METHODOLOGY

The aim of this survey was to ascertain which sites may be suitable for future housing development in the District of Rochford. The survey allows the user to consider characteristics of sites that are not obviously comparable and produce a final score for the overall quality of the land and how sustainable housing development on the site would be.

This figure can then be compared to other sites and giving an idea of what a 'good' site for sustainable development should be scoring and what a typical score for a more inappropriate site would be. Any subsequent sites, which are scored, can then be compared to these sites and can be assessed for their appropriateness for development.

The guide below sets out how the sites have been assessed and how the sustainability of other sites may be a consideration of their suitability for future development. Whilst this method goes someway to saying how good an area is for development, inevitably there will be other overriding factors that need to be taken into account. The detailed examination of options through the preparation of local development documents is therefore, the key to final decisions about land-use allocations regardless of the results of this analysis.

The Guide

Access: Measure the distance from the site to the nearest bus stop, train station, etc. The nearest number to the distance collected is then marked off, so if it is 1.3km, then it will be marked as 1.5km, whilst if it were 1.2km, it would be classed as 1km. 1.25km counts as 1.5km. The only exception to this is for the 10 metre box. If the distance is over 30 metres then it is classed as 500m rather than being the closer of the two values. If there is not a certain facility within 10km, then just mark it off as >10km. Any development which is going to happen, i.e. it has received planning permission and they are looking to start with the construction, may be included as a site. For example, if a new supermarket were being built but its construction had not yet started, it can still count as the closest supermarket to the site if it is indeed so, as the development will be finished before any houses would be finished. Please note; the distance measured must be along roads and **NOT** as the crow flies or along rough tracks. If the total distance is under 400 metres then the footpaths can be used, otherwise it has to be measured using roads only.

Utilities: Whilst the utilities are not expected to be on site if there is no previous development, there should be the possibility of some being easily available. If, therefore, there are residences or industry around the site, this will be classed as there being the utilities. It is important to note under 'details' where the utilities are for the site and also if they run across the site as this may have an impact on densities.

Site Characteristics: The Environment Agency holds information about the flood risk of areas and this should be used to say whether or not the land is liable to flooding. No other source is acceptable. Previous development must also have been with planning permission and any illegally erected buildings or buildings not requiring planning permission do not count as previous development. Agricultural buildings such as barns do not count as development either. A change of land use is classed as development.

Preservation Orders: All preservation orders must be recorded and for IPC and Landfill, the zone of influence must be recorded as well if the site lies within it.

Land Classification: Using the Agricultural Land Classification of England and Wales, the grade of land must be recorded on the survey also. This is to try and protect high quality farmland. Already developed land does not need this.

Sequential Test: The site must be classed according to which category it is most like and marked off accordingly.

Observations: Here any other factors are added which do not affect the direct scoring of the site but which need to be added in order to help give an overall evaluation of the site. Site area should be to 1d.p. and visual impact is a subjective view of whether the surrounding area would suffer or not. These are not used to score the site but are useful to get an idea of the area and can be used to compare different sites with similar scores.

Bus Service: This looks at how often buses serve the nearest but stop. There are three options, frequent (a bus more often than every hour), hourly (a bus every hour) and infrequently (a bus less than every hour). This is so that land in rural areas with a very poor bus service but next to a bus stop does not have an advantage over an area on a very busy bus route but is 500 metres away from the nearest stop.

Analysis of Non-residential Land

The sheets below provide details of the scoring of the non-residential sites within the identified urban areas of the district, particularly the existing industrial estates. The analysis is intended as a starting point for considering future options for residential development in accordance with the government's requirements that all such sites are assessed.

It will be clear that the provision of land for housing is not a requirement that overrides the good planning of an area and employment land is an equally important of the equation. Indeed, the sub-regional section of draft East of England Plan dealing with South Essex makes it very clear that employment and infrastructure provision must be considered in advance of new housing if the aim of creating sustainable communities is to be met.

The methodology outlined here will also form part of the assessment of the option assessment for future housing sites.

Eldon Way industrial	estate				To	tal	1	19]				
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station		10											
Primary school			8										
Secondary school		8											
General shop		10											
Supermarket		5											
Town centre		8											
Employment site					6								
Public space				6									
Children's play space				6									
Main road	5												
Pub		5											
Doctors		5											
Village/Community Centre			4										
Religious centre		5											
Recycling facilities		5											

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	x	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

Sequential Test Rural Urban exention

Urban exention	
Existing non Town Centre	
Town Centre	10

Visual impact	Neutral			
Article 4 direction		No		
Landscape type	Open			
Size of the land		4.6	ha	
Description of site	Existing in	ndustrial es	tate ir	n the middle of the town
Ownership				
Topography	Flat			

Bus Service	
Frequent	5
Hourly	
Infrequent	

The Freight House					То	tal	1	16	1				
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station		10											
Primary school		10											
Secondary school					6								
General shop		10											
Supermarket		5											
Town centre		8											
Employment site		10											
Public space		10											
Children's play space		10											
Main road	5												
Pub		5											
Doctors		5											
Village/Community Centre				4									
Religious centre		5											
Recycling facilities	5												

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk	-10	
Previous development	х	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

_	
5	

|--|

Observations								
Visual impact		Neg						
Article 4 direction		No						
Landscape type	Open							
Size of the land		0.5	ha					
Description of site	Raised	site so only	/ base	se would flood. Current function suite				
Ownership								
Topography	flat at to	flat at top but steep sides to north and east. Gentle slope o						

Bus Service	
Frequent	5
Hourly	
Infrequent	

Swaine's Industrial Estate						Total 106							
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station			8										
Primary school		10											
Secondary school			6										
General shop		10											
Supermarket			5										
Town centre			6										
Employment site						5							
Public space					5								
Children's play space					5								
Main road	5												
Pub			4										
Doctors		5											
Village/Community Centre				4									
Religious centre		5											
Recycling facilities		5											

	Yes	No	Details
Utilities:			
Mains water	х		
Sewerage system	х		
Telephone	х		
Gas	х		
Electricity	х		

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	х	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

Sequential test	
Rural	
Urban exention	
Existing non Town Centre	5
Town Centre	

Observations							
Visual impact	Positive						
Article 4 direction		No					
Landscape type		Closed					
Size of the land		0.9 ha					
Description of site	Current inc	Current industrial site - drab and fairly run down					
Ownership							
Topography	flat						

Bus Service	
Frequent	5
Hourly	
Infrequent	

RDC Depot and Riverside Industrial Estate Total 99

			_		-		-	-					
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station		10											
Primary school					5								
Secondary school					6								
General shop		10											
Supermarket		5											
Town centre		8											
Employment site				8									
Public space		10											
Children's play space		10											
Main road		5											
Pub		5											
Doctors		5											
Village/Community Centre			4										
Religious centre		5											
Recycling facilities		5											

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk	-10	
Previous development	х	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

٦

Sequential Test

Rural	
Urban exention	-5
Existing non Town Centre	
Town Centre	

Neutral		
	No	
Open		
	1.6	ha
Current ind	dustrial esta	ate
Flat		
	Open Current ind	No Open 1.6 Current industrial esta

Bus Service	
Frequent	5
Hourly	
Infrequent	

Vertex offices & com	munity	use w	est	of t	Tot	tal	g	8					
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station				8									
Primary school		10											
Secondary school			6										
General shop		10											
Supermarket					4								
Town centre					6								
Employment site						5							
Public space		10											
Children's play space					5								
Main road	5												
Pub			4										
Doctors		5											
Village/Community Centre					3								
Religious centre		5											
Recycling facilities				4									

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	x	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC,COMAH sites	

Sequential Test Rural Urban exention Existing pop Town Centre

Urban exention	-5
Existing non Town Centre	
Town Centre	

Neutral		
	No	
	Closed	
	2.4	ha
Current of	fices and s	cout huts
Flat		
	Current of	No Closed 2.4 Current offices and s

Bus Service	
Frequent	5
Hourly	
Infrequent	

Brook Road Indust	rial esta	ate			Total		Total 96]				
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station					6								
Primary school			8										
Secondary school					6								
General shop				6									
Supermarket				5									
Town centre				6									
Employment site					6								
Public space		10											
Children's play space				4									
Main road		10											
Pub		5											
Doctors				4									
Village/Community Centre					3								
Religious centre			4										
Recycling facilities		5											

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	х	

Designations	Zone of influence
National and International	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC,COMAH sites	

Sequential Test	
Rural	
Urban exention	-5
Existing non Town Centre	
Town Centre	

Observations							
Visual impact	Neutral						
Article 4 direction		No					
Landscape type	Open						
Size of the land		13.	5 ha				
Description of site	Current ind	dustrial e	state al	longs	side A	127	
Ownership							
Topography	Flat						

Bus Service	
Frequent	5
Hourly	
Infrequent	

Rawreth Industrial Estate			To	tal	g)5		k 7k 8k 9k >10					
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station						5							
Primary school		10											
Secondary school						4							
General shop				6									
Supermarket							4						
Town centre						4							
Employment site		10											
Public space		10											
Children's play space		10											
Main road		5											
Pub				4									
Doctors			4										
Village/Community Centre			4										
Religious centre					3								
Recycling facilities				4									

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	х	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC,COMAH sites	

Sequential Test Rural Urban exention -5 Existing non Town Centre Town Centre

Observations Visual impact Positive Article 4 direction No Landscape type Open Size of the land 10.3 ha Description of site Existing industrial estate Ownership Topography Mainly flat but south end of the side is on a hill.

Bus Service	
Frequent	5
Hourly	
Infrequent	

Main Road Industrial Estate				Tot	al	9	3]					
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station					6								
Primary school				6									
Secondary school						4							
General shop			8										
Supermarket					4								
Town centre					6								
Employment site					6								
Public space		10											
Children's play space			8										
Main road	5												
Pub			4										
Doctors		5											
Village/Community Centre		5											
Religious centre				4									
Recycling facilities				4									

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	х	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

Sequential Test

Rural	
Urban exention	-5
Existing non Town Centre	
Town Centre	

Visual impact	Neutral			
Article 4 direction		No		
Landscape type	Open			
Size of the land		1.3	ha	
Description of site	Existing in	ndustrial site	1	
Ownership				
Topography	flat			
	flat			

Bus Service	
Frequent	5
Hourly	
Infrequent	

Imperial Park Indus	strial estate			Tot	tal 90]					
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station					6								
Primary school		10											
Secondary school					6								
General shop		10											
Supermarket						4							
Town centre						4							
Employment site			8										
Public space				6									
Children's play space				6									
Main road	5												
Pub					3								
Doctors		5											
Village/Community Centre				4									
Religious centre					3								
Recycling facilities			4										

	Yes	No	Details	
Utilities:				
Mains water	х		On site	
Sewerage system	х		On site	
Telephone	х		On site	
Gas	х		On site	
Electricity	х		On site	

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	х	

Designations	Zone of influence
National and International	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC,COMAH sites	

Sequential Test	
Rural	
Urban exention	
Existing non Town Centre	
Town Centre	

Observations				
Visual impact	Positive		1	
Article 4 direction		No	1	
Landscape type	Open		1	
Size of the land		1.7	' ha	
Description of site	Current inc	lustrial sit	е	
Ownership				
Topography	Flat			

Bus Service	
Frequent	
Hourly	3
Infrequent	

Former Brickworks,	Star Lan	e			To	Total 77							
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station							3						
Primary school			8										
Secondary school													-4
General shop				6									
Supermarket					4								
Town centre									3				
Employment site	10												
Public space			8										
Children's play space			8										
Main road	5												
Pub		5											
Doctors		5											
Village/Community Centre				4									
Religious centre			4										
Recycling facilities		5											

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	х	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

Sequential Test	
Rural	-10
Urban exention	
Existing non Town Centre	
Town Centre	

Observations		
Visual impact	Positive	
Article 4 direction	No	
Landscape type	Open	
Size of the land	3.	1 ha
Description of site	Has existing brick w	orks on site
Ownership		
Topography	flat land	

Bus Service	
Frequent	5
Hourly	
Infrequent	

Purdeys Way & Sutt	Purdeys Way & Sutton Wharf Industrial Es Total 82												
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station				8									
Primary school			8										
Secondary school						4							
General shop			8										
Supermarket				5									
Town centre				6									
Employment site		10											
Public space		10											
Children's play space		10											
Main road	5												
Pub		5											
Doctors				4									
Village/Community Centre					3								
Religious centre			4										
Recycling facilities				4									

	Yes	No	Details	
Utilities:				
Mains water	х		On site	
Sewerage system	х		On site	
Telephone	х		On site	
Gas	х		On site	
Electricity	х		On site	-

	Yes	No
Site Characteristics:		
Flood risk	-10	
Previous development	x	

Designations		Zone of influence
National and Internationa		
Wildlife sites and LNR		
Coastal Protection Belt		
Special Landscape Area		
Area of Ancient Landscape		
Airport safeguarding		
Green belt		
Landfill	-5	
IPC, IPPC, COMAH sites		

Sequential Test

Rural	-10
Urban exention	
Existing non Town Centre	
Town Centre	

Observations				
Visual impact	Positive			
Article 4 direction		No		
Landscape type	Open			
Size of the land		37.3	ha	
Description of site	Large indu	strial estate	e on e	ex-landfill surrounded by rivers on tw
Ownership				
Topography	Flat			

Bus Service	
Frequent	5
Hourly	
Infrequent	

Aviation Way (East)	Aviation Way (East)					Total 76]					
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station							3						
Primary school							0						
Secondary school									3				
General shop				6									
Supermarket				5									
Town centre							4						
Employment site		10											
Public space		10											
Children's play space				6									
Main road	5												
Pub				4									
Doctors				4									
Village/Community Centre				4									
Religious centre		5											
Recycling facilities				4									

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	х	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

Sequential Test Rural -10 Urban exention Existing non Town Centre Town Centre

Observations							
Visual impact	Neutral						
Article 4 direction		No					
Landscape type	Open						
Size of the land		28.8 ha					
Description of site	Current in	dustrial es	estate				
Ownership							
Topography	Flat land						

Bus Service	
Frequent	5
Hourly	
Infrequent	

Aviation Way (West)					Tot	tal	7	'4]				
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station							3						
Primary school							0						
Secondary school									3				
General shop				6									
Supermarket					4								
Town centre							4						
Employment site		10											
Public space		10											
Children's play space		10											
Main road	5												
Pub				4									
Doctors				4									
Village/Community Centre				4									
Religious centre		5											
Recycling facilities				4									

	Yes	No	Details	
Utilities:				
Mains water	х		Around site	
Sewerage system	х		Around site	
Telephone	х		Around site	
Gas	х		Around site	
Electricity	х		Around site	

	Yes	No
Site Characteristics:		
Flood risk		x
Previous development		-10

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

Sequential Test

Rural	
Urban exention	-5
Existing non Town Centre	
Town Centre	

Visual impact	Positive		
Article 4 direction		No	
Landscape type	Open		
Size of the land		11.4	ha
Description of site	Open was	teland	
Ownership			
Topography	flat		

Bus Service	
Frequent	5
Hourly	
Infrequent	

Stambridge Mill				Total 73			Ī						
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station					6								
Primary school			8										
Secondary school						4							
General shop				6									
Supermarket					4								
Town centre				6									
Employment site			8										
Public space			8										
Children's play space			8										
Main road		5											
Pub		5											
Doctors					3								
Village/Community Centre				4									
Religious centre			4										
Recycling facilities	5												

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk	-10	
Previous development	х	

Designations	Zone of influence
National and International	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safegaurding	
Green belt	
Landfill	
IPC, IPPC,COMAH sites	

Sequential test

Rural	-10
Urban exention	
Existing non Town Centre	
Town Centre	

Observations								
Visual impact	Pos		Ī					
Article 4 direction		No	Ī					
Landscape type	Open			_				
Size of the land		1.7	ha					
Description of site	Industri	al Mill with	tall S	Silo'	's			
Ownership								
Topography	Flat lan	d						

Bus Service	
Frequent	
Hourly	
Infrequent	1

Star Lane Industrial Estate				Total 67]							
	10m	<500m	1k	1.5k	2k	3k	4k	5k	6k	7k	8k	9k	>10k
Access:													
Bus stop		8											
Train station							3						
Primary school			8										
Secondary school													-4
General shop				6									
Supermarket					4								
Town centre									3				
Employment site										0			
Public space			8										
Children's play space			8										
Main road	5												
Pub		5											
Doctors		5											
Village/Community Centre				4									
Religious centre			4										
Recycling facilities		5											

	Yes	No	Details
Utilities:			
Mains water	х		On site
Sewerage system	х		On site
Telephone	х		On site
Gas	х		On site
Electricity	х		On site

	Yes	No
Site Characteristics:		
Flood risk		х
Previous development	х	

Designations	Zone of influence
National and Internationa	
Wildlife sites and LNR	
Coastal Protection Belt	
Special Landscape Area	
Area of Ancient Landscape	
Airport safeguarding	
Green belt	
Landfill	
IPC, IPPC, COMAH sites	

Sequential testRuralUrban exentionExisting non Town CentreTown Centre

Observations			
Visual impact	Neutral		
Article 4 direction		No	
Landscape type	Open		
Size of the land			2 ha
Description of site	Existing in	ndustrial s	site
Ownership			
Topography	Flat		

-10

Bus Service	
Frequent	5
Hourly	
Infrequent	