsley Hall Park and Croxteth Park are included on this list and would therefore be protected by the preferred option. Both of sites provide important open space in the Borough and, as a result, the preferred option should have some positive impact on the objective of protecting the local character and accessibility of the landscape.											
E2. To protect, enhance and	0	0	0	Medium	N/A	N/A						
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments: Unlikely to have any significant effects											
E3. To adapt to climate change	0	0	0	Medium	N/A	N/A						
including flood risk.	Comments Unlikely to	<u>s:</u> have any siç	gnificant effe	ects								

CS20: Managing the Boro	ugh's He	ritage							
		Timescale				Nature of Eff	fect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
E4. To mitigate climate change	0	0	0	Medium	N/A	N/A			
including using energy prudently and efficiently and increasing energy generated from renewable sources.	Comments Unlikely to	: have any siç	nificant effe						
E5. To provide, conserve, maintain and enhance green	+	+	+	Medium	Local	Long term	Secondary impact on perceptions of the area.		
infrastructure.	The preferi of Parks ar sites are in	Comments: The preferred option would encourage the preservation and enhancement of the Borough's heritage assets, including sites included on the English Heritage Region Parks and Gardens. Parts of Knowsley Hall Park and Croxteth Park are included on this list and would therefore be protected by the preferred option. Both of the sites are important parts of Knowsley's green infrastructure network and, as a result, the preferred option should have some positive impact on the objective of conserving and maintaining green infrastructure.							
E6. To protect, manage and	0	0	0	Medium	N/A	N/A			
restore land and soil quality.	Comments Unlikely to	<u>:</u> have any siç	nificant effe	cts					
E7. To protect, improve and	0	0	0	Medium	N/A	N/A			
where necessary, restore the quality of inland, and estuarine waters.	Comments Unlikely to	: have any siç	nificant effe	cts					
E8. To protect, and where	0	0	0	Medium	N/A	N/A			
necessary, improve local air quality.	Comments Unlikely to	<u>:</u> have any siç	nificant effe	cts					
E9. To use water and mineral	0	0	0	Medium	N/A	N/A			
resources prudently and efficiently.	Comments Unlikely to	: have any sig	ınificant effe						
E10. To reduce the need to travel	0	0	0	Medium	N/A	N/A			
and improve choice and use of more sustainable transport mode.	Comments Unlikely to	: have any siç	nificant effe	cts					
E11. To minimise the production	0	0	0	Medium	N/A	N/A			

ugh's He	ritage									
•	Timescale)			Nature of Eff	fect				
0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Seeking to and decrea	Seeking to prevent demolition of historic assets and encouraging the re-use of vacant and underused historic assets may reduce the need construct new buildings and decrease volumes of construction and demolition waste. Nevertheless, it is not anticipated that the preferred option would have a significant impact on the									
+	+	+	Medium	Borough wide	Long term	Reduced deprivation.				
The preferred option encourages the re-use of vacant and underused historic assets and states that favourable consideration will be given to schemes that enhance the importance of the asset for the economy. The preferred option could thereby result in the creation of premises for new businesses. In addition, protecting and enhancing buildings and features of historic interest should help create more attractive places to live and invest. The preferred option could thereby lead to the										
The preferr centre cons therefore e	+ + + Medium Local Long term Comments: The preferred option would encourage the preservation and enhancements of local assets and areas of historic importance. This would include the Prescot town centre conservation area. The preferred option could also facilitate investment in this area by encouraging the re-use of vacant and underused historic assets. It is therefore envisaged that the preferred option could have a positive impact on the image of Prescot town centre and thereby have some positive impact on its vitality									
+ + + Medium Borough Long term Reduced deprivation. Comments: The preferred option encourages the re-use of vacant and underused historic assets and states that favourable consideration will be given to schemes that enhance the importance of the asset for the economy. The preferred option could thereby result in the creation of premises for new businesses. In addition, protecting and enhancing buildings and features of historic interest should help create more attractive places to invest in. The preferred option could thereby lead to the creation of employment opportunities and, as a result, have a positive impact on the objective and its sub-objective of reducing unemployment.										
	Comments The prefer the imports enhancing creation of + Comments The prefer the imports enhancing creation of the prefer centre con therefore e and viabilit the imports and viabilitit enhancing	Comments: Seeking to prevent den and decrease volumes volumes of waste production of the analysis of the analy	Timescale 0 - 5	Timescale 0 - 5 5 - 10 10+ Certainty Scale Permanence Secondary, cumulative, synergistic Comments: Seeking to prevent demolition of historic assets and encouraging the re-use of vacant and underused historic assets may rean decrease volumes of construction and demolition waste. Nevertheless, it is not anticipated that the preferred option wou volumes of waste produced in the Borough. +						

CS20: Managing the Borough's Heritage										
		Timescale								
SA Objective	0 – 5	5 – 10	10+	Certainty	Scale	Permanence	Secondary, cumulative,	Mitigation		
	years	years	years				synergistic			

The preferred option would have a largely positive impact on the sustainability objectives. In particular, by supporting the preservation and enhancement of the Borough's historic assets and encouraging the sympathetic reuse of vacant and underused historic assets, it is envisaged that the preferred option would have a major positive impact on the objective of preserving, enhancing and managing Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features. It is however noted that the preferred option does not contain any reference to protecting archaeological assets. It is considered that this reduces the level of certainty that the preferred option would have a major positive impact on this objective.

The preferred option encourages the re-use of vacant and underused historic assets and states that favourable consideration will be given to schemes that enhance the importance of the asset for the economy. The preferred option could thereby result in the creation of premises for new businesses. In addition, protecting and enhancing buildings and features of historic interest should help create more attractive places to invest in and would lead to enhancements to Prescot town centre. Consequently, the preferred option also has the potential to have a positive impact on the objectives relating to poverty and deprivation; increasing the number of new businesses; enhancing the vitality and viability of town and local centres; and maintaining high and stable levels of employment and reducing long-term unemployment.

The preferred option would encourage the preservation and enhancement of the Borough's heritage assets, including sites included on the English Heritage Register of Parks and Gardens. Accordingly, the protection afforded by the preferred option to parts of Knowsley Hall Park and Croxteth Park should ensure that the preferred option has a positive impact on the objectives of protecting the local character and accessibility of the landscape and conserving and maintaining green infrastructure.

Key for effects											
++ major positive;	+ minor positive;	0 neutral;	minor negative;	– major negative;	? uncertain						

CS21: Urban Greenspaces	5									
		Timescale	•			Nature of Eff	ect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
Social										
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Improved quality of life.			
economic inclusion.	Open and seeks to reoption also	Comments: Open and greenspaces have a key role in enhancing the health and wellbeing of communities by encouraging physical activity and exercise. The preferred option seeks to resist the loss of greenspace in order to maintain an appropriate range of sites and address quantitative needs for sports at a community area. The prefer option also seeks to support improvements to, and the provision of new areas of, greenspace. It is therefore considered that the preferred option has the potential have a positive impact on the sub-objective relating to improving health and reducing long-term limiting illness.								
S2. To improve local accessibility of goods, services	+	+	+	Medium	Borough wide	Long term	Improved quality of life and health.			
and amenities and reduce community severance.		red option in					and seeks to ensure the provision of greul uld have a positive impact on access to			
S3. To improve safety and reduce crime, disorder and fear	+	+	+	Medium	Borough wide	Long term	Improved quality of life.			
of crime.		red option wo					ure. It is also stated that new facilities wive of improving safety and reducing crir			
S4. To support voluntary and	0	0	0	Medium	N/A	N/A				
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments: Unlikely to have any significant effects									
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term	Improved quality of life.			

CS21: Urban Greenspaces	S							
		Timescale	•			Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
	seeks to re option also have a pos	greenspaces esist the loss seeks to su sitive impact	of greenspa pport improv on the objec	nce in order to ma vements to, and the tive.	intain an appro ne provision of i	priate range of sites new areas of, green	nunities by encouraging physical activity s and address quantitative needs for spo aspace. It is therefore considered that the	rts at a community area. The preferred
S6. To provide good quality, affordable and resource efficient housing.	O Comments Unlikely to	0 :: have any sig	0 Inificant effe	Medium ects	N/A	N/A		
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	O O Medium N/A N/A Comments: Unlikely to have any significant effects							
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	O Comments Unlikely to	0 :: have any sig	O Inificant effe	Medium	N/A	N/A		
Environment								
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	+ + + + + + + + High Borough wide Long term Secondary impacts on perceptions of the Borough and health. Comments: The preferred option seeks to resist the loss of greenspace in order to maintain an appropriate range of sites and address quantitative needs for sports at a community area. The preferred option also seeks to support improvements to existing greenspace and the provision of new areas of greenspace. It also seeks to ensure that new open space is accessible for all members of the community and well maintained. It is therefore considered that the preferred option has the potential to have a major positive impact on the objective and the sub-objectives of providing the required amount of open space; providing open space in accessible locations improving the quality of open spaces; and improving the cleanliness of open space areas.							
E2. To protect, enhance and manage biodiversity, the viability	++	++	++	Medium	Borough wide	Long term		

CS21: Urban Greenspaces	S										
	•	Timescale				Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments: Open and greenspaces have a key role in providing habitats for flora and fauna. The preferred option seeks to resist the loss of greenspace. It also star Council will encourage the provision of new areas of greenspace which conserve natural features, wildlife and fauna. The preferred option also encourage retention of trees, woodland and vegetation which offer a positive contribution to biodiversity/wildlife interest. It is therefore envisaged that the preferred have a positive impact on the objective and its sub-objective of conserving and enhancing the natural environment, including species and habitat diversity.										
E3. To adapt to climate change including flood risk.	+	+	+ +	Medium	Borough wide	Long term					
	Comments: The preferred option seeks to maintain and improve the provision of greenspaces in the Borough which has the potential to provide enhanced flood rist through water storage or reduced rates of surface water run-off. In addition, the protection of urban greenspaces will also help control the higher sumre temperatures associated with climate change through the provision of shade and will also provide additional habitat for species. The impact of the prethe objective is likely to become increasingly significant as the effects of climate change increase.										
E4. To mitigate climate change including using energy prudently	+	+	+	Medium	Borough wide	Long term					
and efficiently and increasing energy generated from renewable sources.	Comments: The policy seeks to retain existing trees and woodland and secure the appropriate planting of trees and other soft landscaping in new development. These trees and woodland could help remove carbon dioxide from the atmosphere and thereby have some positive impact on the objective and the sub-objective of reducing carbon dioxide emissions.										
E5. To provide, conserve, maintain and enhance green	++	++	+ +	High	Borough wide	Long term	Secondary impacts on perceptions of the Borough and health.				
infrastructure.	The preferi	Comments: The preferred option seeks to resist the loss of greenspace where it would cause significant harm to existing or potential green infrastructure. The preferred option also seeks to support the provision of new areas of greenspace. It is therefore considered that the preferred option has the potential to have a positive impact on the objective and its sub-objective of improving the size and quality of the green infrastructure network.									
E6. To protect, manage and restore land and soil quality.	+	+	+	Medium	Borough wide	Long term					
. ,	Comments The preferrations soil.		eks to preve	ent the loss of exis	sting areas of g	reenspace and shou	uld thereby have some positive impact o	on the objective of protecting land and			

CS21: Urban Greenspaces	8										
		Timescale				Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E7. To protect, improve and where necessary, restore the	+	+	+	Medium	Borough wide	Long term	Secondary impacts on biodiversity.				
quality of inland, and estuarine waters.	and the ap	red option se propriate pla	nting of new	trees. The prefe	rred option thei	refore has the poten	e Borough. In addition, it requires the ret ntial to provide increased water storage ucing the likelihood of pollutants being v	and reduce rates of surface water run-			
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.				
	Comments: The policy seeks to retain existing trees and woodland and secure the appropriate planting of trees and other soft landscaping in new development. These trees and woodland could help remove some pollutants from the atmosphere and thereby have some positive impact on air quality.										
E9. To use water and mineral	0	0	0	Medium	N/A	N/A					
resources prudently and efficiently.	Comments Unlikely to	: have any sig	ınificant effe	ects							
E10. To reduce the need to travel	0	0	0	Medium	N/A	N/A					
and improve choice and use of more sustainable transport mode.	Comments Unlikely to	: have any sig	ınificant effe	ects							
E11. To minimise the production	0	0	0	Medium	N/A	N/A					
of waste and increase reuse, recycling and recovery rates.	Comments Unlikely to	<u>:</u> have any sig	ınificant effe	ects							
Economic											
EC1. To improve the competitiveness and	+	+	+	Medium	Borough wide	Long term					
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	Comments: The provision of a sufficient supply of attractive urban greenspaces could have a positive impact on the image of the Borough and thereby increase its attractive urban greenspaces could have a positive impact on the image of the Borough and thereby increase its attractive urban greenspaces could have a positive impact on the image of the Borough and thereby increase its attractive urban greenspaces could have a positive impact on the image of the Borough and thereby increase its attractive urban greenspaces.										

		Timescale							
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
EC2. To enhance the vitality and viability of town and local centres.	O Comments Unlikely to	O O O Medium N/A N/A Comments: Unlikely to have any significant effects							
C3. Maintain high and stable evels of employment and reduce ong-term unemployment.		O O Medium N/A N/A Comments: Unlikely to have any significant effects							

Sustainability Summary

The preferred option for Urban Greenspaces would have a positive impact on a wide range of objectives. In seeking to resist the loss of greenspace in and supporting the provision of new areas of greenspace in order to maintain an appropriate range of sites the preferred option is likely to have a major positive impact on the objective of protecting, enhancing and managing the local character and accessibility of the landscape; and providing, conserving, maintaining and enhancing green infrastructure; and some positive impact on the objectives relating to poverty and social deprivation; health; and protecting land and soil.

The preferred option encourages the provision of new areas of greenspace which conserve natural features, wildlife and fauna and encouraging the retention of trees, woodland and vegetation which offer a positive contribution to biodiversity/wildlife interest. It should therefore have a major positive impact on the objective relating to biodiversity. By seeking to retain existing woodland and secure the appropriate planting of trees and other soft landscaping in new development the preferred option should have some positive impact on the objectives relating to mitigating climate change and air quality. Furthermore, the retention of greenspaces and existing trees and woodlands has the potential to provide enhanced flood risk management through water storage or reduced rates of surface water run-off. It is therefore considered that the preferred option has the potential to have a positive impact on the objectives relating to adapting to climate change and the protecting the quality of inland and estuarine waters.

The preferred option should help ensure that the borough has an adequate supply of accessible, high quality greenspaces. This should have a positive impact on the objective relating to community severance and, by increasing the attractiveness of the Borough as a place to live and invest, could also have a positive impact on the objective relating to improving competitiveness and increasing the number of new businesses.



CS22: Sustainable and Lo	w Carbo	n Develo	pment								
	•	Timescale				Nature of Eff	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social deprivation and secure	+	+	+	Medium	Borough wide	Long term	Improved quality of life				
economic inclusion.	Comments: The preferred option would result in the provision of housing built to high standards of design and sustainable design. Given that good quality housing is a sign contributor to health, it is envisaged that the preferred option would have some positive impact on the sub-objective relating to improving health. In addition, as new housing would be built to higher standards of energy efficiency in order to comply with the Code for Sustainable Homes standards, the preferred option had potential to result in reduced incidence of fuel poverty.										
S2. To improve local	0	0	0	Medium	N/A	N/A					
accessibility of goods, services and amenities and reduce community severance.		Comments: Unlikely to have any significant effects									
S3. To improve safety and	0	0	0	Medium	N/A	N/A					
reduce crime, disorder and fear of crime.	Comments Unlikely to	: have any sig	nificant effe	cts							
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					
community networks, assist social exclusion and ensure community involvement in decision-making.	Comments Unlikely to	: have any sig	gnificant effe	cts							
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term	Improved quality of life				
-	contributor new housir										

CS22: Sustainable and Lo	w Carbo	n Develo	pment						
		Timescale				Nature of Eff	iect		
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation	
S6. To provide good quality, affordable and resource efficient	+	+	+	Medium	Borough wide	Long term	Reduced incidence of fuel poverty.		
housing.	compliance a developn envisaged The preferr preferred o	nal costs as with these s nent unviable that the prefered option we ption also re	standards is then developmented option build require quires comp	required by nation opers may instead should not have a new housing to in	nal policy and in the required to a significant imp corporate high for Sustainable	t is noted that the promake a financial control of the delivery standards of insulate Homes standards.	s could have a negative impact on hous eferred option specifies that if compliand ontribution to the Council's 'Carbon Com of housing in the Borough. ion, heat retention, natural ventilation ar It is therefore envisaged that the preferr	ce with these standards would render pensation Fund'. It is therefore and passive solar techniques. The	
S7. To improve educational	0	0	0	Medium	N/A	N/A			
attainment, training and opportunities for lifelong learning and employability.	Comments Unlikely to	: have any siç	nificant effe	cts					
S8. To preserve, enhance and manage Knowsley's rich	0	0	0	Medium	N/A	N/A			
diversity of cultural, historic and archaeological buildings, areas, sites and features.		Comments: Unlikely to have any significant effects							
Environment									
E1. To protect, enhance and	0	0	0	Medium	N/A	N/A			
manage the local character and accessibility of the landscape and countryside across Knowsley.	Comments Unlikely to	: have any siç	nificant effe	cts					
E2. To protect, enhance and manage biodiversity, the viability	+	+	+	Medium	Borough wide	Long term	Secondary impact on perceptions of the Borough.		

CS22: Sustainable and Lo	w Carbo	n Develo	pment								
		Timescale	•			Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
of protected and endangered species, habitats, geodiversity and sites of geological importance.	likely to off	he preferred option would require new development to minimise carbon emissions by incorporating landscaping, including green walls and roofs. These features are kely to offer new habitats for species and could therefore have a positive impact on the objective to protect, enhance and manage biodiversity, the viability of rotected and endangered species and habitats.									
E3. To adapt to climate change including flood risk.	++	++	++	Medium	Borough wide	Long term					
J	The prefer	Comments: The preferred option requires new development to manage flood risk, including through the use of sustainable drainage systems and flood resilience measures. The preferred option also requires new development to minimise carbon emissions by incorporating landscaping, including green walls and roofs, which could reduce rates of surface water run-off.									
E4. To mitigate climate change including using energy prudently and efficiently and increasing	++	++	++	High	Borough wide	Long term	Reduced incidence of fuel poverty. Reduced operating costs for businesses.				
energy generated from renewable sources.	Comments: The preferred option requires new development to be built to Code for Sustainable Homes/BREEAM standards. It also states that new development through incorporating high standards of insulation, heat retention, natural ventilation and passive solar techniques. It also encourages new development incorporate low carbon and renewable energy where feasible and would lead to the establishment 'Priority Zones' where all major developments will to include decentralised and renewable low carbon energy systems. Furthermore, the preferred option seeks to encourage the use of locally sourced would reduce carbon emissions associated with the transportation of materials. As a result, it is concluded that the preferred option is likely to have a impact on the objective and its sub-objective of reducing carbon dioxide emissions.							rages new development to or developments will be encouraged use of locally sourced materials which			
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A					
maintain and enhance green infrastructure.	Comments Unlikely to	s: have any sig	gnificant effe	cts							
E6. To protect, manage and restore land and soil quality.	O Comments Unlikely to	0 :: have any siç	0 gnificant effe	Medium cts	N/A	N/A					
E7. To protect, improve and where necessary, restore the	+	+	+	Medium	Borough wide	Long term	Positive secondary benefits for biodiversity.				

CS22: Sustainable and Lo	w Carbo	n Develo	pment								
		Timescale	•			Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
quality of inland, and estuarine waters.	The preferrand walls.	Comments: The preferred option requires development to manage flood risk, including through the use of SuDS, and incorporating appropriate landscaping, including green roofs and walls. The preferred option therefore has the potential to provide increased water storage and reduce rates of surface water run-off. Collectively these measures could result in positive benefits for water quality by reducing the likelihood of pollutants being washed into receiving water bodies.									
E8. To protect, and where	0	0	0	Medium	N/A	N/A					
necessary, improve local air	Comments										
quality.	Unlikely to	nlikely to have any significant effects									
E9. To use water and mineral resources prudently and efficiently.	+	+	+	Medium	Borough wide	Long term					
	The preferred option states that new development will be required to make the most effective and sustainable use of water, aggregates and other resources. In addition, the requirement for new development to be built to Code for Sustainable Homes/BREEAM standards should ensure that new development incorporates water conservation measures and increases the usage of recycled materials. As a result, it is envisaged that the preferred option will have some positive impact on the objective.										
E10. To reduce the need to travel	0	0	0	Medium	N/A	N/A					
and improve choice and use of	Comments	_									
more sustainable transport mode.	Unlikely to	have any sig	gnificant effe	cts							
E11. To minimise the production of waste and increase reuse,	+	+	+	Medium	Borough wide	Long term	Reduced requirement to identify sites for landfill.				
recycling and recovery rates.	Comments	<u>)</u> .									
	The prefer	red option re	quires devel	opment to promot	te sustainable v	vaste behaviour in r	new and existing developments. In add	dition, the requirement for new			
	development to be built to Code for Sustainable Homes/BREEAM standards should ensure that measures are taken to reduce construction waste and/or including usage of recycled materials. It is therefore considered that the preferred option should have some positive impact on the objective.										
	usage of re	ecycled mate	rials. It is the	eretore considered	d that the prefe	rred option should h	nave some positive impact on the obje	ctive.			
Economic											
EC1. To improve the	+	+	+	Medium	Borough	Long term	Increased employment				
competitiveness and					wide		opportunities.				

CS22: Sustainable and Lo	w Carbo	n Develo	pment								
	•	Timescale				ect					
SA Objective	0 – 5 years	5 – 10 years	Mitigation								
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	The policy	Comments: The policy will improve the sustainability of the economy by providing more energy efficient premises for businesses. This could reduce operating costs for businesses and improve their competitiveness.									
EC2. To enhance the vitality and viability of town and local centres.	_	0 0 0 Medium N/A N/A Comments: Unlikely to have any significant effects									
EC3. Maintain high and stable levels of employment and reduce long-term unemployment.	O O Medium N/A N/A Comments: Unlikely to have any significant effects										

Sustainability Summary

It is envisaged that the preferred option for Sustainable and Low Carbon Development would have a positive impact on a number of sustainability objectives, particularly those that relate to environmental issues. The preferred option requires new development to manage flood risk, including through the use of sustainable drainage systems and flood resilience measures. It also requires new development to be built to Code for Sustainable Homes/BREEAM standard, requires new developments to limit energy use and encourages new development to incorporate low carbon and renewable energy technologies and use of locally sourced materials. It is therefore considered that the preferred option has the potential to have a major positive impact on the objectives of adapting to climate change and mitigating climate change. By requiring new development to comply with Code for Sustainable Homes/BREEAM standards the preferred option should also have some positive impact on the objectives relating to using water and mineral resources prudently; and minimising the production of waste and increasing reuse, recycling and recovery rates. In addition, the encouraging of Sustainable Drainage Systems, landscaping and green roofs/walls should ensure that the preferred option also has a positive impact on the objectives relating to biodiversity and water quality.

The preferred option would require new housing to incorporate high standards of insulation, heat retention, natural ventilation and passive solar techniques. The preferred option also requires compliance with Code for Sustainable Homes standards. It is therefore envisaged that the preferred option would have a positive impact on the objective relating to the provision of good quality, resource efficient housing. Given that good quality housing is a significant contributor to health, it is envisaged that the preferred option would thereby also have a positive impact on the objectives relating to poverty and social deprivation and health.



CS23: Renewable and Lov	v Carbon	Infrastr	ucture							
		Timescale				Nature of Eff	ect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
Social										
S1. To reduce poverty and social deprivation and secure	0 Comments	0	0	Medium	N/A	N/A				
economic inclusion.		have any sig	nificant effe	cts						
S2. To improve local	0	0	0	Medium	N/A	N/A				
accessibility of goods, services and amenities and reduce community severance.	Comments Unlikely to	: have any siç	nificant effe	cts						
S3. To improve safety and reduce crime, disorder and fear	+	+	+	Medium	Borough wide	Long term				
of crime.	Comments: The preferred option states that proposals for decentralised, low carbon and renewable energy will only be permitted where they would not have a detrimentation transport safety. The preferred option therefore has the potential to have some positive impact on the sub-objective relating to road safety.									
S4. To support voluntary and	0	0	0	Medium	N/A	N/A				
community networks, assist	Comments	•	, c.							
social exclusion and ensure community involvement in	Unlikely to	have any sig	inificant effe	CTS						
decision-making.										
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term				
	Comments: The preferred option states that proposals for decentralised, low carbon and renewable energy will only be permitted where they would not cause significant harm to public amenity and living conditions. The preferred option should therefore ensure that such proposals do not have a detrimental impact on the health of local communities and thereby have some positive impact on the objective.									
S6. To provide good quality,	0	0	0	Medium	N/A	N/A				
affordable and resource efficient housing.	Comments Unlikely to	<u>:</u> have any sig	nificant effe	cts						
S7. To improve educational	0	0	0	Medium	N/A	N/A				

CS23: Renewable and Low Carbon Infrastructure											
	•	Timescale				Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
attainment, training and opportunities for lifelong learning and employability.		<u>Comments</u> : Unlikely to have any significant effects									
S8. To preserve, enhance and manage Knowsley's rich	+	+	+	High	Borough wide	Long term	Secondary impacts on perceptions of the Borough and sense of place.				
diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments: The preferred option states that proposals for decentralised, low carbon and renewable energy will only be permitted where they would not cause significant harm historical and cultural assets. The preferred option should therefore have some positive impact on the element of the objective that relates to the preservation of Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.										
Environment											
E1. To protect, enhance and manage the local character and	+	+	+	High	Borough wide	Long term					
accessibility of the landscape and countryside across Knowsley.	Comments: The preferred option would prevent proposals for decentralised, low carbon and renewable energy where they would cause significant harm to landscape character. is also stated that such proposals should not cause significant harm to the character and openness of the Green Belt. Accordingly, it is concluded that the preferred option should help protect the local character of the landscape and thereby have a positive impact on the objective.										
E2. To protect, enhance and manage biodiversity, the viability	+	+	+	High	Borough wide	Long term	Secondary impacts on perceptions of the Borough.				
of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments: The preferred option states that proposals for decentralised, low carbon and renewable energy will only be permitted where they would not cause significant harm to natural resources, biodiversity and geodiversity. The preferred option should therefore have some positive impact on the element of the objective that relates to the protection of biodiversity, species, habitats and geodiversity.										
E3. To adapt to climate change including flood risk.	O Comments Unlikely to	0 have any sic	0 Inificant effe	Medium	N/A	N/A					
E4. To mitigate climate change including using energy prudently	++	++	++	Medium	Borough wide	Long term	Increased energy security.				

CS23: Renewable and Lov	v Ca <u>rbon</u>	Infrastru	ucture _										
	•	Timescale	•			Nature of Ef	fect						
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation					
and efficiently and increasing energy generated from renewable sources.	Comments: The preferred option sets out a presumption in favour of permitting proposals for decentralised, low carbon and renewable energy provided that the proposals not have an unacceptable impact on communities or the natural and built environment that could not be mitigated. As a result, the preferred option could supposhift to more low carbon sources of energy generation and thereby have a major positive impact on the objective and its sub-objective of decreasing carbon die emissions.												
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A							
maintain and enhance green	Comments		!C' L - CC -	-1-									
infrastructure.		have any sig	<u></u>		N1/A	N1/A	T	1					
E6. To protect, manage and	Comments	0	0	Medium	N/A	N/A							
restore land and soil quality.		Comments: Unlikely to have any significant effects											
E7. To protect, improve and	+	+	+	High	Borough	Long term	Secondary impacts on biodiversity.						
where necessary, restore the		т		riigii	wide	Long term	Secondary impacts on biodiversity.						
quality of inland, and estuarine	Comments	:		l	Wido	I							
waters.		ty. The prefe					energy will only be permitted where the element of the objective that relates to the						
E8. To protect, and where	+	+	+	High	Borough	Long term	Secondary impacts on health,						
necessary, improve local air quality.					wide		particularly amongst those who suffer from respiratory illnesses.						
	The prefer	Comments: The preferred option states that proposals for decentralised, low carbon and renewable energy will only be permitted where they would not cause significant harm to air quality. The preferred option should therefore have some positive impact on the element of the objective that relates to the protection of air quality.											
E9. To use water and mineral	0	0	0	Medium	N/A	N/A							
resources prudently and	Comments:												
efficiently.	Unlikely to have any significant effects												
E10. To reduce the need to travel	0	0	0	Medium	N/A	N/A							
and improve choice and use of	Comments												
more sustainable transport mode.	Unlikely to	Unlikely to have any significant effects											

CS23: Renewable and Low Carbon Infrastructure										
	•	Timescale)			Nature of Eff	ect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
E11. To minimise the production	0	0	0	Medium	N/A	N/A				
of waste and increase reuse, recycling and recovery rates.	Comments Unlikely to	omments: nlikely to have any significant effects								
Economic										
EC1. To improve the	0	0	0	Medium	N/A	N/A				
competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.		Comments: Unlikely to have any significant effects								
EC2. To enhance the vitality and	0	0	0	Medium	N/A	N/A				
viability of town and local centres.	Comments Unlikely to	-	gnificant effe	cts						
EC3. Maintain high and stable	0	0	0	Medium	N/A	N/A				
levels of employment and reduce long-term unemployment.	Comments: Unlikely to have any significant effects									
Sustainability Summary										

It is envisaged that the preferred option for Renewable and Low Carbon Development would have a positive impact on a number of sustainability objectives, especially those that relate to environmental issues. In particular, by incorporating a presumption in favour of proposals for decentralised, low carbon and renewable energy provided that the proposals would not have an unacceptable impact on communities or the natural and built environment that could not be mitigated, the preferred option could support the shift to more low carbon sources of energy generation and thereby have a major positive impact on the objective relating to mitigating climate change.

By recognising that there are a range of potential environmental and social considerations that should not be significantly harmed by proposals for decentralised, low carbon and renewable energy developments, it is considered that the preferred option should also have some positive impact on the objectives relating to health; Knowsley's built heritage; the character and accessibility of the landscape; biodiversity and geodiversity; water quality; and air quality.



CS24: Managing Flood Ris	sk										
		Timescale)								
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social	0	0	0	Medium	N/A	N/A					
deprivation and secure economic inclusion.	Comments Unlikely to	=	gnificant effe	cts							
S2. To improve local	0	0	0	Medium	N/A	N/A					
accessibility of goods, services and amenities and reduce community severance.		Comments: Unlikely to have any significant effects									
S3. To improve safety and	0	0	0	Medium	N/A	N/A					
reduce crime, disorder and fear of crime.	Comments: Unlikely to have any significant effects										
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					
community networks, assist social exclusion and ensure community involvement in decision-making.		Comments: Unlikely to have any significant effects									
S5. To improve health and	0	0	0	Medium	N/A	N/A					
reduce health inequalities.	Comments Unlikely to		gnificant effe	cts							
S6. To provide good quality,	0	0	0	Medium	N/A	N/A					
affordable and resource efficient housing.	The suppo for housing adjacent to	Comments: The supporting text states that the majority of land at a greatest risk of flooding in Knowsley is located within the Green Belt and is therefore unlikely to be developed for housing unless it is identified as a 'reserve' or 'safeguarded' location in preferred option CS5. Whilst some of these locations for Green Belt release are within or adjacent to areas of flood risk, it is noted that the indicative development capacities assume no development takes places within Flood Zones 2 and 3. It is therefore considered that the preferred option is unlikely to have any significant effects on the provision of housing in the Borough.									
S7. To improve educational	0	0	0	Medium	N/A	N/A	, , , , , , , , , , , , , , , , , , ,				

CS24: Managing Flood Ris	sk											
		Timescale	•			Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
attainment, training and opportunities for lifelong learning and employability.	Comments Unlikely to	Comments: Unlikely to have any significant effects										
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	O Comments Unlikely to	0 :: have any siç	0 Inificant effe	Medium	N/A	N/A						
Environment												
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	O O Medium N/A N/A Comments: Unlikely to have any significant effects											
E2. To protect, enhance and manage biodiversity, the viability	+	+	+	Medium	Borough wide	Long term	Positive secondary impact on biodiversity.					
of protected and endangered species, habitats, geodiversity and sites of geological importance.	therefore c	red option re onsidered th	it the prefer		e potential to ha		-off. The use of SuDS can have some b mpact on the objective and its sub-objec					
E3. To adapt to climate change including flood risk.	+ +	++	++	High	Borough wide	Long term						
j	Comments: Climate change has the potential to increase flood risk through rising sea levels and the occurrence of extreme rainfall events. The preferred option seeks to reduct the extent and impact of flooding by directing development away from areas of greatest risk of flooding, requiring development to incorporate mitigation measures to manage flood risk and the use of SuDS to significantly reduce surface water run-off. It is therefore envisaged that the preferred option would have a major positive impact on the objective and its sub-objective of reducing flood risk.											
E4. To mitigate climate change	0	0	0	Medium	N/A	N/A						

CS24: Managing Flood Ris	sk											
		Timescale				Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
including using energy prudently and efficiently and increasing energy generated from renewable sources.		Comments: Unlikely to have any significant effects										
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A						
maintain and enhance green infrastructure.	Comments Unlikely to	s: have any sig	nificant effe									
E6. To protect, manage and restore land and soil quality.	+	+	+	Medium	Borough wide	Long term	Positive secondary impact on biodiversity.					
E7. To protect, improve and where necessary, restore the	a preferent		to convey si	uch contaminants				ey would mobilise contaminants or act as we impact on the part of the objective that				
quality of inland, and estuarine waters.		red option re			e flood risk, inc			urface water run-off. The preferred option into receiving water bodies.				
E8. To protect, and where	0	0	0	Medium	N/A	N/A						
necessary, improve local air quality.	Comments Unlikely to	s: have any siç	nificant effe	cts								
E9. To use water and mineral	0	0	0	Medium	N/A	N/A						
resources prudently and efficiently.	Comments: Unlikely to have any significant effects											
E10. To reduce the need to travel	0	0	0	Medium	N/A	N/A						
and improve choice and use of more sustainable transport mode.	Comments: Unlikely to have any significant effects											

CS24: Managing Flood Risk												
		Timescale				Nature of Eff	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
of waste and increase reuse, recycling and recovery rates.	<u>Comments</u> : Unlikely to have any significant effects											
Economic												
EC1. To improve the	0	0	0	Medium	N/A	N/A						
competitiveness and	Comments											
productivity of business, exploit	The supporting text states that the majority of land at a greatest risk of flooding in Knowsley is located within the Green Belt and is therefore unlikely to be developed											
the growth potential of business		for employment unless it is identified as a 'reserve' or 'safeguarded' location in preferred option CS5. Whilst some of these locations for Green Belt release are within										
sectors and increase the number		or adjacent to areas of flood risk, it is noted that the indicative development capacities assume no development takes places within Flood Zones 2 and 3. It is										
of new businesses.		therefore considered that the preferred option is unlikely to restrict the provision of an adequate supply of employment land in the Borough. As a result, it is concluded										
	that the preferred option is unlikely to have any significant effects on the objective.											
EC2. To enhance the vitality and	?	?	?	Low	Local	Long term		Preferred option is in accordance with				
viability of town and local								national guidance in relation to				
centres.								directing development away from areas				
								at greatest risk of flooding. As such, no				
<u> </u>								mitigation measures are proposed.				
	Comments											
							associated with highway flooding and					
							and Kirkby. It is anticipated that clima					
								erred option could thereby have some				
		nvestment le	evels in some	e of the Borough's	s centres and, a	as a consequence, it	ts impact on the objective is considered	d to be uncertain.				
EC3. Maintain high and stable	0	0	0	Medium	N/A	N/A						
levels of employment and reduce	<u>Comments</u> :											
long-term unemployment.	Unlikely to have any significant effects											
Sustainability Summary												

CS24: Managing Flood Risk										
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		

The preferred option seeks to reduce the extent and impact of flooding by directing development away from areas of greatest risk of flooding, requiring development to incorporate mitigation measures to manage flood risk and the use of Sustainable Drainage Systems to significantly reduce surface water run-off. It is therefore envisaged that the preferred option would have a major positive impact on the objective of adapting to climate change, and some positive impact on the objectives relating to biodiversity; land and soil quality; and water quality.

The supporting text states that the majority of land at a greatest risk of flooding in Knowsley is located within the Green Belt and is therefore unlikely to be developed for employment unless it is identified as a 'reserve' or 'safeguarded' location in preferred option CS5. Whilst some of these locations for Green Belt release are within or adjacent to areas of flood risk, it is noted that the indicative development capacities for these locations assume no development takes places within Flood Zones 2 and 3. It is therefore considered that the preferred option is unlikely to restrict the provision of an adequate supply of housing and employment land in the Borough. As a result, it is concluded that the preferred option is unlikely to have any significant effects on the objectives relating to the provision of good quality housing and exploiting the growth potential of business sectors and increasing the number of new businesses.

It is not envisaged that the preferred option would have a negative impact on any of the sustainability objectives. Nevertheless, the SFRA noted that surface water flooding incidents are prevalent in all major settlements within the Council's boundaries, including Halewood, Huyton, Prescot, Knowsley Village and Kirkby. The preferred option would result in development being directed away from areas that are at a higher risk of flooding and could thereby have some impact on levels of investment in the Borough's centres. As a consequence, the impact of the preferred option on the objective of enhancing the vitality and viability of town and local centres is considered to be uncertain.

Key for effects
++ major positive; + minor positive; 0 neutral; – minor negative; – major negative; ? uncertain

CS25: Management of Mir	neral Res	ources								
		Timescale								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
Social										
S1. To reduce poverty and social deprivation and secure economic inclusion.	O Comments Unlikely to	-	0 Inificant effec	Medium	N/A	N/A				
S2. To improve local accessibility of goods, services and amenities and reduce community severance.	0 Comments									
S3. To improve safety and reduce crime, disorder and fear of crime.	0 0 0 Medium N/A N/A Comments: Unlikely to have any significant effects									
S4. To support voluntary and community networks, assist social exclusion and ensure community involvement in decision-making.										
S5. To improve health and reduce health inequalities.	+	+	+	Medium	Borough wide	Long term	Impact on quality of life	Include requirement for proposals for the recycling of aggregates to comply with the criteria in the Site Allocations and Development Policies DPD.		
	Both prima application effectively. noise. The	Comments: Both primary extraction and the recycling of aggregates have the potential to impact on health through, for example, dust and noise. The preferred option states that applications for mineral extraction will need to comply with a set of criteria which will ensure that the impacts of such developments are controlled and managed effectively. This should ensure that mineral extraction does not have a detrimental impact on the health of communities through, for example, dust emissions and noise. The preferred option does not contain the same requirement for proposals for the recycling of aggregates. Nevertheless, it is acknowledged that environmental regulations and planning conditions have the capability to mitigate any adverse impact.								

CS25: Management of Mineral Resources								
	Timescale			Nature of Effect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
S6. To provide good quality, affordable and resource efficient housing.	+	+	+	Medium	Borough wide	Long term		Include a list of types of applications that would be excluded from the requirement to ensure a proportionate approach is taken to safeguarding mineral resources.
	Comments: Identifying the importance of local sources of brick clay for the future viability of the brick making industry may support the house building industry and thereby have a positive impact on the objective. The identification of Mineral Safeguarding Areas (MSA) should also ensure that there are sufficient minerals to support the ambitious growth strategy for the Borough. The requirement to extract minerals prior to non-minerals development taking place in a MSA could however result in some delays to the development process and it is also noted that the preferred option does not state whether any types of non-minerals development within a MSA, for instance householder developments, would be exempt from the requirement to ensure a proportionate approach is taken to safeguarding mineral resources.							
S7. To improve educational attainment, training and opportunities for lifelong learning and employability.	0	0	0	Medium	N/A	N/A		
	Comments: Unlikely to have any significant effects							
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on the image of the Borough.	
	Comments: The primary extraction of minerals has the potential to impact on the significance of heritage assets. However, the preferred option seeks to reduce the need for primary extraction by facilitating the greater use of recycled aggregates and secondary mineral products. In addition, the preferred option requires applications for mineral extraction to comply with a set of criteria which will ensure that the impacts of such developments are controlled and managed effectively. This should ensure that mineral extraction does not have a detrimental impact on the significance of the Borough's heritage assets.							
Environment								
E1. To protect, enhance and manage the local character and accessibility of the landscape and countryside across Knowsley.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on the image of the Borough.	Ensure proposals for minerals working are required to retain existing local access routes or amend them to maintain a similar level of access.

CS25: Management of Mir	Management of Mineral Resources Timescale Nature of Effect											
		Timescale)									
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
	The primar reduce land by facilitatin comply with extraction of	Comments: The primary extraction of minerals has the potential to impact on the local character of the landscape. It is also recognised that minerals extraction has the potential to reduce landscape accessibility if it leads to the extinguishment of public rights of way. However, the preferred option seeks to reduce the need for primary extraction by facilitating the greater use of recycled aggregates and secondary mineral products. In addition, the preferred option requires applications for mineral extraction to comply with a set of criteria which will ensure that the impacts of such developments are controlled and managed effectively. This should ensure that mineral extraction does not have a detrimental impact on landscape character and accessibility. It is therefore envisaged that the preferred option would have a positive impact on the objective.										
E2. To protect, enhance and manage biodiversity, the viability	+	+	+	Medium	Borough wide	Long term	Secondary impacts on the image of the Borough.					
of protected and endangered species, habitats, geodiversity and sites of geological importance.	seeks to re requires ap effectively. therefore e	y extraction duce the ne- plications fo This should nvisaged tha	ed for primar r mineral ext ensure that at the preferr	y extraction by fa raction to comply mineral extractior	cilitating the gre with a set of cr does not have have a positive	eater use of recycled iteria which will ens a detrimental impa	species and sites of geological importar d aggregates and secondary mineral pro ure that the impacts of such developmen ct on biodiversity, protected species and tive and its sub-objective of conserving a	ducts. In addition, the preferred option nts are controlled and managed I sites of geological importance. It is				
E3. To adapt to climate change including flood risk.	+	+	+	Medium	Borough wide	Long term						
-	Comments: The preferred option states that applications for mineral extraction will need to comply with a set of criteria which will ensure that the impacts of such developments are controlled and managed effectively. This should ensure that mineral extraction does not exacerbate flood risk.											

CS25: Management of Min	CS25: Management of Mineral Resources											
		Timescale)			Nature of Eff	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
E4. To mitigate climate change including using energy prudently and efficiently and increasing energy generated from renewable sources.	? Comments		?	Low	Borough wide	Long term	way, which should minimise carbon emi	National planning guidance stipulates that the planning system should not predetermine the appropriate levels of coal to be produced by underground or opencast mining. The promotion of sustainable modes of transporting minerals by the Plan will help address some of the impacts.				
	There are overseas. transportal increase the Knowsley are on the objective also no output in the out	unworked co Any coal extra tion of minera ne likelihood and it is there ective is unce oted that the ne UK is the	als. al resources raction from als. The burn of the UK be efore highly uertain. Energy Whitimport of coa	in parts of Knows Knowsley therefor ing of fossil fuels, ing 'locked into' d uncertain whether te Paper recognis al over long distan eferred option on t	sley and any ex re has the pote such as coal, ependence on coal will be ex es that coal will ces which wou his objective is	etraction of coal from ntial to have a positi is however a major of fossil fuels. Howeve tracted again from the remain an importar Id have a more sign uncertain.	in the Borough could reduce the need to live impact on the objective by reducing contributor to climate change and extract, there is little information about the via the Borough. As a result, it is concluded int part of the UK's energy mix and that the information and that the contribution is the UK's energy mix and that the contribution is the UK's energy mix and that the contribution is the UK's energy mix and that the contribution is the UK's energy mix and that the contribution is the unit of the UK's energy mix and that the contribution is the contribution in the unit of	import coal into the country from carbon emissions associated with the sting coal from Knowsley could ibility of future coal extraction in that the impact of the preferred option the only alternative to incremental coal				
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A						
maintain and enhance green infrastructure.	Comments: Unlikely to have any significant effects											
E6. To protect, manage and restore land and soil quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on the image of the Borough.					

CS25: Management of Mir	neral Res	ources										
		Timescale				Nature of Ef	fect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
	Comments: Facilitating the better use of recycled aggregates and secondary mineral products will minimise the need for new primary extraction which would help protect land a soil resources from minerals development.											
E7. To protect, improve and where necessary, restore the quality of inland, and estuarine waters.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on biodiversity.	Include requirement for proposals for the recycling of aggregates to comply with the criteria in the Site Allocations and Development Policies DPD.				
	Comments: The preferred option states that applications for mineral extraction will need to comply with a set of criteria which will ensure that the impacts of such developments are controlled and managed effectively. This should ensure that mineral extraction does not have a detrimental impact on water quality.											
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on health, particularly amongst those who suffer from respiratory illnesses.	Include requirement for proposals for the recycling of aggregates to comply with the criteria in the Site Allocations and Development Policies DPD.				
	Comments: Both primary extraction and the recycling of aggregates have the potential to impact on air quality, for example through dust emissions. The preferred option states that applications for mineral extraction will need to comply with a set of criteria which will ensure that the impacts of such developments are controlled and managed effectively. This should ensure that mineral extraction does not have a detrimental impact on air quality. The preferred option does not however contain the same requirement for proposals for the recycling of aggregates. Nevertheless, it is acknowledged that environmental regulations and planning conditions have the capability to mitigate any adverse impact.											
E9. To use water and mineral resources prudently and	++	++	+ +	Medium	Borough wide	Long term						
efficiently.	preferred of secondary	e definition o ption may als sources and	so reduce th by supporti	ne need for primar ng the re-use of c	the preferred or extraction of onstruction and	minerals by seeking	nsure mineral resources are safeguarde g to ensure that a proportion of construc . It is therefore envisaged that the prefer n the objective.	tion aggregates are from recycled or				

CS25: Management of Mir	neral Res	ources									
		Timescale	•			Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E10. To reduce the need to travel and improve choice and use of	+	+	+	Medium	Borough wide	Long term	Secondary impacts on carbon emissions and air quality.				
more sustainable transport mode.	Comments: The preferred option seeks to ensure that operators transport minerals in a sustainable way. As a result, it is considered that the preferred option has the potential to have a positive impact on the objective and its sub-objective of encouraging sustainable transport use. In addition, there are unworked coal resources in parts of Knowsley and any extraction of coal from the Borough could reduce the need to import coal into the country from overseas. However, it is recognised that there is little information about the viability of future coal extraction in Knowsley and it is therefore highly uncertain whether coal will be extracted again from the Borough.										
E11. To minimise the production of waste and increase reuse, recycling and recovery rates.	+	+	+	Medium	Borough wide	Long term	Reduced requirement to identify additional waste landfill sites for unwanted construction and demolition waste.				
Economic	demolition	red option wo wastes are r	nanaged sus	stainably in accord	dance with the	waste hierarchy. Th	recycling and recovery rates by seeking the preferred option may also divert some prefore concluded that the preferred opt	to ensure that construction and e waste from landfill by seeking to ion would have a positive impact on the			
EC1. To improve the competitiveness and productivity of business, exploit the growth potential of business sectors and increase the number	+	+	+	Medium	Borough wide	Long term	Secondary impacts on employment and deprivations.	Include a list of types of applications that would be excluded from the requirement to demonstrate that the mineral resource in that area would not be sterilised.			
of new businesses.	impact on t	the importanthe objective	. The identifi	cation of Mineral	Safeguarding A	Areas (MSA) should	k making industry may support the ecor also ensure that there are sufficient min elopment taking place in a MSA could h	nerals to support the ambitious growth			
EC2. To enhance the vitality and	0	0	0	Medium	N/A	N/A					
viability of town and local centres.	Comments Unlikely to	<u>:</u> have any siç	ınificant effe	cts							

	Timescale					Nature of Ef	fect	
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation
EC3. Maintain high and stable levels of employment and reduce long-term unemployment.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on employment and deprivations.	Include a list of types of applications that would be excluded from the requirement to demonstrate that the mineral resource in that area would not be sterilised.
	Comments: Identifying the importance of local sources of brick clay for the future viability of the brick making industry may support the economy and maintain current opportunities in the minerals sector. By encourage the development of markets for secondary / recycled products, the preferred option may lead to the gesome new employment opportunities in the minerals sector.							

CS25: Management of Mineral Resources										
Timescale Nature of Effect										
SA Objective	0 - 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		

The preferred option for the Management of Mineral Resources would have a positive impact on a wide range of objectives. In particular, the preferred option should have a major positive impact on the objective of using minerals prudently by ensuring that mineral resources are not sterilised unnecessarily and encouraging the use of recycled or secondary construction aggregates as an alternative to primary extraction. The preferred option seeks to reduce the need for primary extraction by facilitating the greater use of recycled aggregates and secondary mineral products. In addition, it requires applications for mineral extraction to comply with a set of criteria which will ensure that the impacts of such developments are controlled and managed effectively. As a result, it is envisaged that the preferred option would have a positive impact on the objectives relating to health; Knowsley's built heritage; landscape character and accessibility; biodiversity and sites of geological importance; flood risk; land and soil quality; water quality; and air quality.

The preferred option would help minimise the production of waste and increase reuse, recycling and recovery rates by seeking to ensure that construction and demolition wastes are managed sustainably in accordance with the waste hierarchy. It also seeks to ensure that operators transport minerals in a sustainable way. It is therefore envisaged that the preferred option would also have some positive impact on the objectives relating to waste and recycling and the use of sustainable modes of transport.

By identifying the importance of local sources of brick clay for the future viability of the brick making industry and ensuring that these resources are not needlessly sterilised, the preferred option should have a positive impact on the objectives relating to the provision of housing; exploit the growth potential of business sectors and increase the number of new businesses; and maintaining high levels of unemployment. It is however acknowledged that the requirement to extract minerals prior to non-minerals development taking place in a Mineral Safeguarding Area could however result in some delays to the development process.

It is not envisaged that the preferred option would have a negative impact on any of the sustainability objectives. Nevertheless, although the preferred option seeks to ensure that operators transport minerals in a sustainable way, it would also potentially encourage the extraction of coal. Recovering this coal would increase the likelihood of the UK being 'locked into' dependence on fossil fuels, which would have an adverse impact on the objective relating to mitigating climate change. As a result, it is concluded that the impact on the objective relating to mitigating climate change is uncertain. It is however recognised that there is little information about the viability of future coal extraction in Knowsley and it is therefore highly uncertain whether coal will be extracted again from the Borough. In addition, it is acknowledged that coal will remain an important part of the UK's energy mix and that the only alternative to incremental coal output in the UK is likely to be the importation of coal over long distances which would have a more significant negative impact on greenhouse gas emissions.



		Timescale)			Nature of Ef	fect			
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
Social		1	•	<u> </u>						
S1. To reduce poverty and social	0	0	0	Medium	N/A	N/A				
deprivation and secure economic inclusion.	Comments Unlikely to	s: have any sig	nificant effe	cts						
S2. To improve local	0	0	0	Medium	N/A	N/A				
accessibility of goods, services and amenities and reduce community severance.	Comments Unlikely to	<u>s:</u> have any siç	gnificant effe	cts						
S3. To improve safety and	0	0	0	Medium	N/A	N/A				
reduce crime, disorder and fear of crime.	Comments: Unlikely to have any significant effects									
S4. To support voluntary and	0	0	0	Medium	N/A	N/A				
community networks, assist	Comments	_	10 . 00							
social exclusion and ensure community involvement in decision-making.	Unlikely to	have any siç	jnificant effe	cts						
S5. To improve health and reduce health inequalities.	+	+	+	Low	Borough wide	Long term	Improved quality of life.			
·	Comments: The preferred option would seek to minimise the impact of new waste management facilities on communities of the Borough. It is therefore envisaged that the preferred option should protect the health of local communities from any adverse impacts associated with waste facilities. It is however acknowledged that other environmental regulations have the capability to mitigate any adverse impact. As a result, there is only a low level of certainty that the preferred option in itself we have a positive impact on the objective.									
S6. To provide good quality,	0	0	0	Medium	N/A	N/A				
affordable and resource efficient housing.	Comments: Unlikely to have any significant effects									
nousing.	OHINGLY 10	mave any Sig	jimicani enei	LIS						

CS26: Waste Management	t										
		Timescale)								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
attainment, training and opportunities for lifelong learning and employability.	Comments Unlikely to	s: have any siç	gnificant effe	cts							
S8. To preserve, enhance and	0	0	0	Medium	N/A	N/A					
manage Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features.	Comments Unlikely to	s: have any siç	gnificant effe	cts	,						
Environment											
E1. To protect, enhance and manage the local character and	+	+	+	Medium	Borough wide	Long term	Secondary impacts on perceptions of the Borough.				
accessibility of the landscape and countryside across Knowsley.	Comments: The preferred option would seek to minimise the impact of new waste management facilities on the environment. It is therefore envisaged that the preferred option should protect the local character of the landscape from any adverse impacts associated with waste facilities.										
E2. To protect, enhance and	0	0	0	Medium	N/A	N/A					
manage biodiversity, the viability of protected and endangered species, habitats, geodiversity and sites of geological importance.	Comments Unlikely to	: have any siç	gnificant effe	cts							
E3. To adapt to climate change	0	0	0	Medium	N/A	N/A					
including flood risk.	Comments: Unlikely to have any significant effects										
E4. To mitigate climate change including using energy prudently	++	++	++	Medium	Borough wide	Long term					

CS26: Waste Managemen	t										
		Timescale)			Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
and efficiently and increasing energy generated from renewable sources.	The preferred option would encourage the sustainable transport of waste. In addition, the promotion of the use of site waste management plans should help minimis the volumes of waste that need to be transported. As a result, it is considered that the preferred option could help reduce carbon emissions associated with the transportation of waste. The requirement to comply with the waste hierarchy which will reduce contributions to climate change by minimising the amount of biodegradable waste. Furthermore, the preferred option encourages the re-use of materials, including those which require a significant amount of energy to produce (i.e. concrete). It is therefore considered that the preferred option has the potential to have a major positive impact on the objective and its sub-objective of minimising carbon dioxide emissions.										
E5. To provide, conserve,	0	0	0	Medium	N/A	N/A					
maintain and enhance green infrastructure.	Comments	: have any sic	nificant offo	ete							
E6. To protect, manage and restore land and soil quality.	+	+	+	Medium	Borough wide	Long term					
	Comments: By seeking to minimise waste, promote the use of recycled materials and ensuring that new development is designed so as to facilitate the collection and recycling of waste, the preferred option should help minimise the need to identify new sites for landfill. As a result, it is considered that the preferred option has the potential to have a positive impact on the objective.										
E7. To protect, improve and where necessary, restore the	+	+	+	Medium	Borough wide	Long term	Secondary impact on the biodiversity value of watercourses.				
quality of inland, and estuarine waters.	waste, the sources of	to minimise preferred op	tion should r r watercours	reduce the amour ses and it is there	nt of waste goin	g to landfill, particul	new development is designed so as to arly biodegradable waste. As a result, the ption would have a positive impact on the	nere will be a reduction in potential			
E8. To protect, and where necessary, improve local air quality.	+	+	+	Medium	Borough wide	Long term	Secondary impacts on air quality and carbon emissions associated with the transportation of minerals.				
		red option wo					ne promotion of the use of site waste ma preferred option would reduce air emissi				

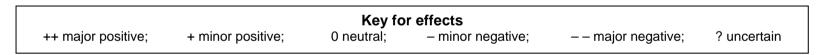
CS26: Waste Managemen	t										
		Timescale				Nature of Eff	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E9. To use water and mineral resources prudently and	++	++	++	Medium	Borough wide	Long term					
efficiently.	Comments: The preferred option promotes the use of recycled materials and the minimisation and recycling of waste. It is therefore envisaged that the preferred option should help ensure that mineral resources are used prudently and efficiently. Consequently, it is concluded that the preferred option has the potential to have a major positive impact on the objective.										
E10. To reduce the need to travel and improve choice and use of more sustainable transport	+	+	+	Medium	Borough wide	Long term	Secondary impacts on air quality and carbon emissions associated with the transportation of minerals.				
mode.	Comments: The preferred option would encourage the sustainable transport of waste. In addition, the promotion of the use of site waste management plans should he the volumes of waste that need to be transported. As a result, it is considered that the preferred option would have a positive impact on the objective of reneed to travel and improving the use of sustainable transport modes.										
E11. To minimise the production of waste and increase reuse,	++	++	++	High	Borough wide	Long term	Reduced need to identify sites for landfill.				
recycling and recovery rates.	preferred o	irpose of the ption also sp	ecifies that i	otion is to ensure new development have a major po	should be des	igned so as to facilit	. It seeks to minimise waste and promo tate the collection and recycling of wast	te the use of recycled materials. The e. As a result, it is considered that the			
Economic											
EC1. To improve the	0	0	0	Medium	N/A	N/A					
competitiveness and productivity of business, exploit	Comments Unlikely to	: have any sid	ınificant effe	cts							
the growth potential of business sectors and increase the number		nave any eng	,								
of new businesses.											
EC2. To enhance the vitality and	0	0	0	Medium	N/A	N/A					
viability of town and local centres.	Comments Unlikely to	: have any sig	nificant effe	cts							
EC3. Maintain high and stable	0	0	0	Medium	N/A	N/A					

CS26: Waste Management										
		Timescale								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
levels of employment and reduce long-term unemployment.										
Sustainability Summary										

It is envisaged that the preferred option for Waste Management would have a positive impact on a number of sustainability objectives, particularly those that relate to environmental issues. The key purpose of the preferred option is to ensure that waste is managed sustainably in order to minimise waste and promote the use of recycled materials. The preferred option also specifies that new development should be designed so as to facilitate the collection and recycling of waste. It is therefore considered that the preferred option has the potential to have a major positive impact on the objectives relating to using mineral resources prudently and minimising the production of waste and increasing reuse, recycling and recovery rates.

The preferred option would encourage the sustainable transport of waste and would promote the use of site waste management plans to minimise the volumes of waste that need to be transported. In addition, the requirement to comply with the waste hierarchy would reduce contributions to climate change by minimising the amount of biodegradable waste going to landfill. It is therefore considered that the preferred option would have a major positive impact on the objective of mitigating climate change, and some positive impact on the objectives relating to land and soil quality; water quality; air quality and the use of sustainable transport modes. The preferred option also seeks to minimise the impacts of waste development on communities and the environment. As such, the preferred option should have some positive impact on the objectives relating to health and landscape character.

There are no negative or uncertain impacts on the sustainability objectives.



CS27: Planning for and Paying for New Infrastructure											
		Timescale	•			Nature of Ef	fect				
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
Social											
S1. To reduce poverty and social deprivation and secure economic inclusion.	+	+	+	Low	Borough wide	Long term	Secondary impacts on quality of life and deprivation.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.			
	It would als recreation. preferred of the sub-ob- due to ther developer	Comments: The preferred option would secure contributions to the improvement of existing and provision of new health infrastructure, including health centres and GP surgeries. It would also secure contributions towards an enhanced provision of public open spaces, sports pitches and sport centres that would offer opportunities for sport and recreation. It is therefore envisaged that the preferred option has the potential to have a positive impact on the sub-objective that relates to improving health. The preferred option would secure contributions to the improvement of existing and provision of new education facilities and could thereby have some positive impact on the sub-objective of improving rates of economic activity. Nevertheless, there is only a low level of certainty over the impact of the preferred option on this objective due to there not being a Community Infrastructure Levy in place at the moment. The preferred option states that due regard will be given to the potential impacts of developer contributions on the viability of new development, which whilst ensuring that the development will go ahead, gives no certainty as to the effect on contributions to infrastructure.									
S2. To improve local accessibility of goods, services and amenities and reduce	+	+	+	Low	Borough wide	Long term	Secondary impacts on quality of life.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.			
community severance.	centres, pr sub-objecti help impro Neverthele place at the	red option wo imary and se ive of improv ve accessibil ess, there is c e moment. T	econdary sch ing commur ity and redu only a low le he preferred	nools, health centrally facilities. In adduce community sevel of certainty oval option states that	res and GP sur dition, the preference. It is the er the impact of t due regard wi	geries, and children erred option would s erefore envisaged th f the preferred optio Il be given to the po	vision of new community facilities and seals contres. The preferred option would the secure contributions towards enhancing that the preferred option would have a point on this objective due to there not being tential impacts of developer contribution ffect on contributions to infrastructure.	nerefore have a positive impact on the transport infrastructure which should ositive impact on this objective. g a Community Infrastructure Levy in			
S3. To improve safety and	0	0	0	Medium	N/A	N/A					
reduce crime, disorder and fear of crime.	Comments Unlikely to	<u>s:</u> have any sig	nificant effe	ects							
S4. To support voluntary and	0	0	0	Medium	N/A	N/A					

CS27: Planning for and Paying for New Infrastructure												
		Timescale	•			Nature of Eff	iect					
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation				
community networks, assist social exclusion and ensure community involvement in decision-making.		Comments: Unlikely to have any significant effects										
S5. To improve health and reduce health inequalities.	+	+	+	Low	Borough wide	Long term	Secondary impacts on quality of life and deprivation.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.				
	Comments: The preferred option would secure contributions to the improvement of existing and provision of new health infrastructure, including health centres and GP surgeries. It would also secure contributions towards an enhanced provision of public open spaces, sports pitches and sport centres that would offer opportunities for sport and recreation. It is therefore envisaged that the preferred option has the potential to have a positive impact on the sub-objective that relates to improving health. Nevertheless, there is only a low level of certainty over the impact of the preferred option on this objective due to there not being a Community Infrastructure Levy in place at the moment. The preferred option states that due regard will be given to the potential impacts of developer contributions on the viability of new development, which whilst ensuring that the development will go ahead, gives no certainty as to the effect on contributions to infrastructure.											
S6. To provide good quality, affordable and resource efficient housing.	?	?	?	Low	Borough wide	Long term		Provide more information on the likely scale of infrastructure contributions and how this will affect the cost of providing affordable housing.				
	Comments: The supporting text to the policy states that affordable housing is considered to be outside of the scope of the definition of 'infrastructure' for the purposes of the Constrategy. The preferred option would require developments to contribute towards a range of infrastructure and it is unclear whether the required may reduce the about of developers to also contribute to the provision of affordable housing. It is therefore considered that the impact of the preferred option on the objective is uncertain											
S7. To improve educational attainment, training and opportunities for lifelong	+	+	+	Low	Borough wide	Long term	Secondary impacts on quality of life and deprivation.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.				

CS27: Planning for and Paying for New Infrastructure											
		Timescale									
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
learning and employability.	Comments: The preferred option would secure contributions to the improvement of existing and provision of new education facilities, including primary and secondary schools, further education, higher education and adult education. It is therefore envisaged that the preferred option would have a positive impact on the objective of improving educational attainment, training and opportunities for lifelong learning and employability. Nevertheless, there is only a low level of certainty over the impact of the preferred option on this objective due to there not being a Community Infrastructure Levy in place at the moment. The preferred option states that due regard will be given to the potential impacts of developer contributions on the viability of new development, which whilst ensuring that the development will go ahead, gives no certainty as to the effect on contributions to infrastructure.										
S8. To preserve, enhance and manage Knowsley's rich diversity of cultural, historic and	+	+	+	Low	Borough wide	Long term	Secondary impacts on sense of place.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.			
archaeological buildings, areas, sites and features.	Comments: The preferred option would secure contributions to the improvement of historic sites and listed buildings. It therefore has the potential to have a positive impact on the objective of preserving Knowsley's rich diversity of cultural, historic and archaeological buildings, areas, sites and features. Nevertheless, it is concluded that there is only a low level of certainty that the preferred option would have a positive impact on this objective due to there being limited information on whether the required contributions to infrastructure could be made without compromising the viability of new development.										
Environment											
E1. To protect, enhance and manage the local character and accessibility of the landscape	+	+	+	Low	Borough wide	Long term	Secondary impacts on health and perceptions of the Borough.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.			
and countryside across Knowsley.	Comments: The preferred option would secure contributions to the improvement of existing and provision of new open spaces, including parks, sports pitches, green public realm, forests, woodlands, footpaths and country parks. As such, the preferred option has the potential to have a positive impact on the objective and its sub-objectives of providing the required amount of open space and improving the quality of open space. Nevertheless, there is only a low level of certainty over the impact of the preferred option on this objective due to there not being a Community Infrastructure Levy in place at the moment. The preferred option states that due regard will be given to the potential impacts of developer contributions on the viability of new development, which whilst ensuring that the development will go ahead, gives no certainty as to the effect on contributions to infrastructure.										
E2. To protect, enhance and manage biodiversity, the viability of protected and endangered	+	+	+	Low	Borough wide	Long term	Secondary impacts on perceptions of the Borough.	Ensure new areas of open space are, where appropriate, designed to enhance their biodiversity value.			

CS27: Planning for and Paying for New Infrastructure											
		Timescale	;								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
species, habitats, geodiversity and sites of geological importance.	forests, wo	The preferred option would secure contributions to the improvement of existing and provision of new open spaces, including parks, sports pitches, green public realm, forests, woodlands, footpaths and country parks. There is however no reference to the need to ensure that these open spaces are, where appropriate, of value to biodiversity. Therefore there is only a limited level of certainty that the preferred option would have a positive impact on this objective.									
E3. To adapt to climate change including flood risk.	+	+	+	Low	Borough wide	Long term		Provide more information when the CIL is developed on its effect on contributions to infrastructure.			
	Comments: The preferred option would secure contributions to the provision of new and improvement of existing flood defences. It is therefore considered that the preferred option has the potential to have a positive impact on the objective by helping to improving flood risk management. Nevertheless, it is concluded that there is only a low level of certainty that the preferred option would have a positive impact on this objective due to there being limited information on whether the required contributions to infrastructure could be made without compromising the viability of new development.										
E4. To mitigate climate change including using energy prudently and efficiently and increasing energy generated from	+	+	+	Low	Borough wide	Long term		Ensure that the infrastructure provided promotes the use of sustainable modes of transport in preference to car-based transport.			
renewable sources.	Comments: The preferred option would seek to secure contributions towards decentralised and renewable or low-carbon energy. It would also seek to secure contributions digital infrastructure, such as broadband and wireless, which may reduce the need to travel and therefore reduce carbon emissions. Contributions would also be sought towards improvements to existing transport infrastructure and the provision of new transport infrastructure. These would include contributions towards rabus travel, cycling/walking facilities and travel management measures. Nevertheless, contributions may also be sought towards roads, airports and car parks. A result, it is unclear whether the preferred option could help secure a shift to more sustainable modes of transport. As a result, it is concluded that the preferred contributions has the potential to have a positive impact on the objective but that there is only a limited level of certainty over this impact.							so seek to secure contributions to ons. Contributions would also be include contributions towards rail and roads, airports and car parks. As a			
E5. To provide, conserve, maintain and enhance green infrastructure.	+	+	+	Low	Borough wide	Long term	Secondary impacts on health and perceptions of the Borough.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.			

CS27: Planning for and P				re		Nature of Ef					
		Timescale	•								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
	Comments: The preferred option would secure contributions to the improvement of existing and provision of new green spaces, including parks, sports pitches, green public realm, forests, woodlands, footpaths and country parks. As such, the preferred option has the potential to enhance the green infrastructure network and have a positive impact on the sub-objective of improving the size and quality of the green infrastructure network. Nevertheless, there is only a low level of certainty over the impact of the preferred option on this objective due to there not being a Community Infrastructure Levy in place at the moment. The preferred option states that due regard will be given to the potential impacts of developer contributions on the viability of new development, which whilst ensuring that the development will go ahead, gives no certainty as to the effect on contributions to infrastructure.										
E6. To protect, manage and	0	0	0	Medium	N/A	N/A					
restore land and soil quality.	Comments: Unlikely to have any significant effects										
E7. To protect, improve and where necessary, restore the quality of inland, and estuarine	?	?	?	Low	Borough wide	Long term	Secondary impacts on the biodiversity value of watercourses.	Provide more info on how contributions would be used in relation to river corridors.			
waters.	Comments: River corridors are listed as infrastructure in the supporting text to the preferred option. Nevertheless, it is unclear whether the policy would lead to contributions towards improving their quality. It is therefore considered that the preferred option would have an uncertain impact on the objective.										
E8. To protect, and where necessary, improve local air quality.	?	?	?	Low	Borough wide	Long term		Ensure that the infrastructure provided promotes the use of sustainable modes of transport in preference to car-based transport.			
	Comments: The preferred option would secure contributions towards improvements to existing transport infrastructure and the provision of new transport infrastructure. These would include contributions towards rail and bus travel, cycling/walking facilities and travel management measures. Nevertheless, it is stated that contributions may also be sought towards roads, airports and car parks. As a result, it is unclear whether the preferred option could help secure a shift to more sustainable modes of transport. As such, it is considered that the impact of the preferred option on the air quality is uncertain.										
E9. To use water and mineral	0	0	0	Medium	N/A	N/A					
resources prudently and efficiently.	Comments Unlikely to	s: have any sig	gnificant effe	cts							

CS27: Planning for and Paying for New Infrastructure											
		Timescale	•								
SA Objective	0 – 5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation			
E10. To reduce the need to travel and improve choice and use of more sustainable transport mode.	?	?	?	Low	Borough wide	Long term		Ensure that the infrastructure provided promotes the use of sustainable modes of transport in preference to car-based transport.			
	Comments: The preferred option would secure contributions towards improvements to existing transport infrastructure and the provision of new transport infrastructure. These would include contributions towards rail and bus travel, cycling/walking facilities and travel management measures. Nevertheless, it is stated that contributions may also be sought towards roads, airports and car parks. As a result, it is unclear whether the preferred option could help secure a shift to more sustainable modes of transport. As such, it is considered that the impact of the preferred option on the objective of increasing the use of more sustainable transport modes is uncertain.										
E11. To minimise the production of waste and increase reuse, recycling and recovery rates.	+	+	+	Low	Borough wide	Long term	Secondary impacts on carbon emissions and the requirement to identify sites for landfill.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.			
	Comments: The preferred option would secure contributions to the improvement of existing and provision of new waste recycling facilities. The preferred option therefore has the potential to have a positive impact on the objective. Nevertheless, there is only a low level of certainty over the impact of the preferred option on this objective due to there not being a Community Infrastructure Levy in place at the moment. The preferred option states that due regard will be given to the potential impacts of developer contributions on the viability of new development, which whilst ensuring that the development will go ahead, gives no certainty as to the effect on contributions to infrastructure.										
Economic											
EC1. To improve the competitiveness and	?	?	?	Low	Borough wide	Long term		Clarify impact of costs on business development.			
productivity of business, exploit the growth potential of business sectors and increase the number of new businesses.	Comments: The preferred option would seek to ensure that the necessary infrastructure to attract new businesses is supplied. This could help increase the number of new businesses in the Borough. However, it is recognised that the preferred option would create additional costs for businesses seeking to invest in Knowsley and limited information is provided on whether the required infrastructure could be delivered without compromising the viability of new development. As such, it is considered that the impact of the preferred option on the objective is uncertain.										

		Timescale								
SA Objective	0-5 years	5 – 10 years	10+ years	Certainty	Scale	Permanence	Secondary, cumulative, synergistic	Mitigation		
EC2. To enhance the vitality and viability of town and local centres.	+	+	+	Low	Borough wide	Long term		Provide more information when the CIL is developed on its effect on contributions to infrastructure. Provide more information on the town centre programmes.		
	Comments: The preferred option would secure contributions to the improvement of existing and provision of new community facilities and services, including libraries, community centres, primary and secondary schools, health centres and GP surgeries, and children's centres. The preferred option should therefore have some positive impact on the sub-objective of improving community facilities. The preferred option could secure improvements to the public realm of the Borough's centres and festivals an town centre programmes are also listed as an infrastructure sub-category. It is however unclear what contributions towards this sub-category would entail. Furthermore, limited information is provided on whether the required contributions to infrastructure could be made without compromising the viability of new development. As a result, there is only a limited level of certainty that the preferred option would have a positive impact on this objective.									
EC3. Maintain high and stable levels of employment and reduce long-term unemployment.	+	+	+	Low	Borough wide	Long term	Secondary impacts on quality of life.	Provide more information when the CIL is developed on its effect on contributions to infrastructure.		
	Comments: The preferred option would secure contributions to the improvement of existing and provision of new community facilities and services, including adult education and the provision of Job Centre Plus. The preferred option therefore has the potential to reduce long-term unemployment by enhancing access to training and employment opportunities. Nevertheless, there is only a low level of certainty over the impact of the preferred option on this objective due to there not being a Community Infrastructure Levy in place at the moment. The preferred option states that due regard will be given to the potential impacts of developer contributions on the viability of new development, which whilst ensuring that the development will go ahead, gives no certainty as to the effect on contributions to infrastructure.									

CS27: Planning for and Paying for New Infrastructure											
		Timescale Nature of Effect									
SA Objective	0 – 5	5 – 10	10+	Certainty	Scale	Permanence	Secondary, cumulative,	Mitigation			
	years	years	years				synergistic				

The preferred option has the potential to have a positive impact on a number of sustainability objectives. The preferred option would secure contributions towards the provision of new, and improvement of existing, physical, social, green and digital infrastructure. As a result, it is envisaged that the preferred option has the potential to have a positive impact on a wide range of sustainability objectives, including those that relate to poverty and deprivation; community severance; health; educational attainment; built heritage; landscape character and accessibility; biodiversity and geodiversity; adapting to climate change; mitigating climate change; green infrastructure; waste; the vitality and viability of centres; and unemployment. Nevertheless, there is limited information available on the introduction CIL at the moment. In addition, whilst the preferred option would seek to ensure that the economic viability of new development is not undermined by the required infrastructure contributions, it provides no certainty as to the effect on contributions to infrastructure. It is therefore considered that there is only a low level of certainty about the impact of the preferred option on many of the sustainability objectives.

It is not envisaged that the preferred option would have a negative impact on any of the sustainability objectives. Nevertheless, it is considered that the impact of the preferred option on several objectives is uncertain. In particular, as it is unclear whether the required contributions to infrastructure may reduce the ability of developers to also contribute to the provision of affordable housing and, as a result, the impact of the preferred option on the objective of providing good quality, affordable housing is uncertain. Similarly, as it is unclear the extent to which the required infrastructure contributions may impact on investment levels, the impact of the preferred option on the objective of exploiting the growth potential of business sectors and increasing the number of new businesses is uncertain. It is also unclear whether the preferred option would prioritise contributions to public transport infrastructure in preference to infrastructure for less sustainable modes of transport. As a result, the impact of the preferred option on the objectives relating to air quality and the use of sustainable transport modes is uncertain.

Key for effects++ major positive; + minor positive; 0 neutral; – minor negative; – – major negative; ? uncertain