



Figure 1.1: The Wirral Peninsula - Settlement areas

Wirral boundary
Other Local Authority boundary
Indicate the England - Wales boundary
Landform edge
Settlement boundary
Buildings and infrastructure
Urban area
Area outside of settlement boundary



Figure 3.1: Land, soils, minerals and waste sites in

Wirral boundary Other Local Authority boundary England - Wales boundary Landform edge Settlement boundary Permitted waste site Industry / processing facility Urban waste water treatment plant Physical constraints Waste disposal site //// Historic landfill site Mineral reserve Brownfield site COMAH site **Agricultural Land Classification** Grade 1 Grade 2 Grade 3 Grade 4 Grade 5 Non Agricultural

Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

The Agricultural Land Classification data is very coarse in detail and in some instances mistakenly categorises urban land outside of settlement boundaries. Settlement boundary lines should therefore be used to deliniate 'urban areas'. Removal of the ALC urban classiciation has resulted in white space appearing around the edges of these settlement boundary lines.

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
- 3. Bebington, Bromborough and Eastham
- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



Map scale 1:80,000 @ A3

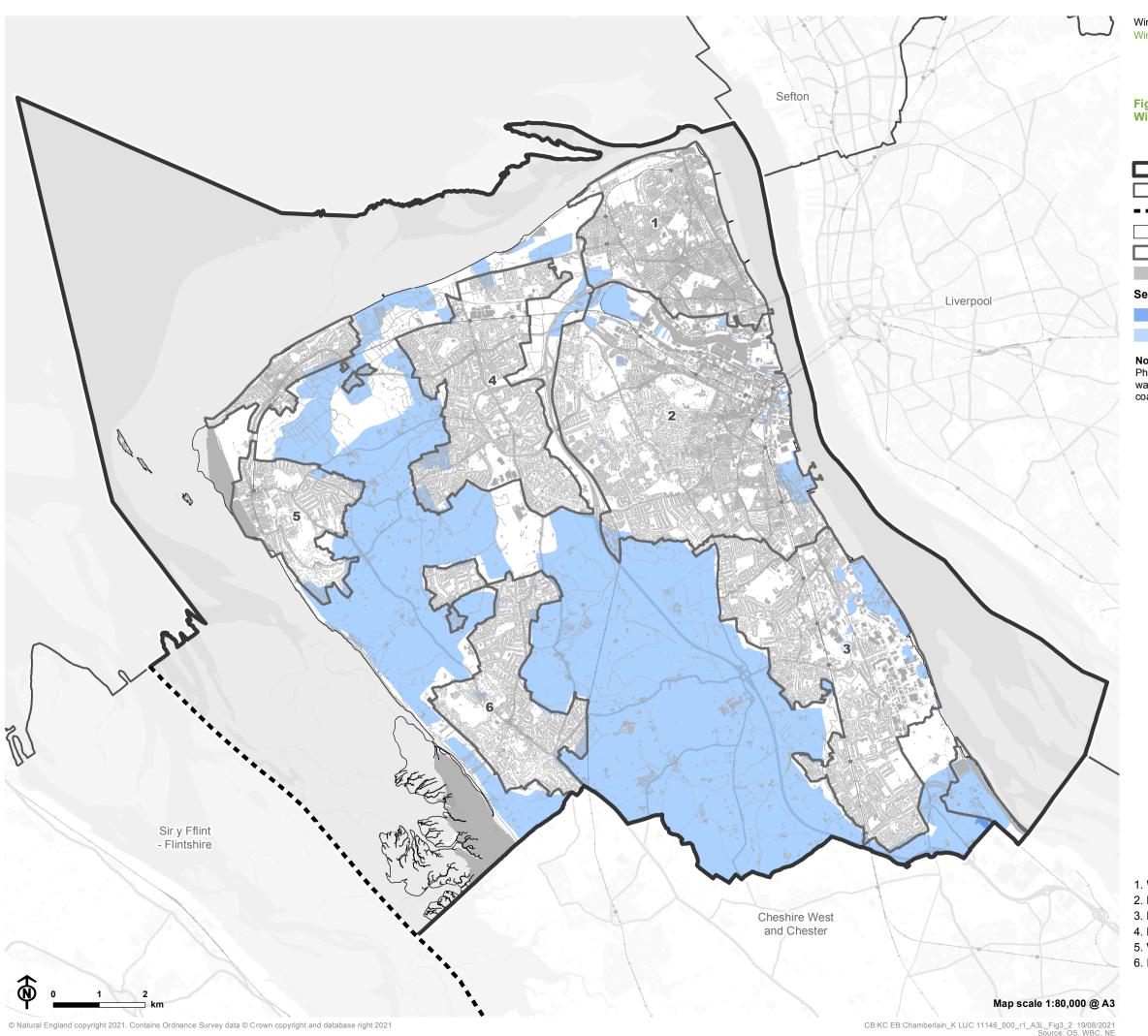


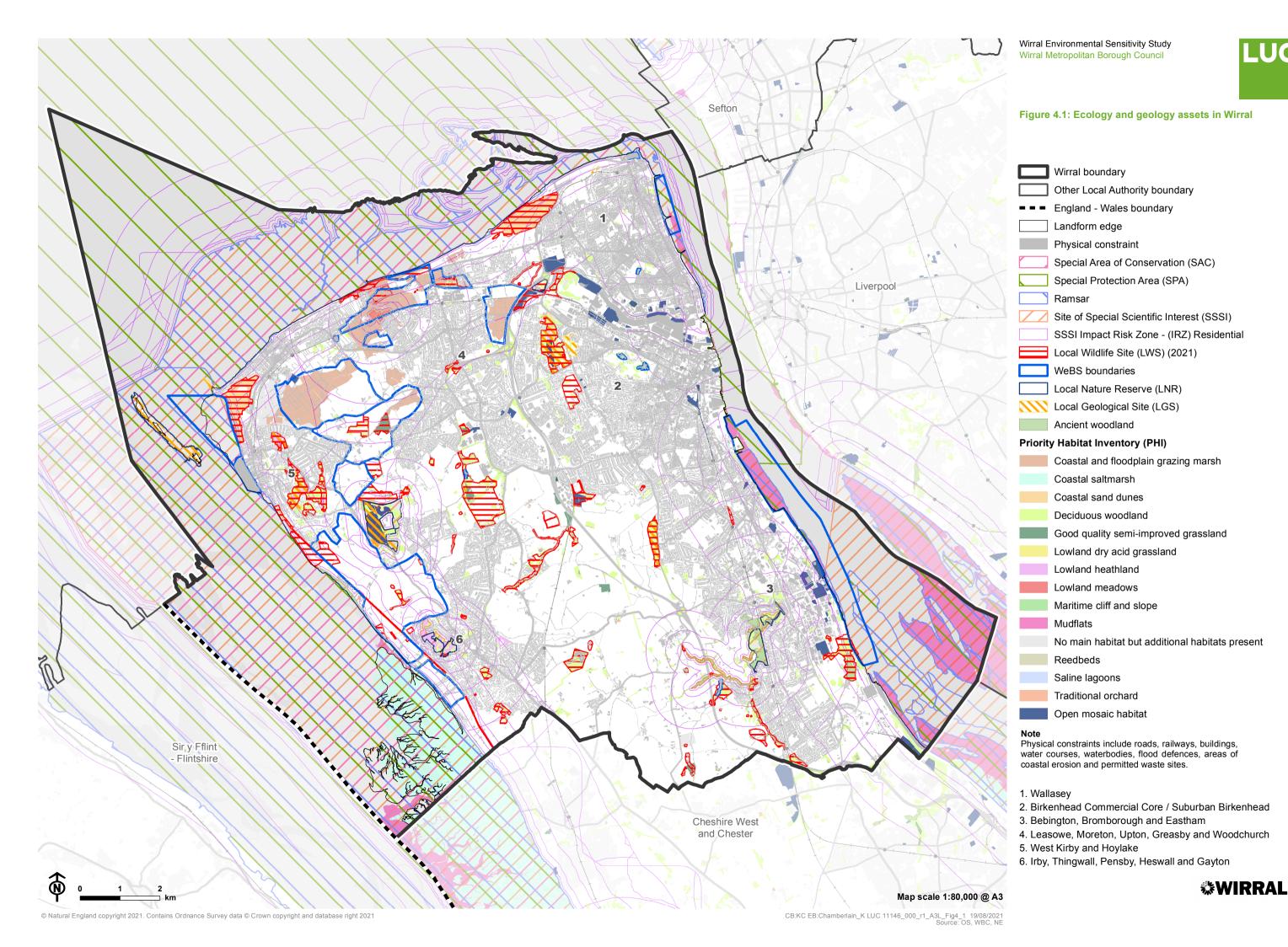


Figure 3.2: Land, soils, minerals and waste sites in Wirral and their sensitivity

- Wirral boundary Other Local Authority boundary ■ ■ ■ England - Wales boundary Landform edge Settlement boundary Physical constraint Sensitivity value Moderate (3-4) Moderate (1-2)

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
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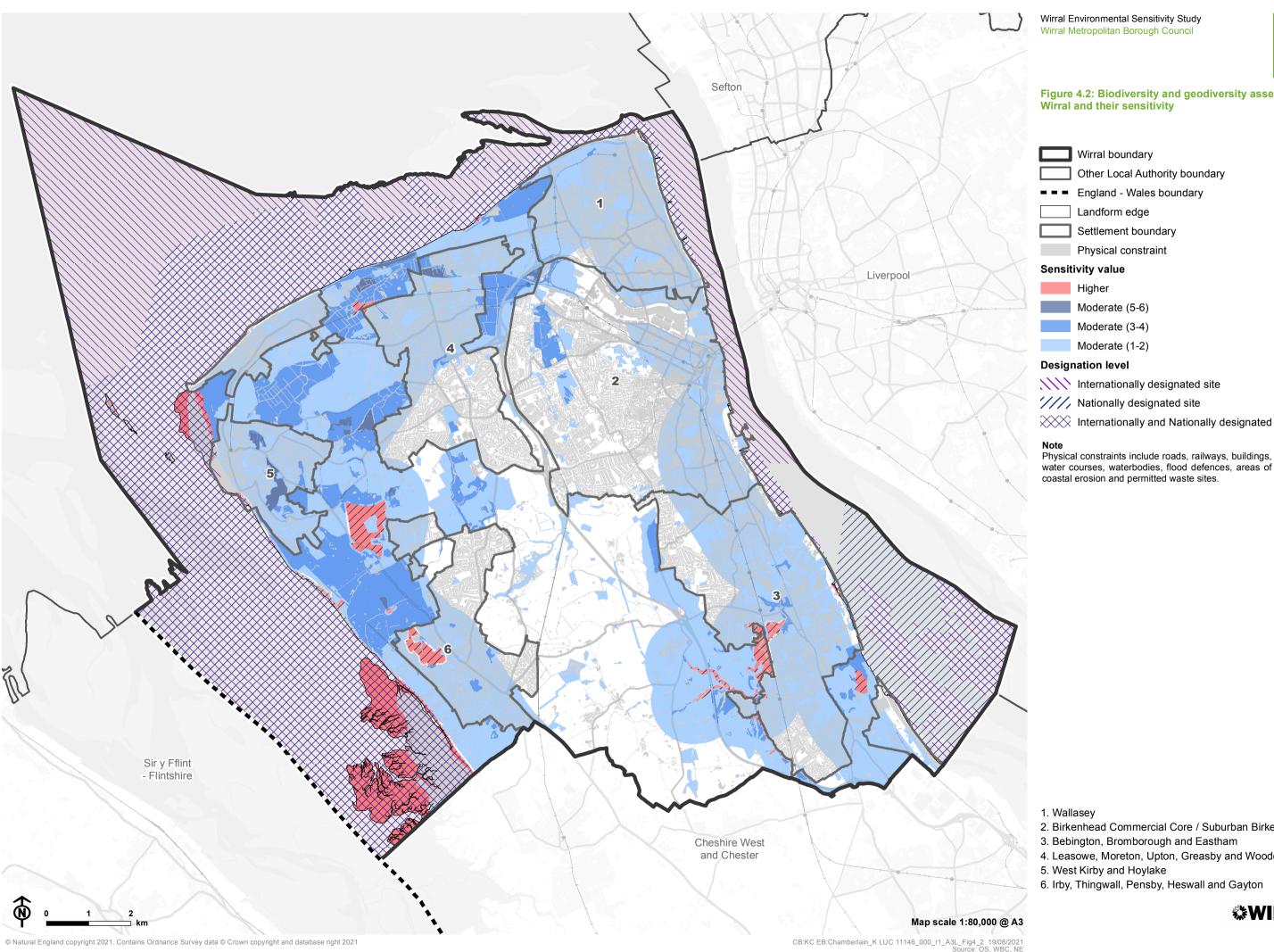




Figure 4.2: Biodiversity and geodiversity assets in Wirral and their sensitivity

- Wirral boundary Other Local Authority boundary ■ ■ ■ England - Wales boundary Landform edge Settlement boundary Physical constraint Sensitivity value Higher Moderate (5-6) Moderate (3-4) Moderate (1-2) **Designation level** Internationally designated site //// Nationally designated site Internationally and Nationally designated site overlap **Note**Physical constraints include roads, railways, buildings,

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- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



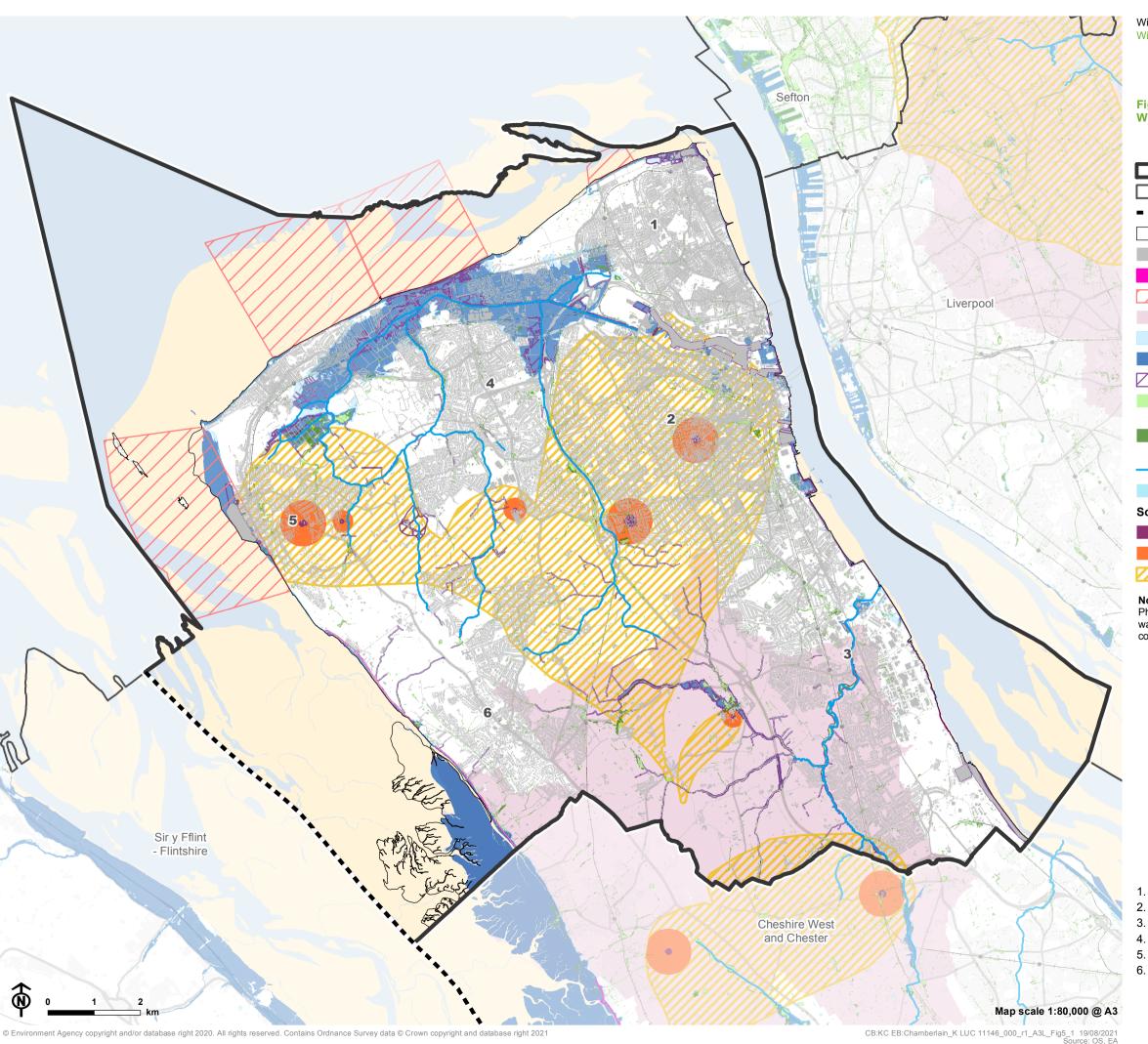




Figure 5.1: Water and coastal environment assets in Wirral

- Wirral boundary
- Other Local Authority boundary
- ■ England Wales boundary
- Landform edge
- Physical constraint
- Areas affected by coastal change
- _____ Bathing water
 - Nitrate vulnerable zone
- Flood zone 2
- Flood zone 3
- Flood zone 3b
 - Risk of flooding from surface water (1 in 30 year annual chance)
 - (1 in 30 year annual chance)
- Risk of flooding from surface water (1 in 100 year annual chance)
- River
- Waterbody

Source protection zone

- •
- 2
- 3

Note

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
- 3. Bebington, Bromborough and Eastham
- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



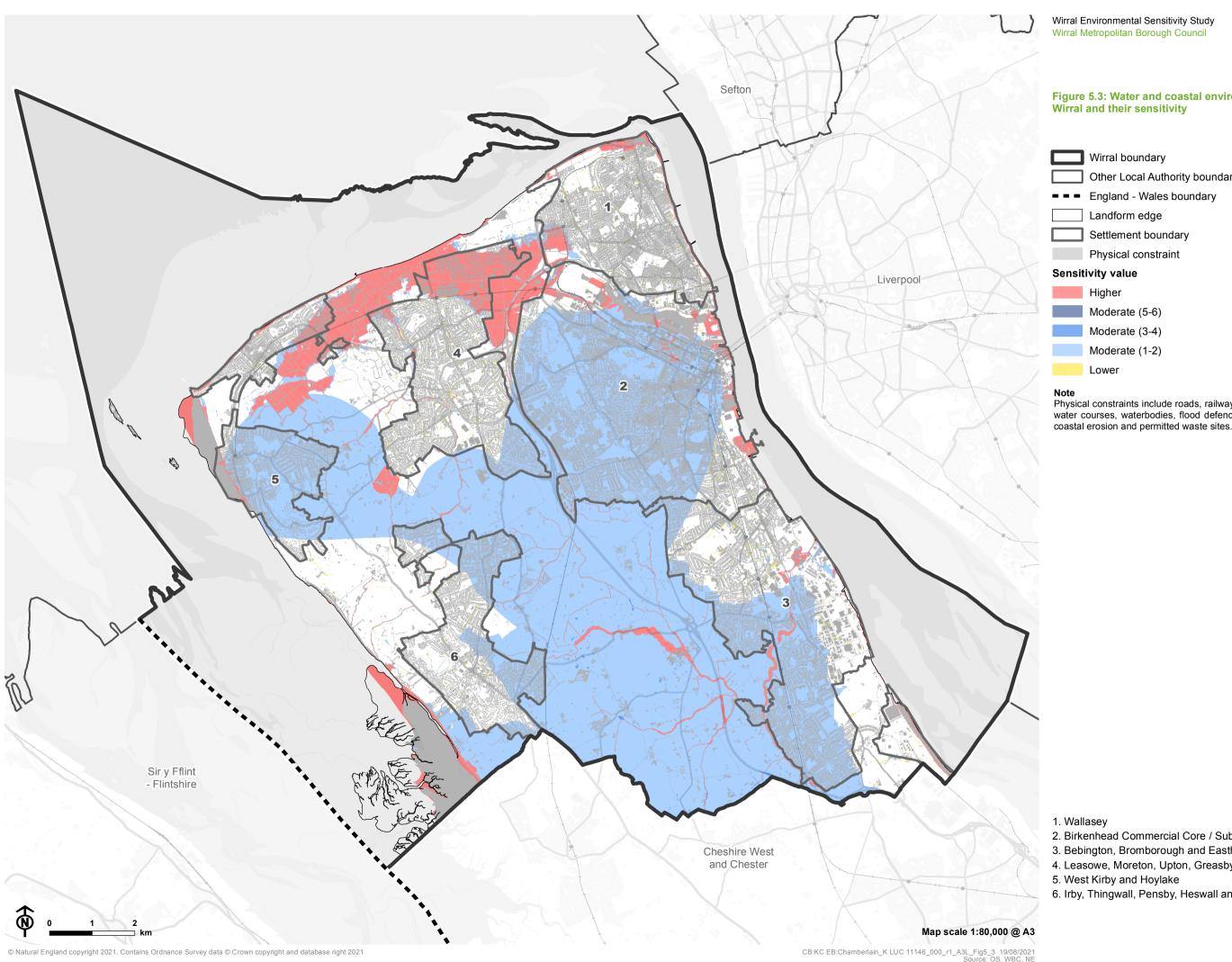




Figure 5.3: Water and coastal environment assets in Wirral and their sensitivity

Wirral boundary Other Local Authority boundary ■ ■ ■ England - Wales boundary Landform edge Settlement boundary Physical constraint Sensitivity value Higher Moderate (5-6) Moderate (3-4) Moderate (1-2) Lower Note Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
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- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



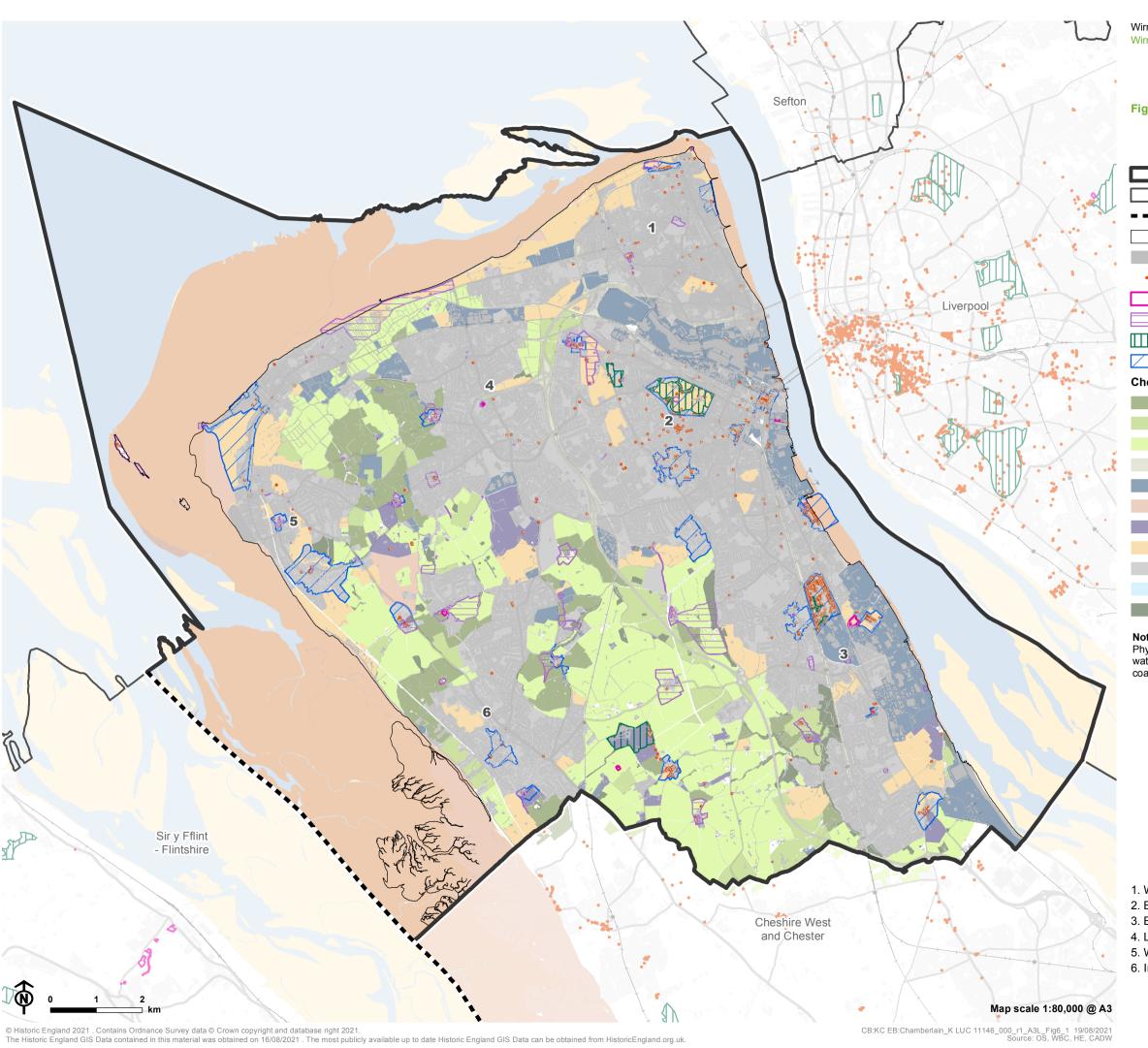




Figure 6.1: Historic environment in Wirral

- Wirral boundary
- Other Local Authority boundary
- ■ England Wales boundary
 - Landform edge
 - Physical constraint
- Listed building
- Scheduled monument
- Site of archaeological importance
- Registered parks and gardens
 - Conservation area

Cheshire historic characterisation

- Ancient Fieldscapes
- C20th Fieldscapes
- Post Medieval Fieldscapes
 - Communications
- Industry
- Non-improved Land
- Ornamental
- Recreation
- Settlement
- Water Bodies
- Woodland

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
- 3. Bebington, Bromborough and Eastham
- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



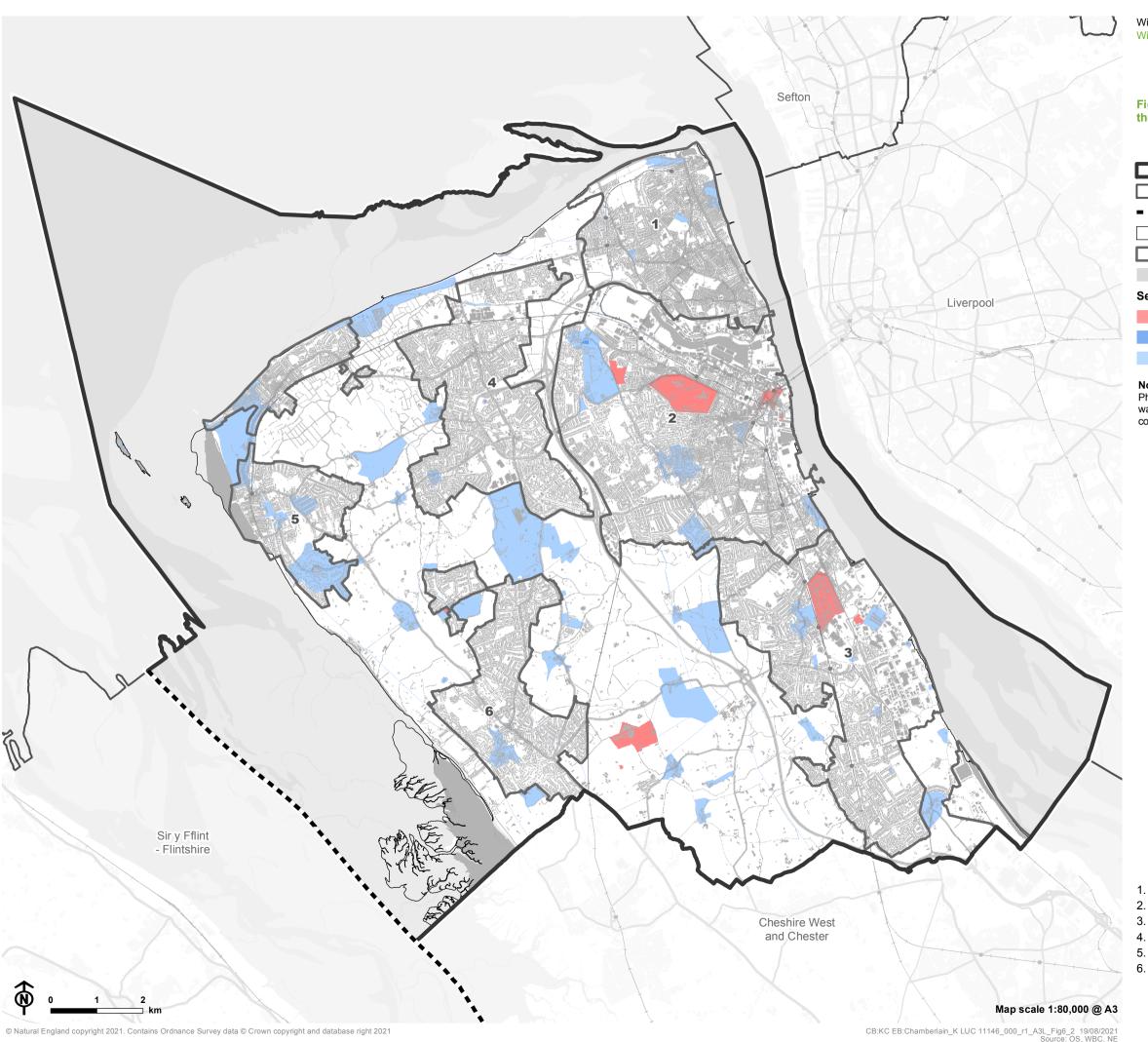




Figure 6.2: Cultural heritage assets in Wirral and their sensitivity

- Wirral boundary Other Local Authority boundary ■ ■ ■ England Wales boundary Landform edge Settlement boundary Physical constraint Sensitivity value Higher Moderate (3-4) Moderate (1-2)

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
- 3. Bebington, Bromborough and Eastham
- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



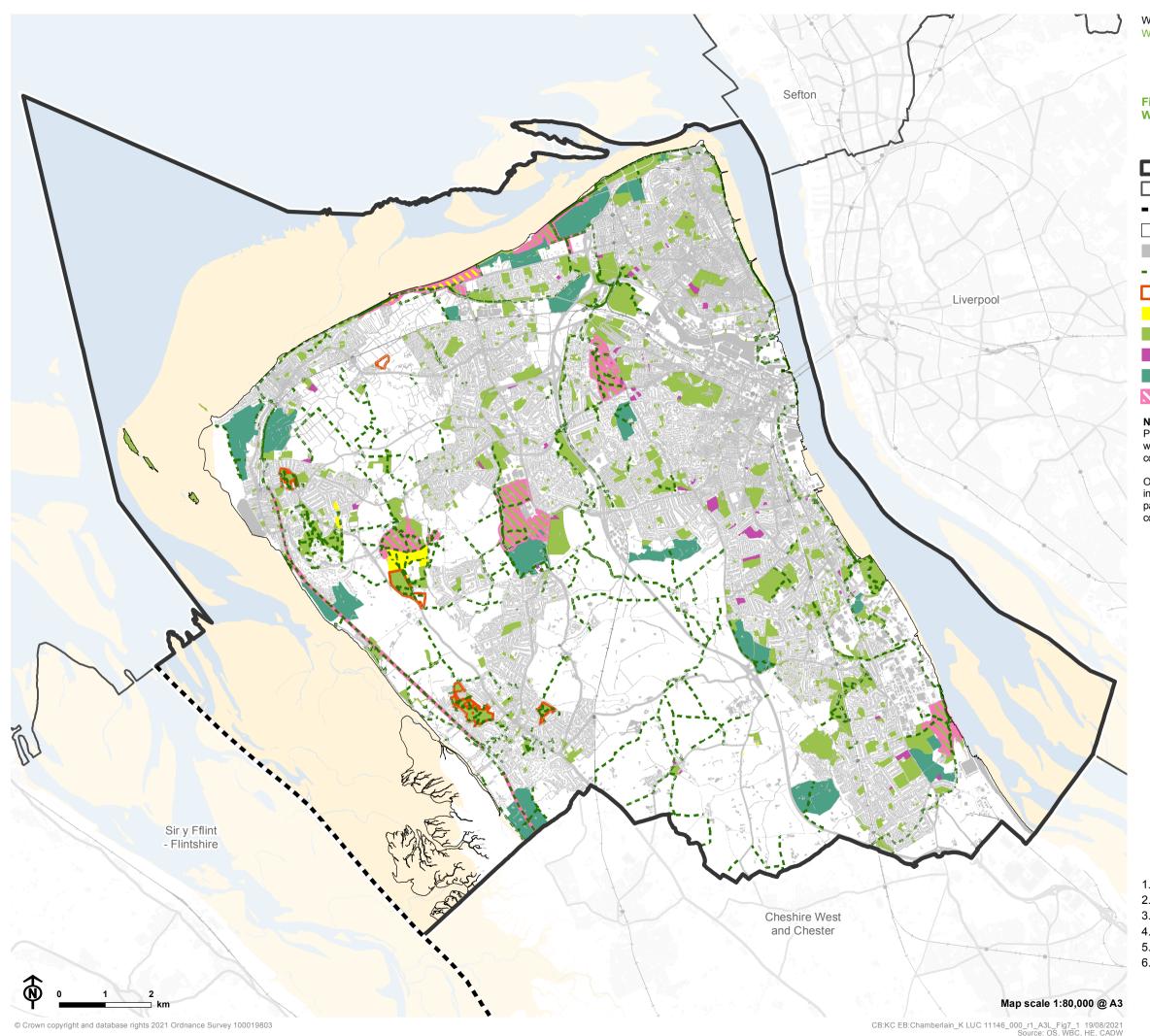




Figure 7.1: Green space and recreation assets in



Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

Open space layer consists of accessible open spaces including those categorised as play areas, pitches, parks, recreation areas, amenity greenspaces, open country and semi-natural greenspaces.

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- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



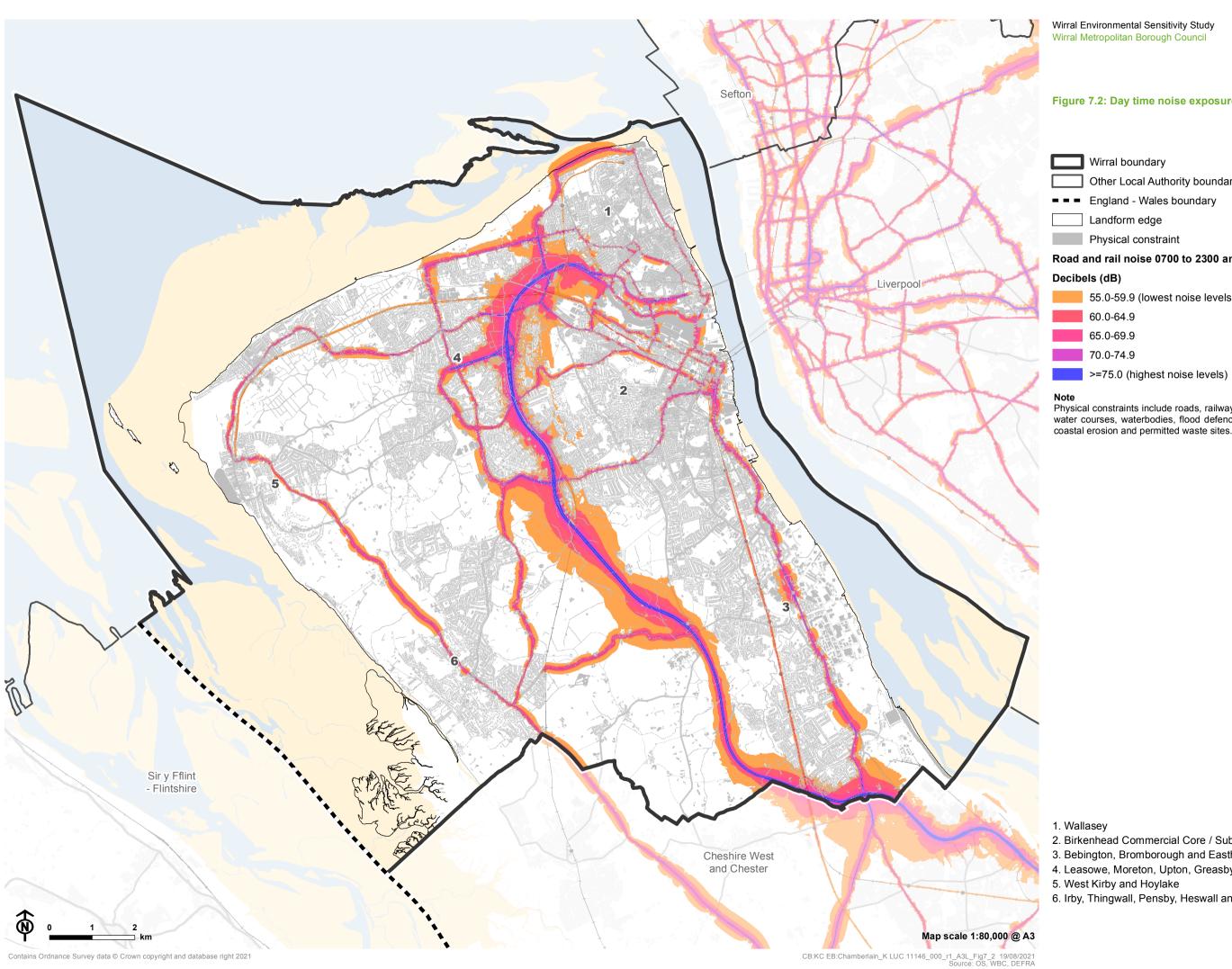




Figure 7.2: Day time noise exposure in Wirral

Wirral boundary Other Local Authority boundary ■ ■ ■ England - Wales boundary Landform edge Physical constraint Road and rail noise 0700 to 2300 annual average Decibels (dB) 55.0-59.9 (lowest noise levels) 60.0-64.9 65.0-69.9 70.0-74.9 >=75.0 (highest noise levels) Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of

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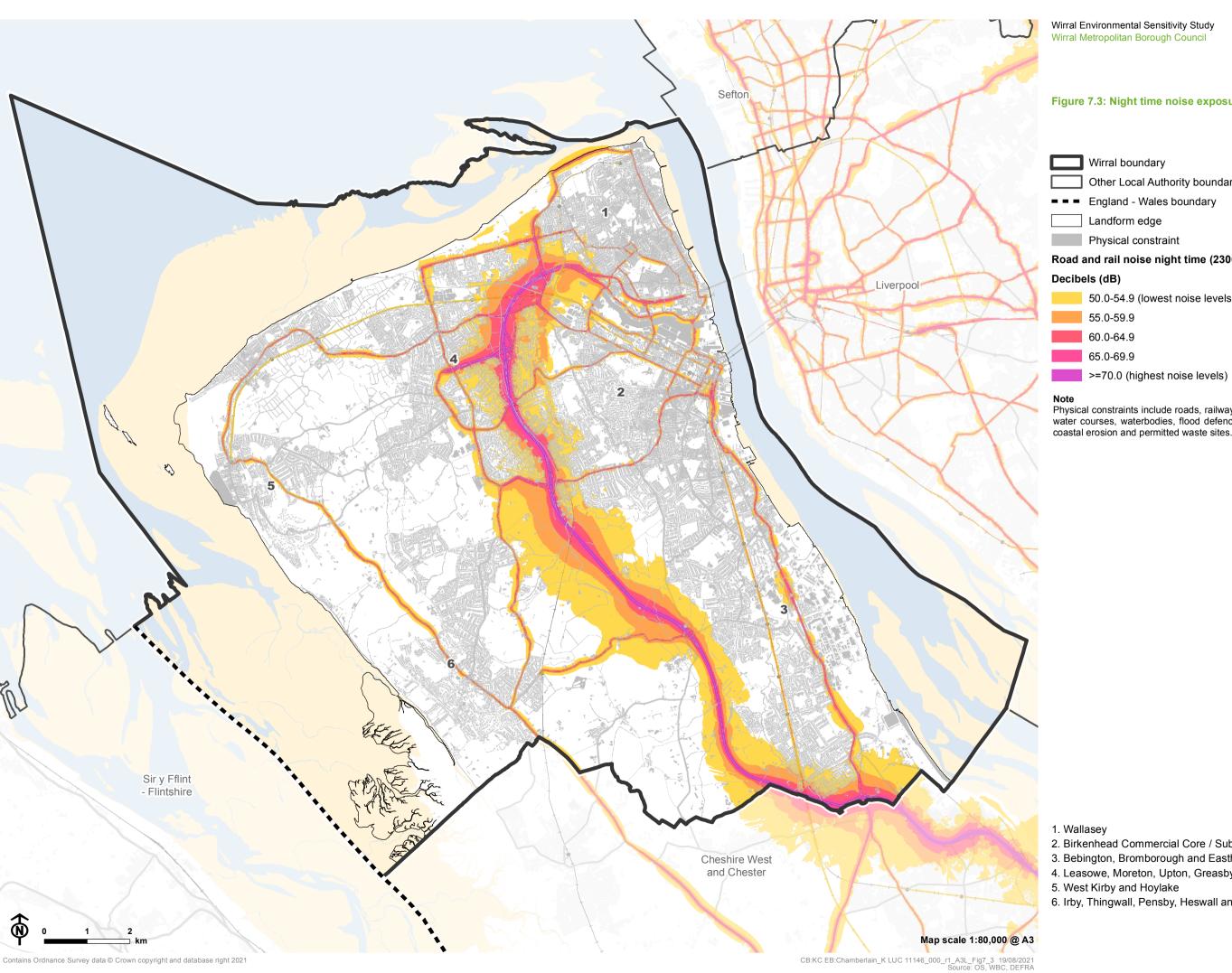


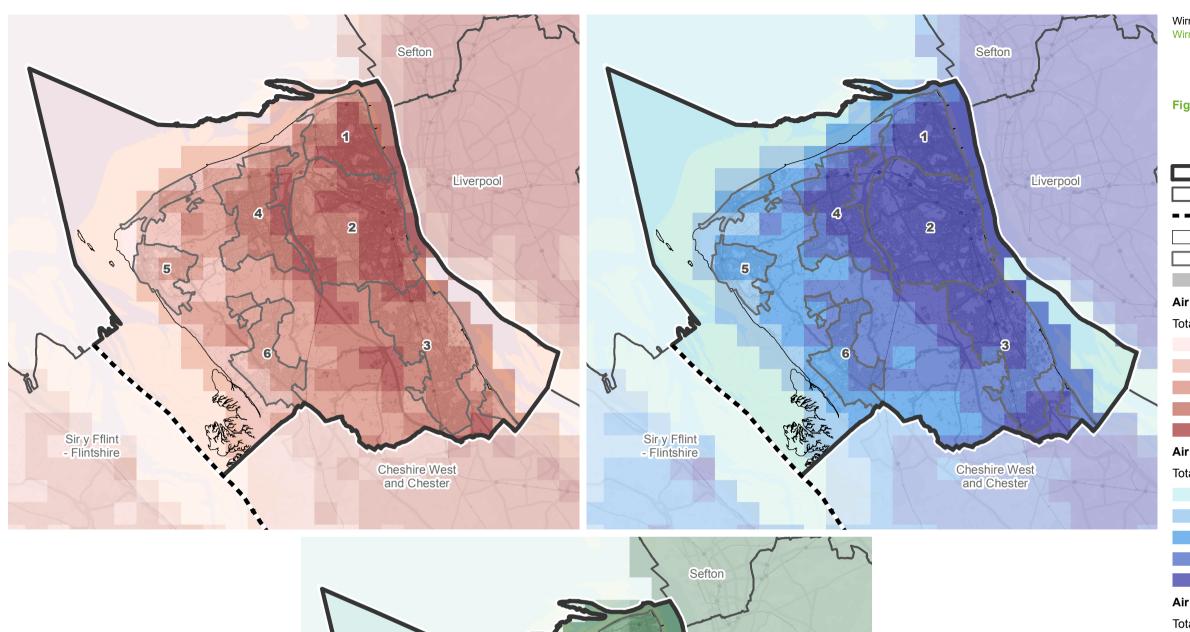


Figure 7.3: Night time noise exposure in Wirral

Wirral boundary Other Local Authority boundary ■ ■ ■ England - Wales boundary Landform edge Physical constraint Road and rail noise night time (2300 - 0700) annual average Decibels (dB) 50.0-54.9 (lowest noise levels) 55.0-59.9 60.0-64.9 65.0-69.9 >=70.0 (highest noise levels) Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of

- 1. Wallasey
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2

Cheshire West

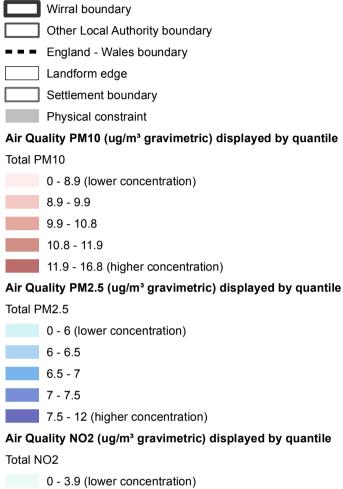
and Chester

Liverpool

Wirral Environmental Sensitivity Study Wirral Metropolitan Borough Council



Figure 7.4: Air quality in Wirral



Not

3.9 - 5.9 5.9 - 7.9

7.9 - 11.6

Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

11.6 - 30 (higher concentration)

- 1. Wallasey
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- 6. Irby, Thingwall, Pensby, Heswall and Gayton





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Flintshire

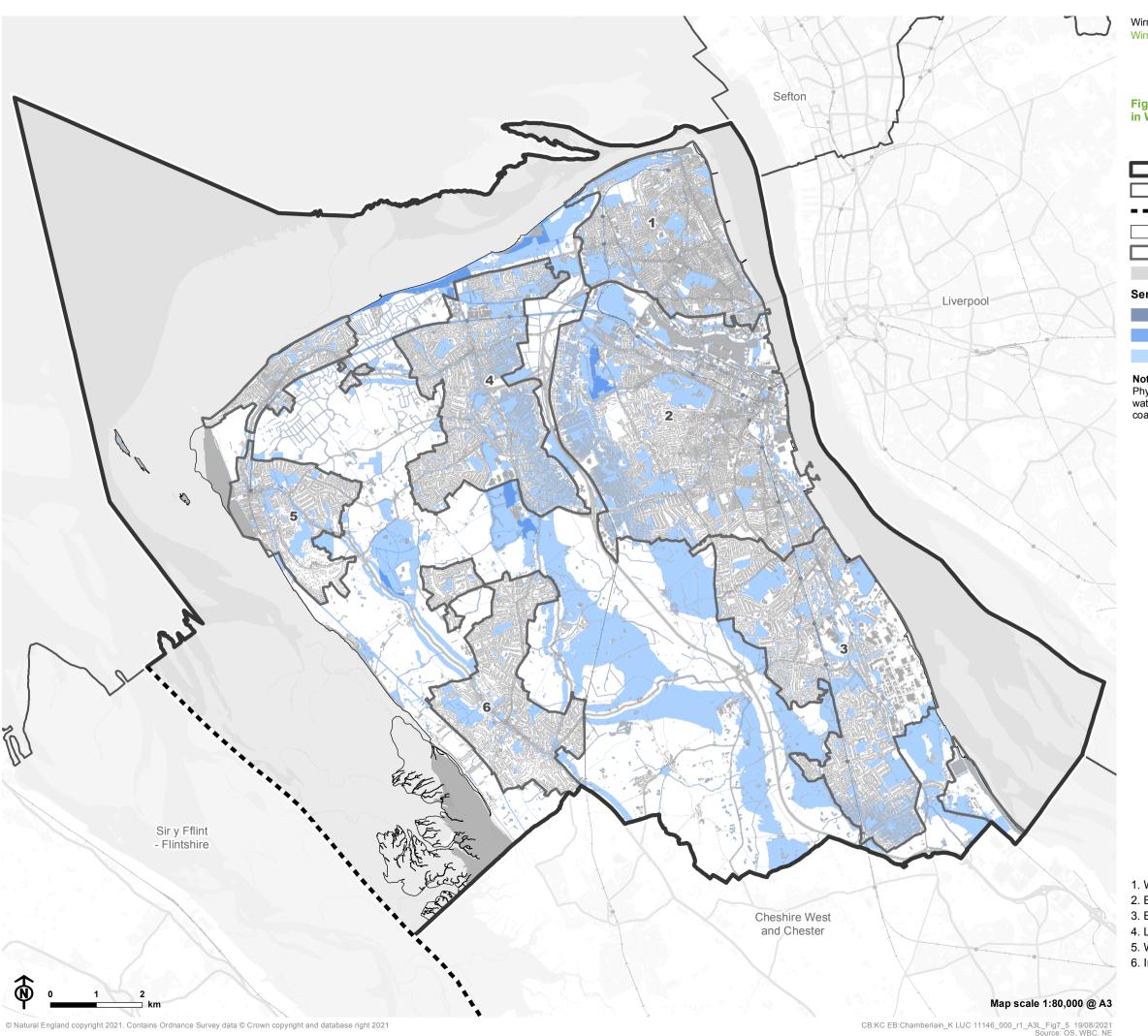




Figure 7.5: Green space, health and wellbeing assets in Wirral and their sensitivity

- Wirral boundary Other Local Authority boundary ■ ■ ■ England - Wales boundary Landform edge Settlement boundary Physical constraint Sensitivity value Moderate (5-6) Moderate (3-4) Moderate (1-2)

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
- 3. Bebington, Bromborough and Eastham
- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



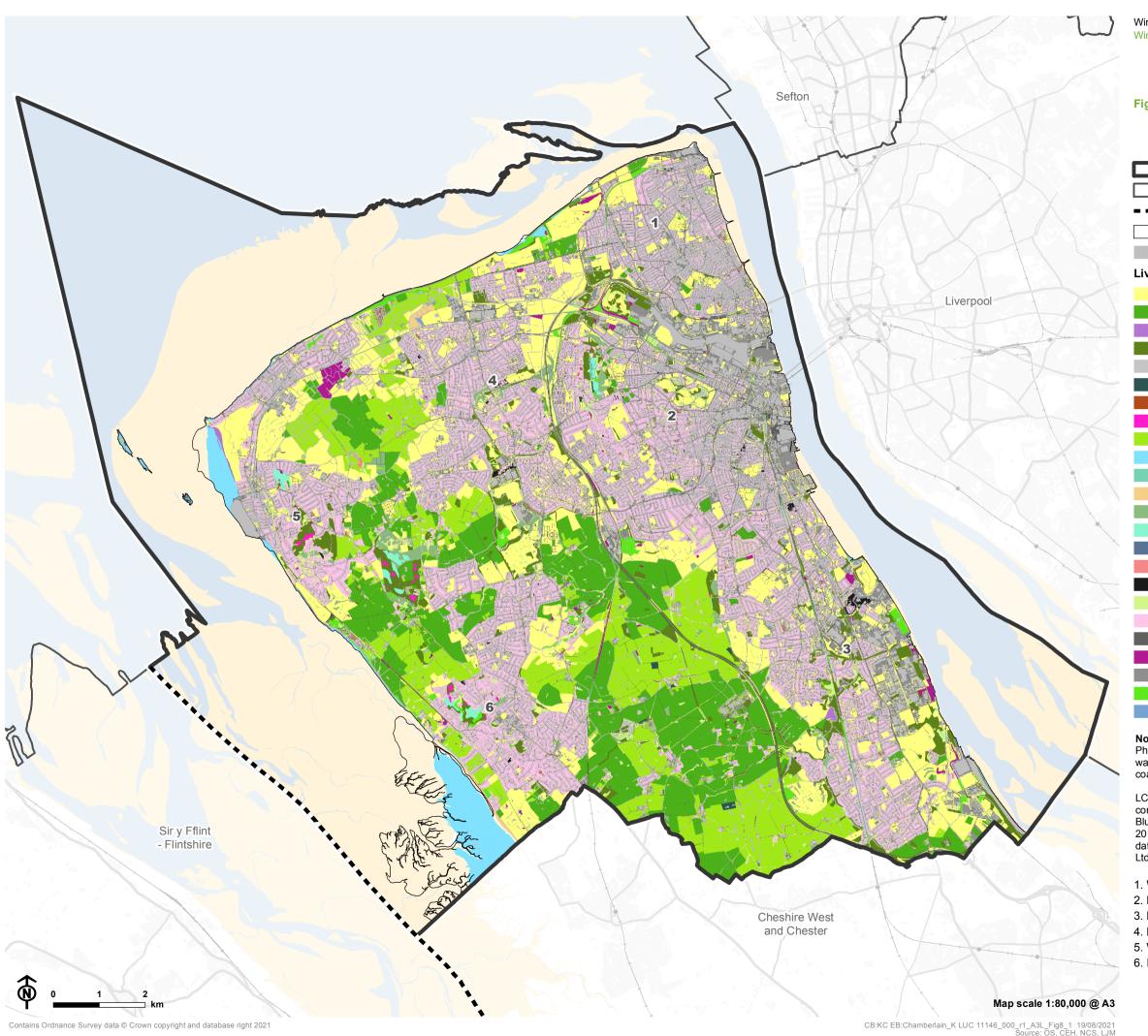




Figure 8.1: Land use cover types in Wirral



Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

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- 1. Wallasey
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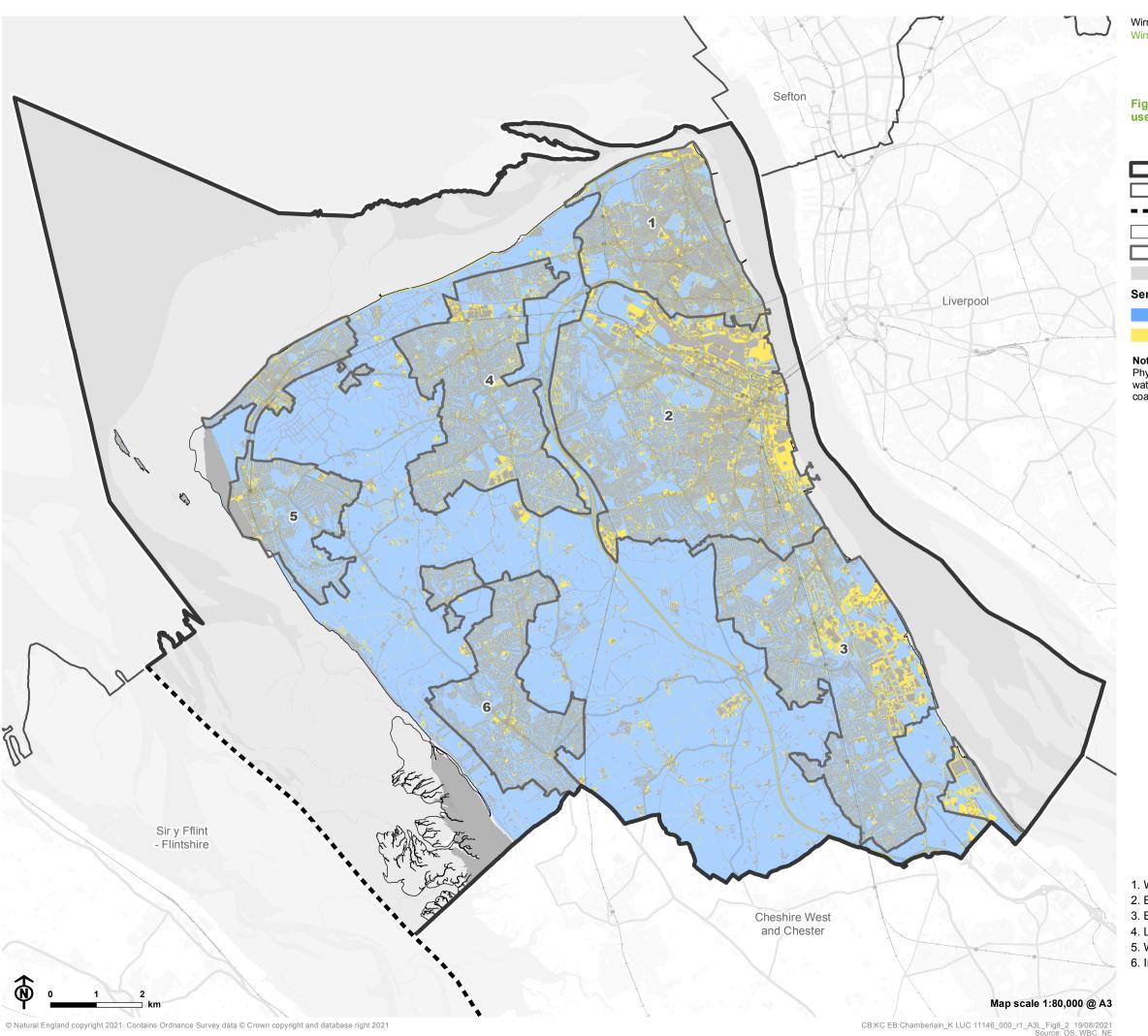


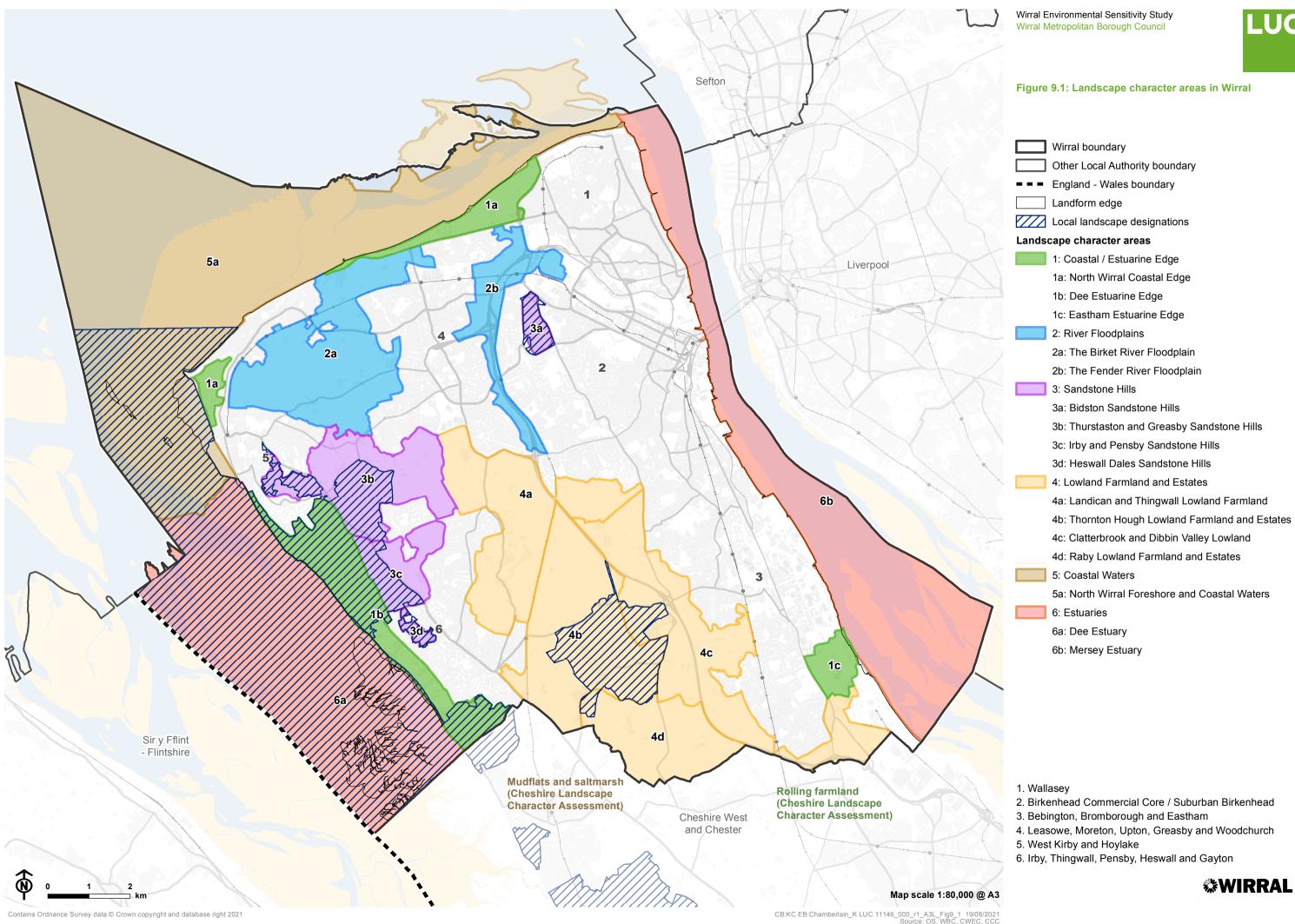


Figure 8.2: Carbon storage assets (based on land use cover types) in Wirral and their sensitivity

- Wirral boundary Other Local Authority boundary ■ ■ ■ England - Wales boundary Landform edge Settlement boundary Physical constraint Sensitivity value Moderate Lower

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
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- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton









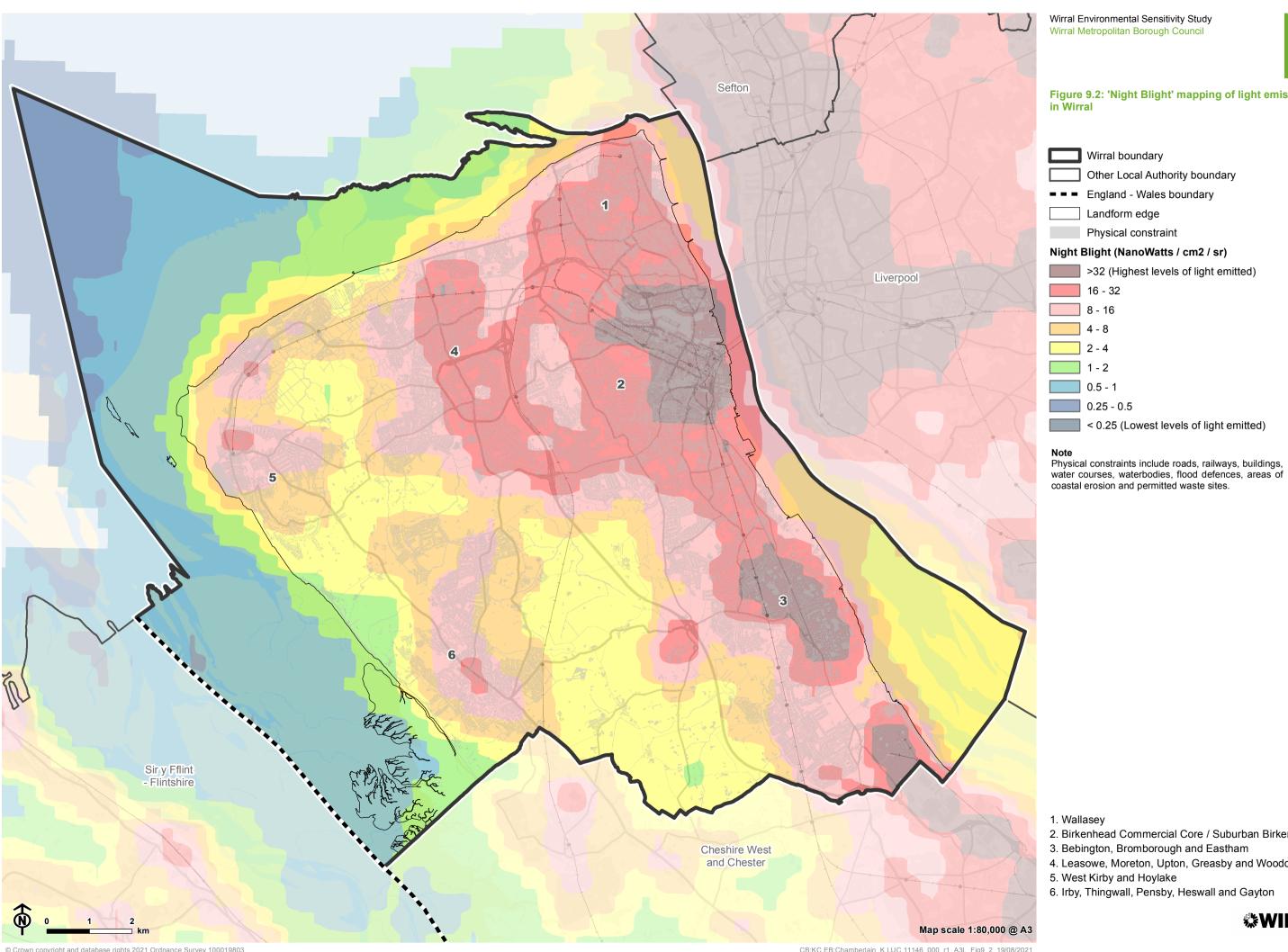




Figure 9.2: 'Night Blight' mapping of light emission

Wirral boundary Other Local Authority boundary ■ ■ England - Wales boundary Landform edge Physical constraint Night Blight (NanoWatts / cm2 / sr) >32 (Highest levels of light emitted) 16 - 32 0.5 - 1 0.25 - 0.5 < 0.25 (Lowest levels of light emitted)

- 1. Wallasey
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- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



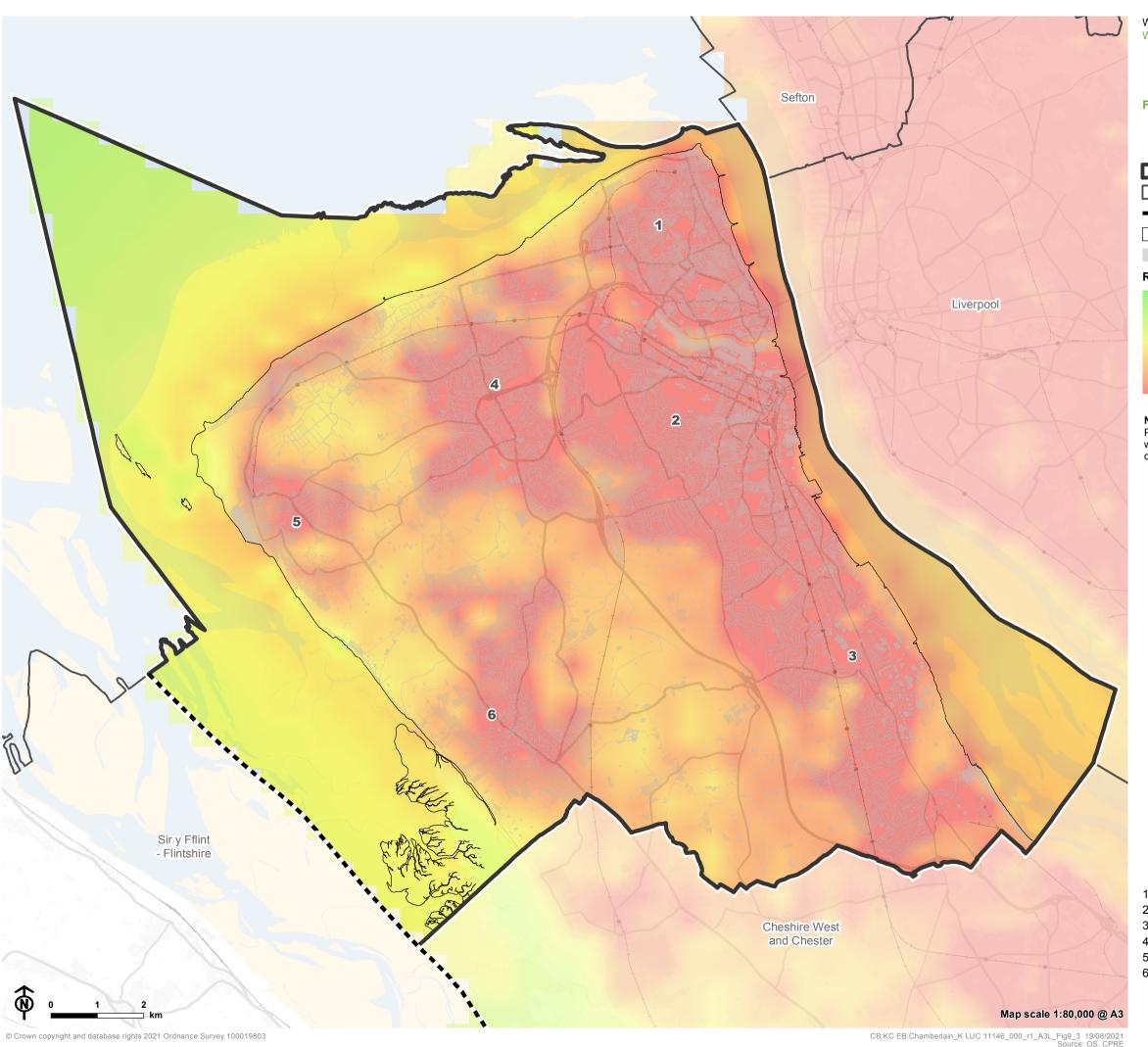


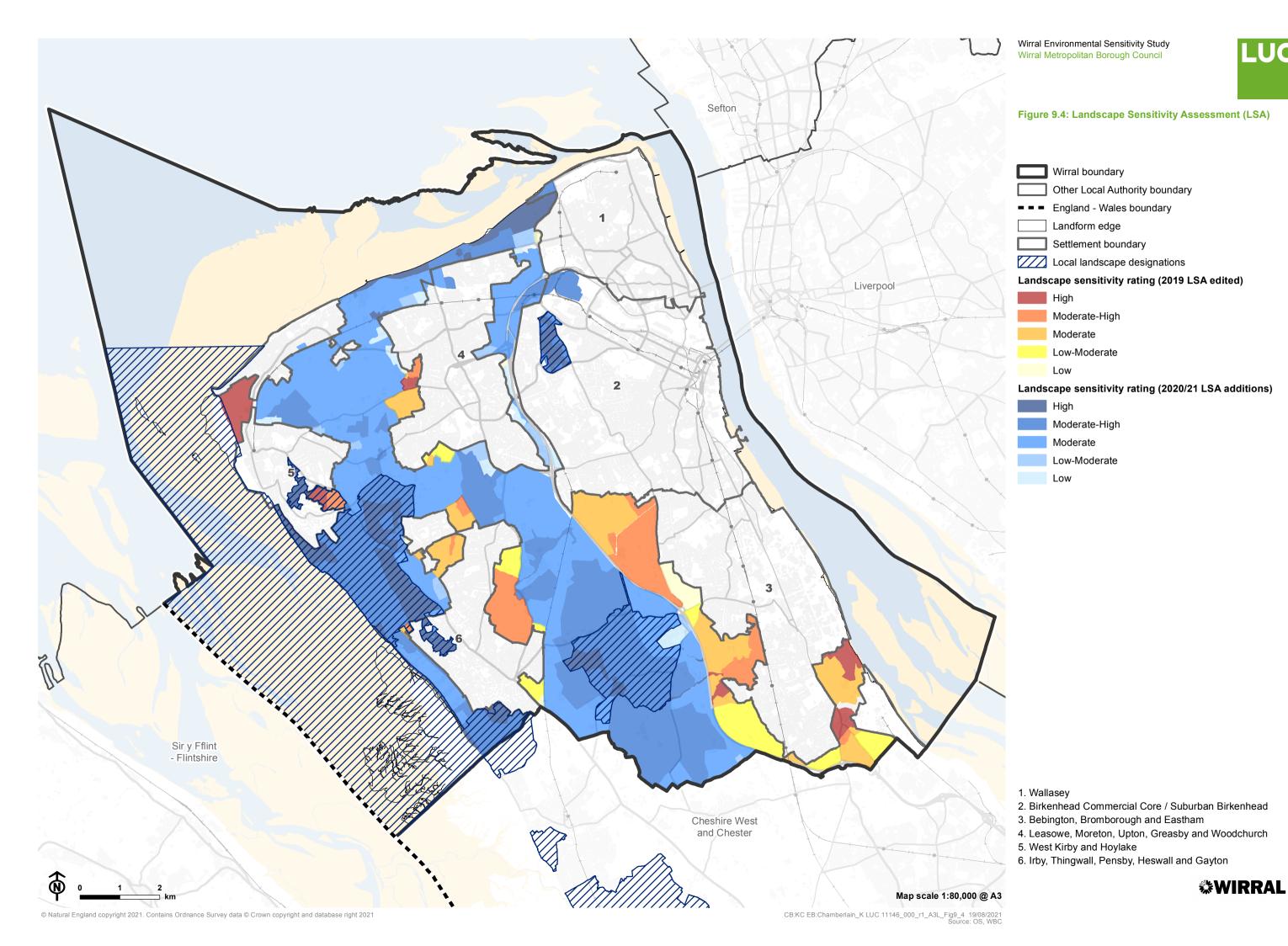


Figure 9.3: Areas of 'tranquillity' in Wirral

- Wirral boundary
 Other Local Authority boundary
 Fingland Wales boundary
 Landform edge
 Physical constraint
 Relative tranquillity score
 Relatively most tranquil areas
 Relatively least tranquil areas
- Note

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
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- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton





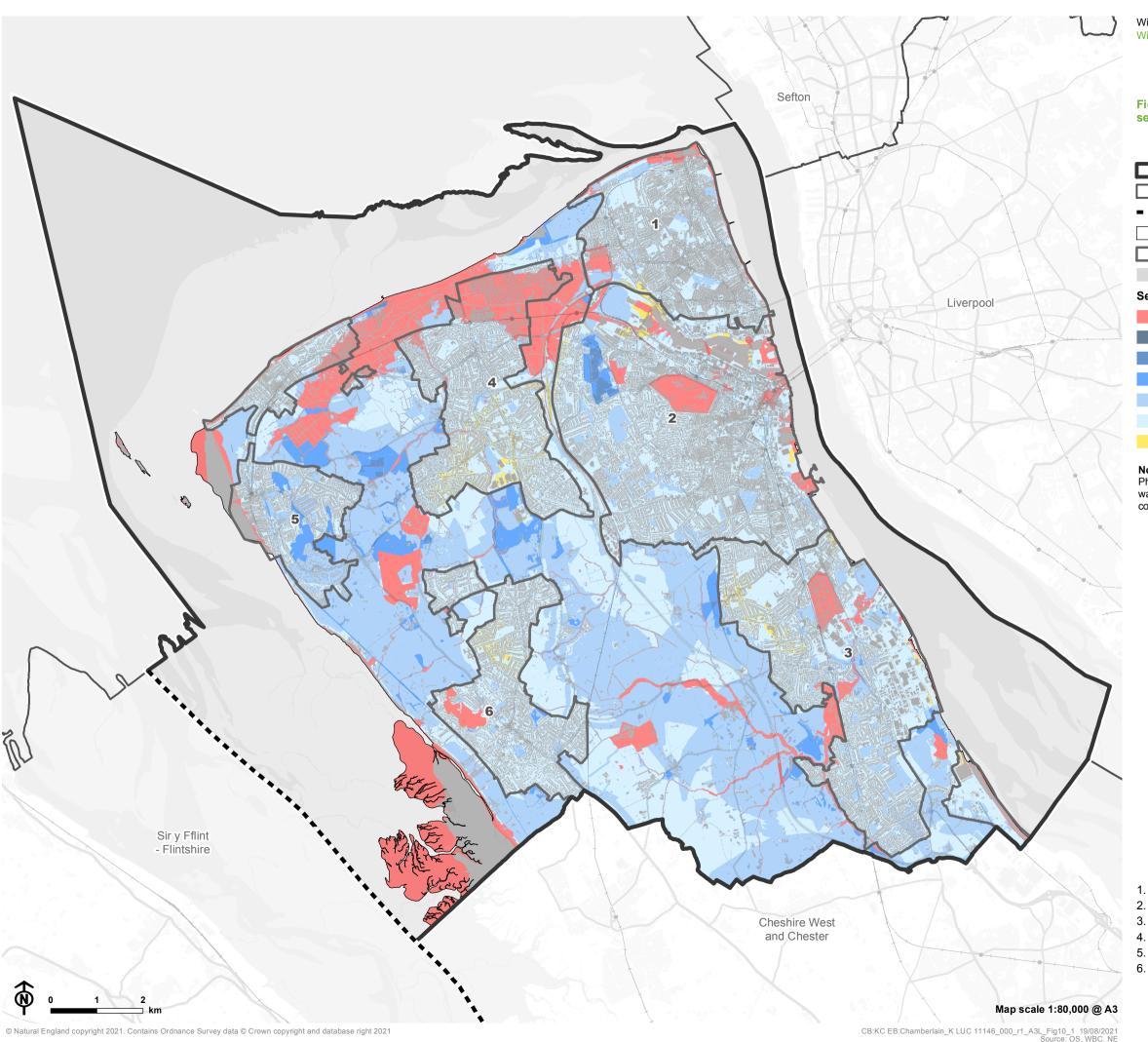




Figure 10.1: Composite mapping of environmental sensitivity in Wirral

- Other Local Authority boundary

 England Wales boundary

 Landform edge

 Settlement boundary

 Physical constraint

 Sensitivity value

 Higher

 Moderate (13-14)

 Moderate (10-12)

 Moderate (7-9)

 Moderate (4-6)

 Moderate (1-3)

 Lower
- Note

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
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- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
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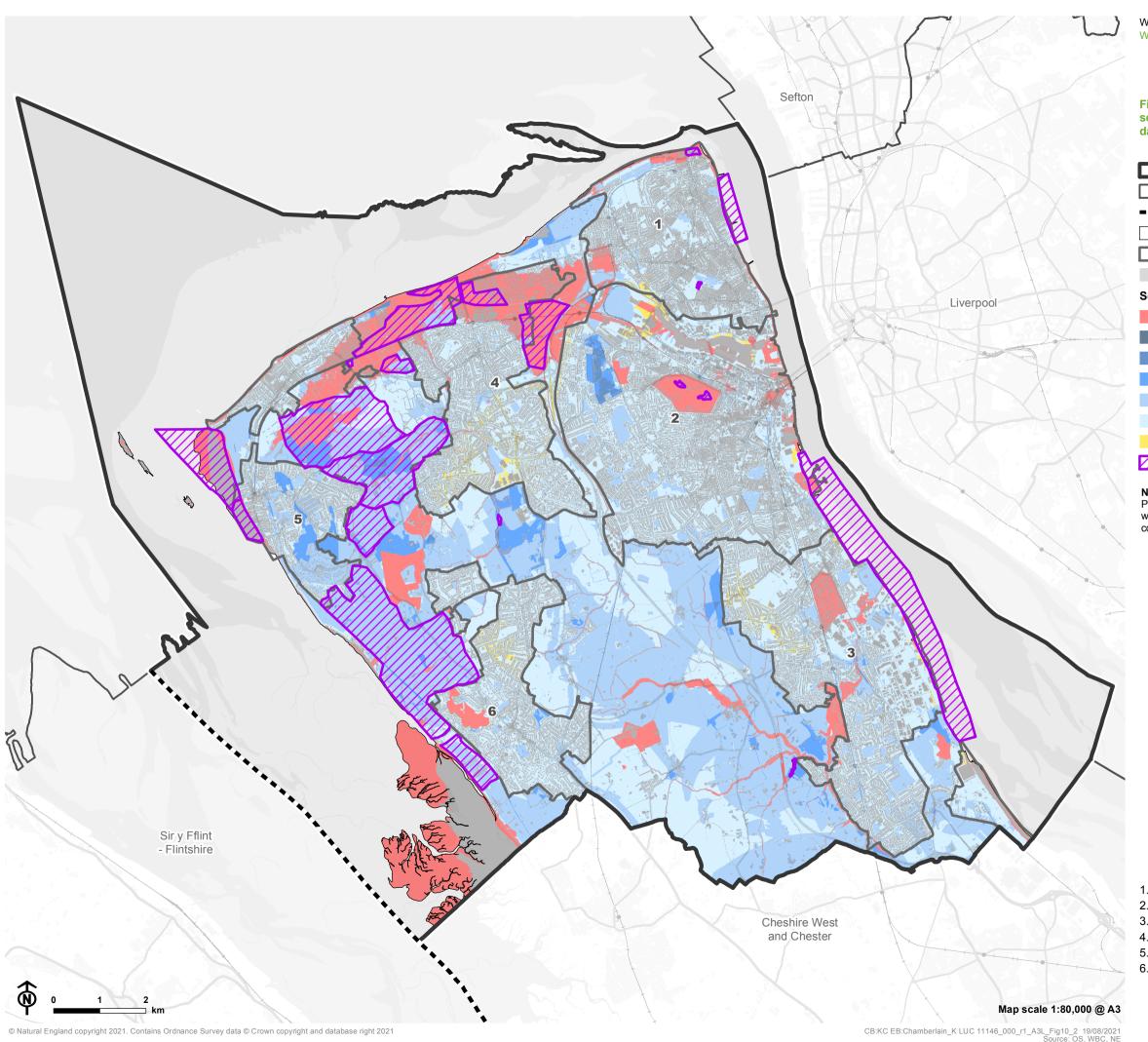




Figure 10.2: Composite mapping of environmental sensitivity in Wirral (including WeBS Core Count data)

- Other Local Authority boundary

 Image: England Wales boundary

 Landform edge

 Settlement boundary

 Physical constraint

 Sensitivity value

 Higher

 Moderate (13-14)

 Moderate (10-12)

 Moderate (7-9)

 Moderate (4-6)

 Moderate (1-3)

 Lower

 WeBS boundary
- Note

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
- 3. Bebington, Bromborough and Eastham
- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



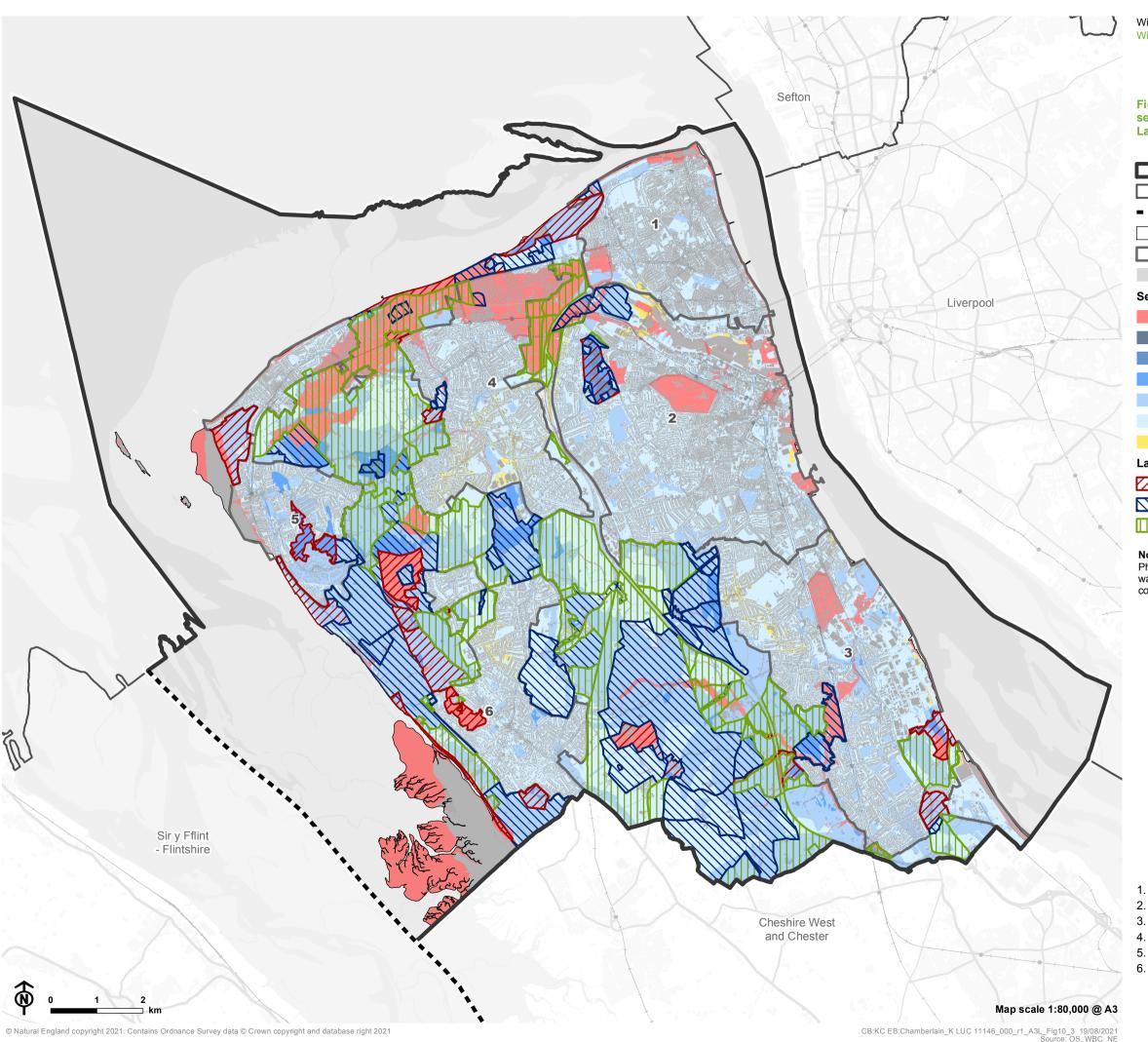




Figure 10.3: Composite mapping of environmental sensitivity in Wirral (including areas of heightened Landscape Sensitivity)

- Wirral boundary Other Local Authority boundary ■ ■ England - Wales boundary Landform edge Settlement boundary Physical constraint Sensitivity value Higher Moderate (13-14) Moderate (10-12) Moderate (7-9) Moderate (4-6) Moderate (1-3) Lower Landscape sensitivity rating //// High Moderate-High Moderate

- 1. Wallasey
- 2. Birkenhead Commercial Core / Suburban Birkenhead
- 3. Bebington, Bromborough and Eastham
- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



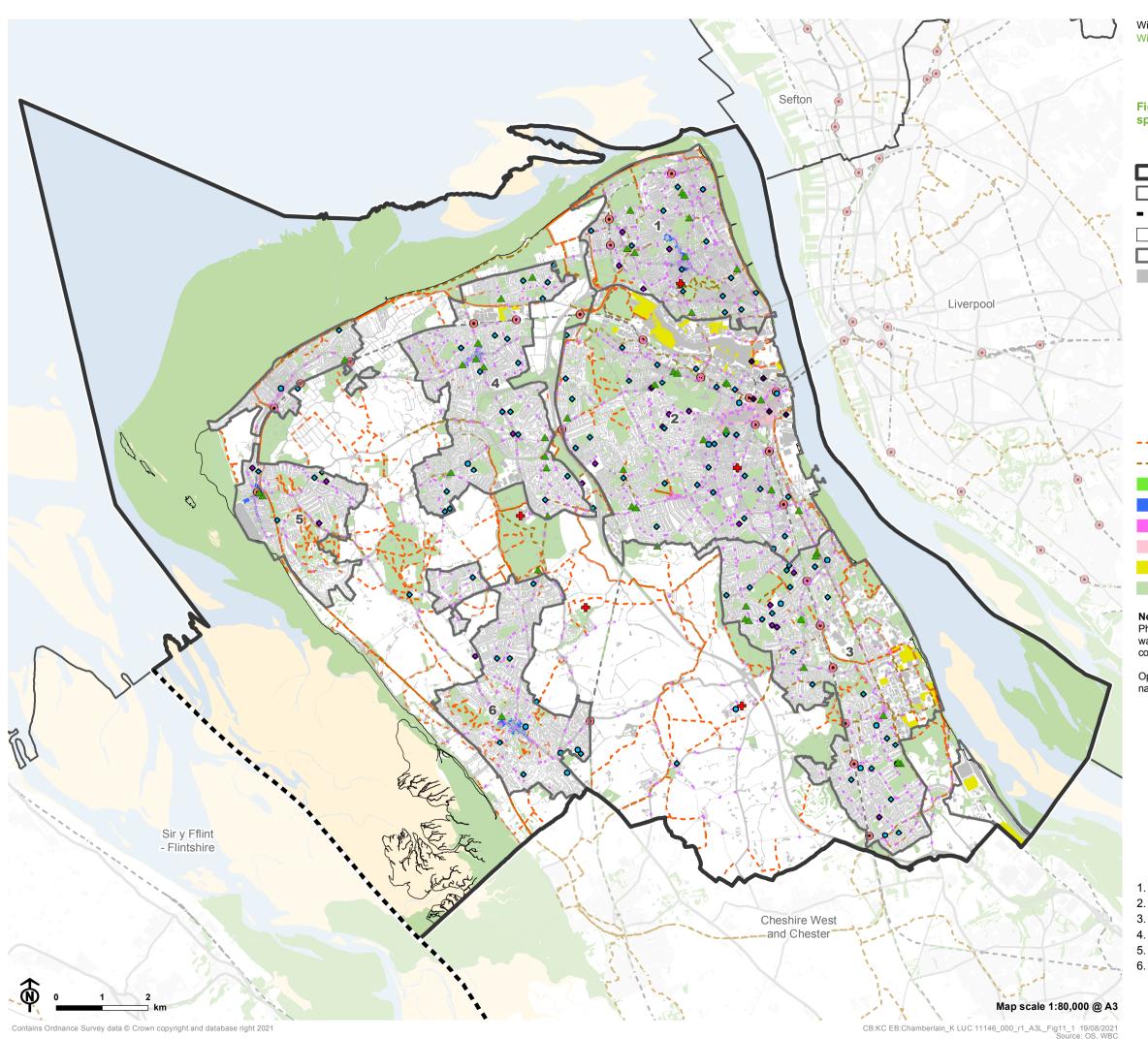




Figure 11.1: Location of key services and open space in Wirral

- Wirral boundary
- Other Local Authority boundary
- ■ England Wales boundary
- Landform edge
 - Settlement boundary
- Physical constraint
- Hospital
- ▲ GP surgery
- Primary or middle school
- Secondary school
- Further or higher education
- Bus stop
- Rail station
- --- Public Right of Way
- ---- Cycle route
 - Local centre
- Town centre
- District centre
- Sub-regional centre
- Employment centre
 - Open space

Note

Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

Open space layer is as on Figure 7.1 but also includes natural open spaces such as beaches and foreshore.

- 1. Wallasey
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- 3. Bebington, Bromborough and Eastham
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- 6. Irby, Thingwall, Pensby, Heswall and Gayton



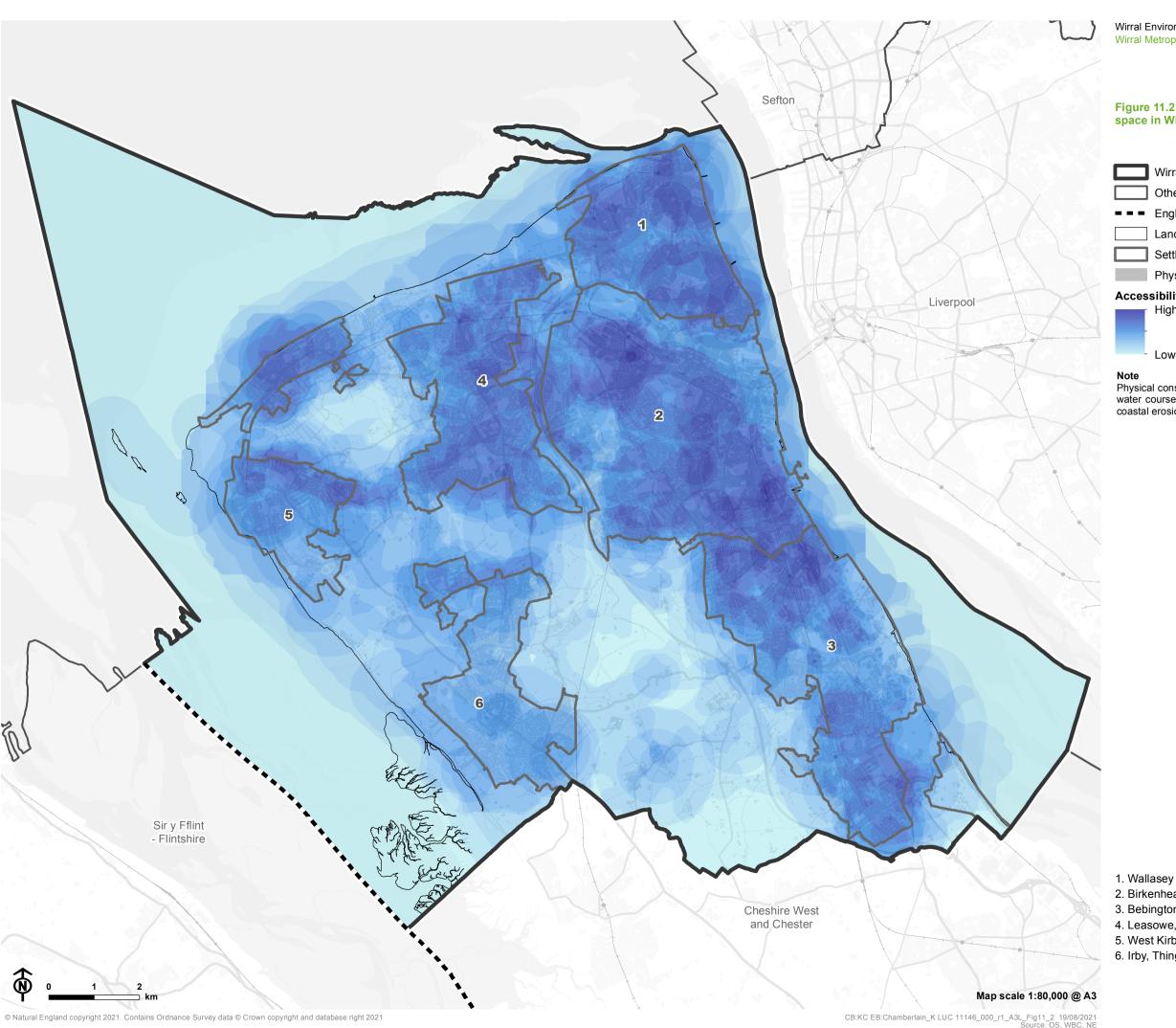




Figure 11.2: Accessibility to key services and open space in Wirral

Wirral boundary Other Local Authority boundary ■ ■ ■ England - Wales boundary Landform edge Settlement boundary Physical constraint Accessibility to key services and open space facilities rating Highest accessibility

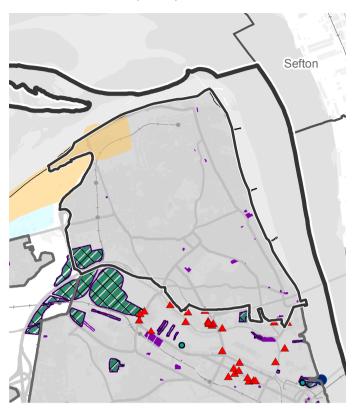
Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

Lowest accessibility

- 2. Birkenhead Commercial Core / Suburban Birkenhead
- 3. Bebington, Bromborough and Eastham
- 4. Leasowe, Moreton, Upton, Greasby and Woodchurch
- 5. West Kirby and Hoylake
- 6. Irby, Thingwall, Pensby, Heswall and Gayton



Core Theme 1. Land, soils, minerals and waste sites



Core Theme 2. Ecology and geology assets



Core Theme 3. Water and coastal environment assets

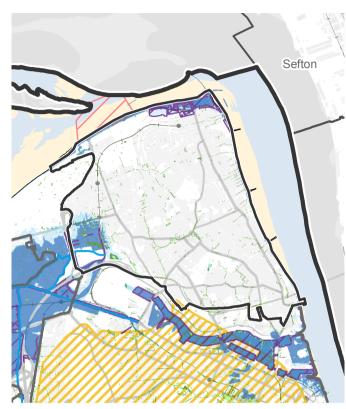


Figure 12.1 Environmental constraints around

Wirral boundary Source protection zone Other Local Authority Landform edge Waterbody Core theme 4. Historic Wallasey Other Settlement Area Cheshire historic characterisation Core theme 1. Land Soils C20th Fieldscapes Permitted waste site Post Medieval Fieldscapes Industry / processing facility Communications Urban waste water treatment Industry XX Waste disposal site Non-improved Land /// Historic landfill site Recreation Brownfield site Settlement **Agricultural Land** Site of archaeological Classification importance Grade 2 Registered parks and gardens Non Agricultural Conservation area Settlement area Listed building Core theme 2. Ecology Core theme 5. Greenspace WeBS boundaries Allotment Local Nature Reserve Golf course Local Wildlife Site Open space --- Public Right of Way Local Geological Site Ramsar Country park Core Theme 6. Carbon Special Area of storage Special Protection Amenity grassland Site of Special Scientific Interest Arable land SSSI Impact Risk Zone -Broadleaf woodland Residential Open mosaic habitat Buildings **Priority Habitat Inventory (PHI)** Coniferous woodland Coastal and floodplain grazing Garden / brownfield marsh Heath Coastal sand dunes Improved grassland Deciduous woodland Intertidal Linear

Marsh

Mosaic

Other

Scrub

Water

grassland

Natural rock

Private garden

Sealed surface

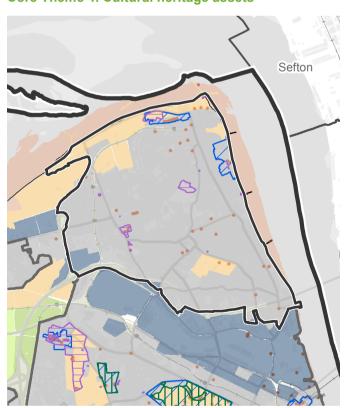
Mixed woodland

Parkland / scattered trees

Roads, paths or railways

Unimproved / semi-improved

Core Theme 4. Cultural heritage assets



Core Theme 5. Green space and recreation assets



Core Theme 6. Carbon storage assets



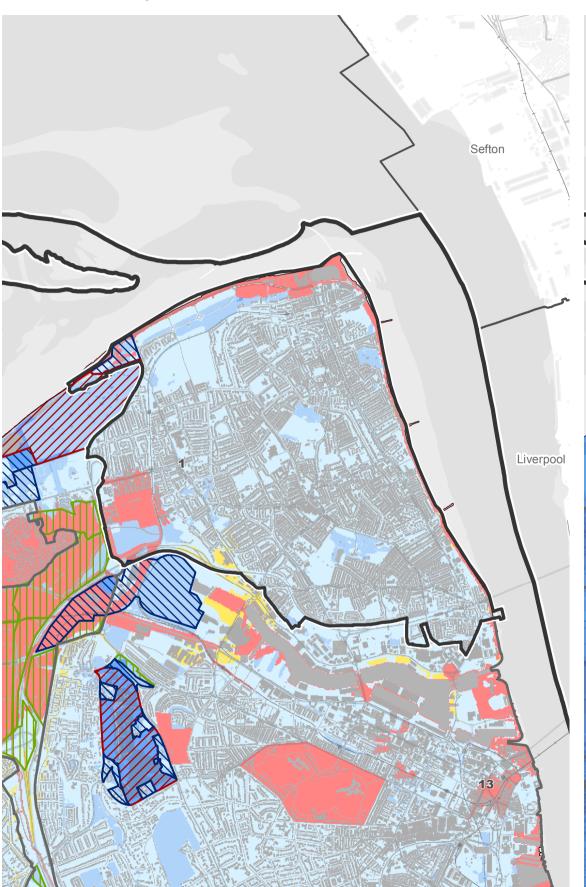
Lowland dry acid grassland Lowland heathland Mudflats No main habitat but additional habitats present Reedbeds Core theme 3. Water Bathing water Risk of flooding from surface water (3.3%) Risk of flooding from surface water (1%) River Flood zone 3b

Flood zone 3 Flood zone 2





Overall sensitivity



Accessibility

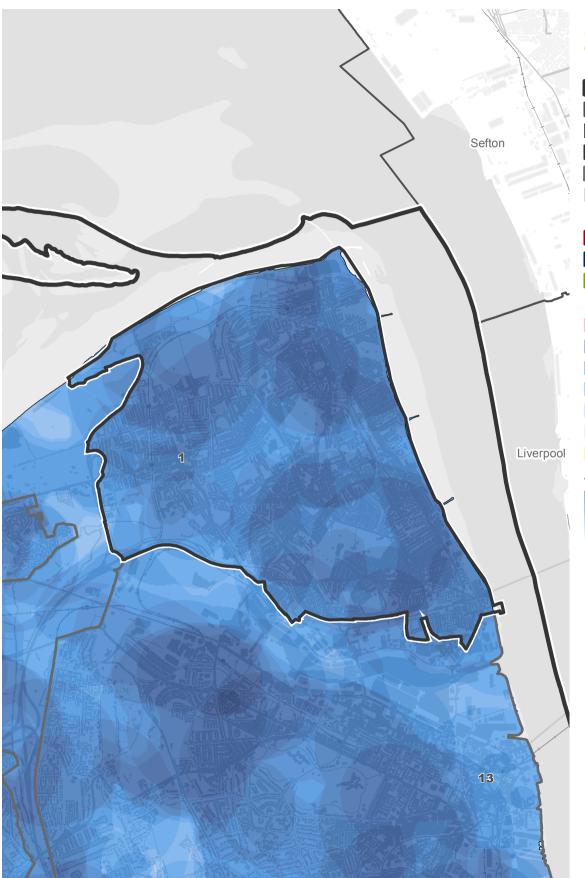


Figure 12.2 Mapping of environmental sensitivity (including landscape) and potential for carbon emissions around Wallasey

Wirral boundary

Other Local Authority boundary

Landform edge

Wallasey

Other settlement boundary

Physical constraint

Landscape sensitivity rating

High

Moderate-High

Moderate Moderate

Environmental sensitivity

High

Moderate (13-14)

Moderate (10-12)

Moderate (7-9)

Moderate (4-6)

Moderate (1-3)

Accessibility to key services and open space facilities rating

Highest accessibility

Lowest accessibility

Note

Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

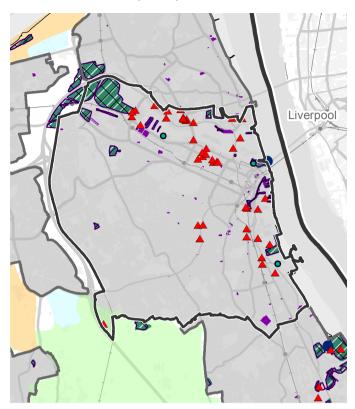
1. Wallasey

13. Birkenhead commercial core

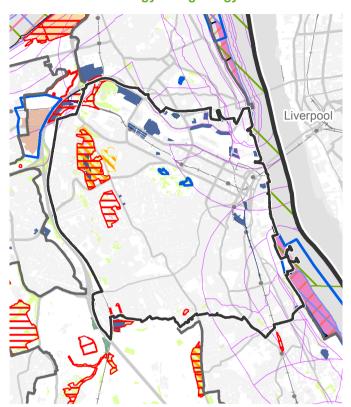




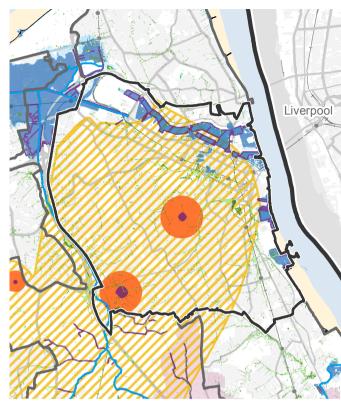
Core Theme 1. Land, soils, minerals and waste sites



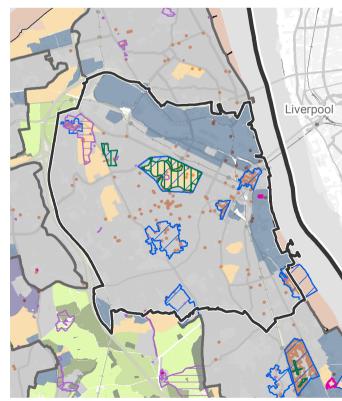
Core Theme 2. Ecology and geology assets



Core Theme 3. Water and coastal environment assets



Core Theme 4. Cultural heritage assets



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Core Theme 5. Green space and recreation assets



Core Theme 6. Carbon storage assets



Figure 12.3 Environmental constraints around Birkenhead Commercial Core / Suburban

	Birkenhead Commercial Core Birkenhead	/ Subi	ırban
	Wirral boundary	Source prote	
一	Other Local Authority		1
	Landform edge		2
一	Birkenhead Commercial Core /		3
ш	Suburban Birkenhead		Waterb
	Other Settlement Area		Nitrate
Core	theme 1. Land Soils	Core	theme
	Permitted waste site	Ches	hire his
•	Industry / processing facility	chara	acterisa
	Urban waste water treatment		Ancien
	plant		C20th
\boxtimes	Waste disposal site		Post M
	Historic landfill site		Comm
	Brownfield site		Industr
Agricultural Land Classification			Non-in
Class	Grade 2		Ornam
	Grade 3		Recrea
			Settler
	Non Agricultural Settlement area		Woodl
Coro	theme 2. Ecology		Sched
Core	WeBS boundaries		Site of
H	Local Nature Reserve		importa
	Local Wildlife Site	Щ	Regist
$\overline{}$	Local Geological Site		Conse Listed
	Ramsar	Coro	
\vdash	Special Area of	Core	theme
H	Special Protection		Allotme Golf co
\vdash	Site of Special Scientific Interest		Open s
	SSSI Impact Risk Zone -		Public
	Residential		Countr
	Open mosaic habitat	Coro	Theme
Priority Habitat Inventory (PHI)		storage	
	Coastal and floodplain grazing		Ameni
	marsh		Arable
	Coastal sand dunes		Broadl
	Deciduous woodland		Buildin
	Good quality semi-improved		Conife
	grassland		Garde
	Lowland dry acid grassland		Heath
	Lowland heathland Mudflats		Improv
	No main habitat but additional		Intertid
	habitats present		Linear
	Reedbeds		Marsh
	Traditional orchard		Mixed
Core	theme 3. Water		Mosaid
	Risk of flooding from surface		Natura
	water (3.3%)		Other
	Risk of flooding from surface		Parkla
	water (1%)		Private
_	River		Roads

Flood zone 3b

Flood zone 3 Flood zone 2

Source protection zone 2 3 Waterbody Nitrate vulnerable zone Core theme 4. Historic Cheshire historic characterisation Ancient Fieldscapes C20th Fieldscapes Post Medieval Fieldscapes Communications Industry Non-improved Land Ornamental Recreation Settlement Woodland Scheduled monument Site of archaeological importance Registered parks and gardens Conservation area Listed building **Core theme 5. Greenspace** Allotment Golf course Open space --- Public Right of Way Country park **Core Theme 6. Carbon** storage Amenity grassland Arable land Broadleaf woodland Buildings Coniferous woodland Garden / brownfield Heath Improved grassland Intertidal Linear

Mosaic Natural rock

Scrub

Water

Mixed woodland

Private garden Roads, paths or railways

Sealed surface

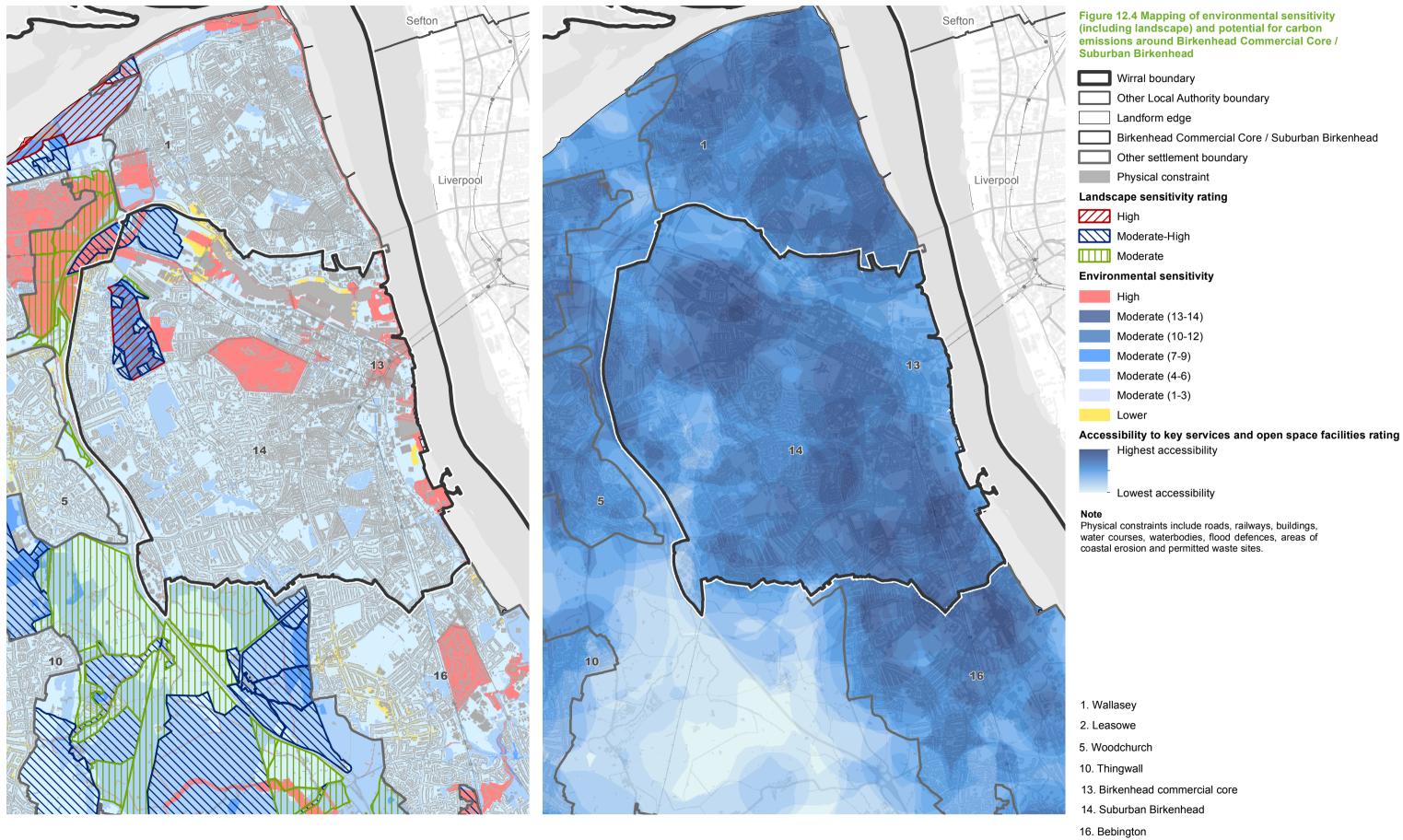
grassland

Parkland / scattered trees

Unimproved / semi-improved



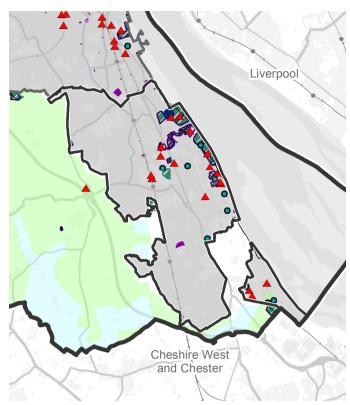
Overall sensitivity Accessibility



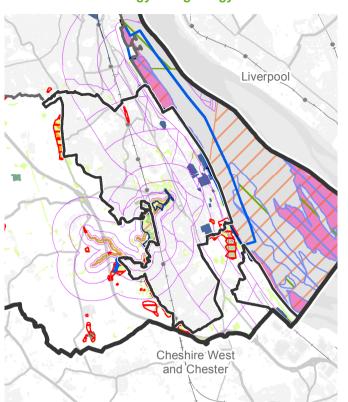


CB:KC EB:Chamberlain_K LUC 11146_000_r1_A3L_Fig12_Sensitivity_DDP 19/08/2021 Source: OS, WBC, NE, HE, EEA, EA, LUC

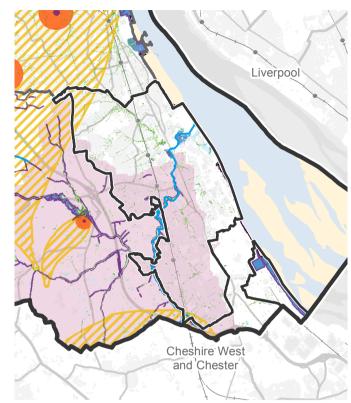
Core Theme 1. Land, soils, minerals and waste sites



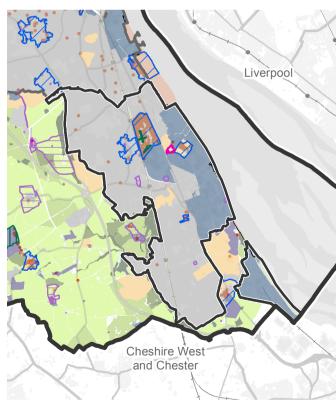
Core Theme 2. Ecology and geology assets



Core Theme 3. Water and coastal environment assets

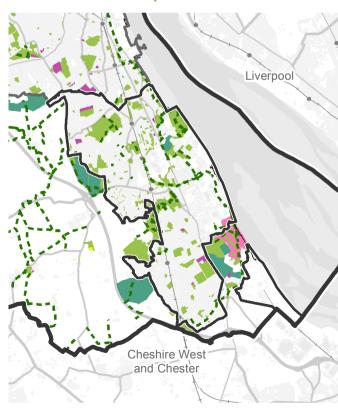


Core Theme 4. Cultural heritage assets



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Core Theme 5. Green space and recreation assets



Core Theme 6. Carbon storage assets

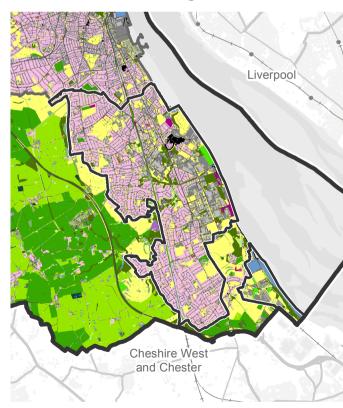


Figure 12.5 Environmental constraints around Bebington, Bromborough and Eastham

Wirral boundary	Source protection zone		
Other Local Authority	1		
Landform edge	2		
Bebington, Bromborough and	3		
Eastham	Waterbody		
Other Settlement Area	Nitrate vulnerable zone		
Core theme 1. Land Soils	Core theme 4. Historic		
Permitted waste site	Cheshire historic		
 Industry / processing facility 	characterisation		
Urban waste water treatment	Ancient Fieldscapes		
plant	C20th Fieldscapes		
Waste disposal site	Post Medieval Fieldscapes		
Historic landfill site	Communications		
Brownfield site	Industry		
Agricultural Land	Non-improved Land		
Classification	Ornamental		
Grade 2	Recreation		
Grade 3	Settlement		
Grade 5	Water Bodies		
Non Agricultural	Woodland		
Settlement area	Scheduled monument		
Core theme 2. Ecology	Site of archaeological		
WeBS boundaries	importance		
Local Nature Reserve	Registered parks and gardens		
Local Wildlife Site	Conservation area		
Local Geological Site	 Listed building 		
Ramsar	Core theme 5. Greenspace		
Special Protection	Allotment		
Site of Special Scientific Interest	Golf course		
SSSI Impact Risk Zone - Residential	Open space		
Ancient woodland	Public Right of Way		
Open mosaic habitat	Country park		
Priority Habitat Inventory (PHI)	Registered common land		
Coastal saltmarsh	Core Theme 6. Carbon		
Deciduous woodland	torage		
Good quality semi-improved	Amenity grassland Arable land		
grassland			
Mudflats	Bogs, fens and swamps		
No main habitat but additional	Broadleaf woodland		
habitats present	Buildings Coniferous woodland		
Reedbeds	Garden / brownfield		
Traditional orchard			
Core theme 3. Water	Heath		
Risk of flooding from surface	Improved grassland Intertidal		
water (3.3%)			
Risk of flooding from surface	Linear		
water (1%)	Marsh Mixed woodland		
Areas affected by coastal	Mixed woodland		





change

Flood zone 3b

Flood zone 2

Flood zone 3

River

Water

grassland

Mosaic

Natural rock

Other

Orchard

Private garden Roads, paths or railways

Parkland / scattered trees

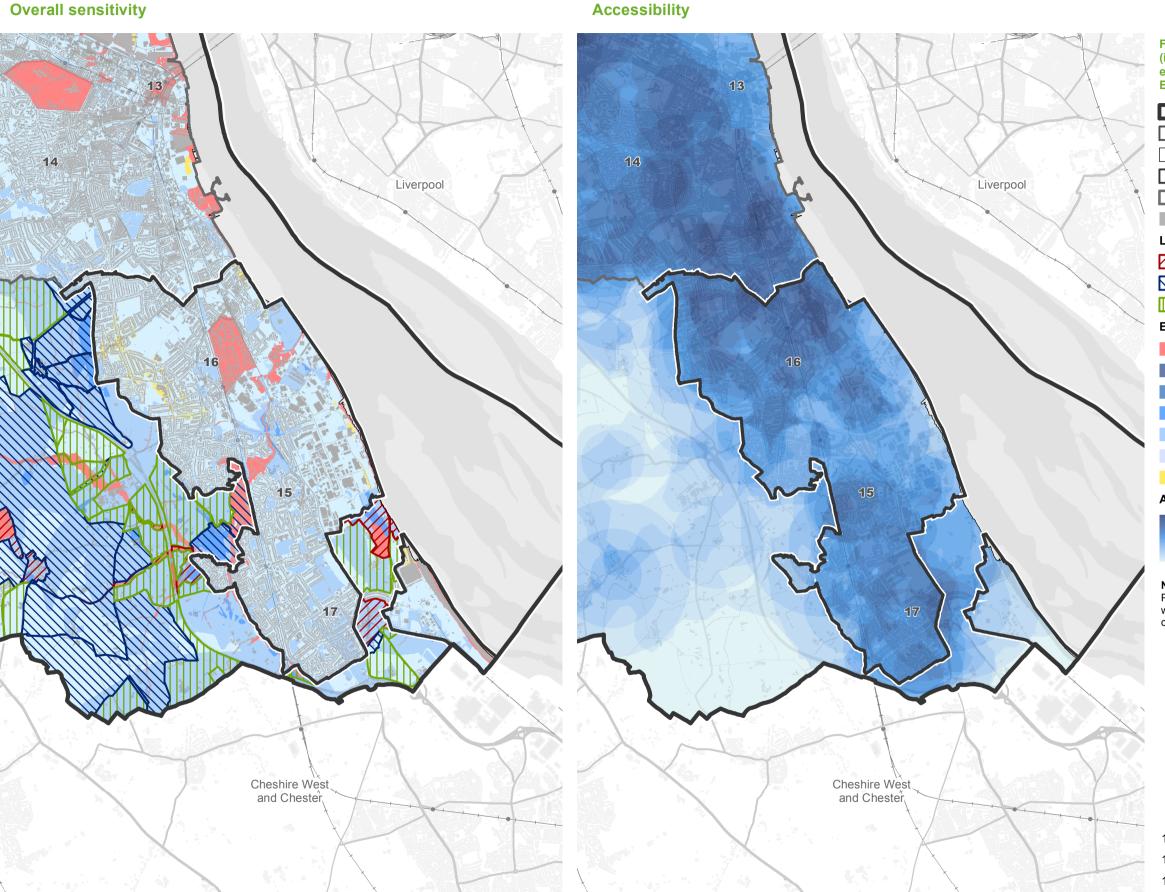


Figure 12.6 Mapping of environmental sensitivity (including landscape) and potential for carbon emissions around Bebington, Bromborough and **Eastham**

Wirral boundary

Other Local Authority boundary

Landform edge

Bebington, Bromborough and Eastham

Other settlement boundary Physical constraint

Landscape sensitivity rating

High

Moderate-High

Moderate Moderate

Environmental sensitivity

High

Moderate (13-14)

Moderate (10-12)

Moderate (7-9)

Moderate (4-6)

Moderate (1-3)

Accessibility to key services and open space facilities rating

Highest accessibility

Lowest accessibility

- 13. Birkenhead commercial core
- 14. Suburban Birkenhead
- 15. Bromborough
- 16. Bebington
- 17. Eastham





Cheshire historic

Ancient Fieldscapes

Post Medieval Fieldscapes

C20th Fieldscapes

Communications

Ornamental

Recreation

Settlement

Woodland

importance

Conservation area

Allotment

Golf course

--- Public Right of Way

Open country

Country park

Core Theme 6. Carbon

Arable land

Buildings

Heath

Intertidal

Linear

Marsh

Mosaic

Orchard

Other

Natural rock

Amenity grassland

Broadleaf woodland

Coniferous woodland

Garden / brownfield

Improved grassland

Mixed woodland

storage

Listed building

Core theme 5. Greenspace

Water Bodies

Non-improved Land

Scheduled monument

Site of archaeological

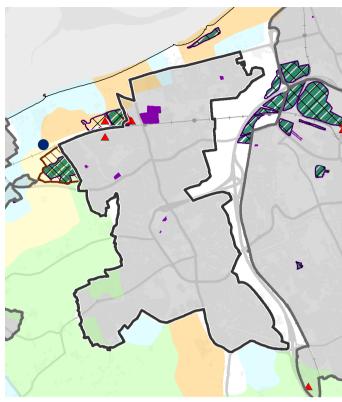
Registered parks and gardens

Registered common land

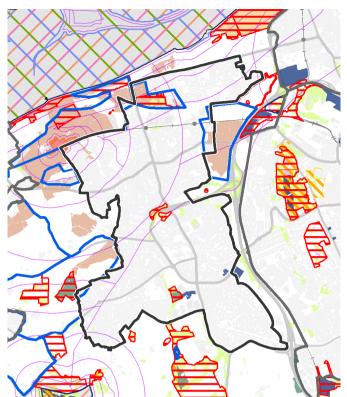
characterisation

Industry

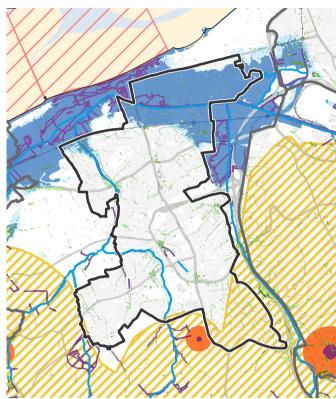
Core Theme 1. Land, soils, minerals and waste sites



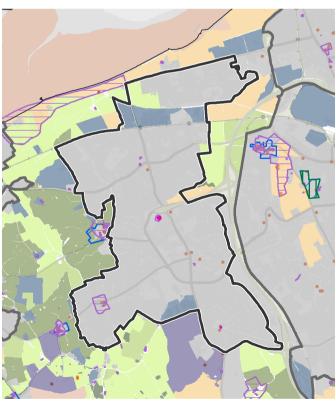
Core Theme 2. Ecology and geology assets



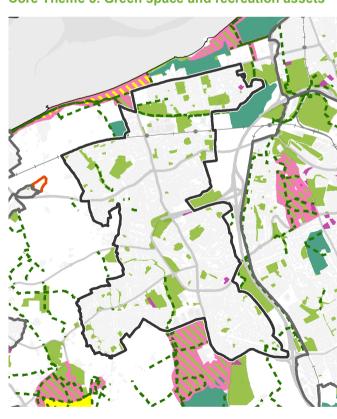
Core Theme 3. Water and coastal environment assets

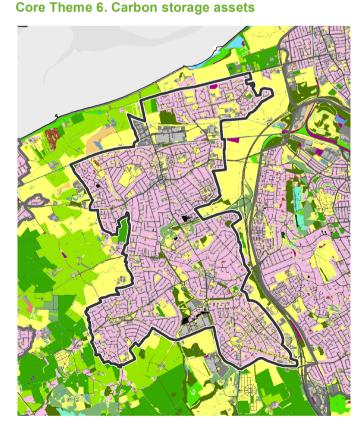


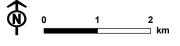
Core Theme 4. Cultural heritage assets



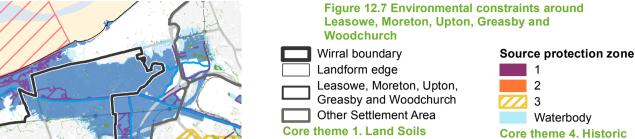
Core Theme 5. Green space and recreation assets







\$WIRRAL



Mineral reserve Urban waste water treatment

Permitted waste site

plant Waste disposal site

/// Historic landfill site Brownfield site

Agricultural Land Classification

Grade 2 Grade 3 Grade 4 Non Agricultural

Settlement area

Core theme 2. Ecology WeBS boundaries

Local Nature Reserve Local Wildlife Site

Local Geological Site Ramsar

Special Area of Special Protection

Site of Special Scientific Interest Open space SSSI Impact Risk Zone -Residential

Open mosaic habitat

Priority Habitat Inventory (PHI)

Coastal and floodplain grazing marsh Coastal sand dunes

Deciduous woodland Good quality semi-improved

grassland Lowland dry acid grassland

Lowland heathland Lowland meadows

No main habitat but additional habitats present Reedbeds

Traditional orchard Core theme 3. Water

Bathing water Risk of flooding from surface water (3.3%)

Risk of flooding from surface water (1%) River

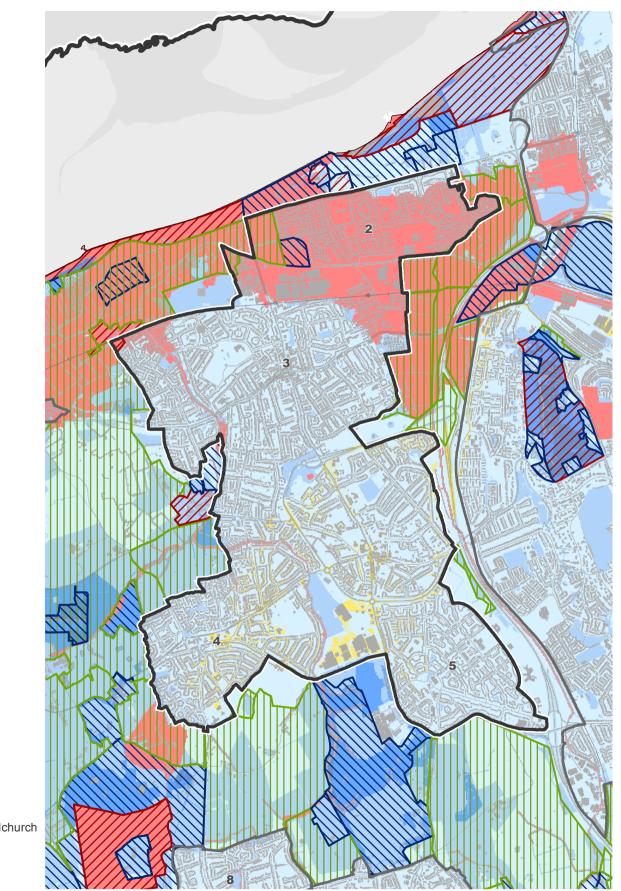
Flood zone 3b Flood zone 3

Flood zone 2

Parkland / scattered trees Private garden Roads, paths or railways Scrub Sealed surface Unimproved / semi-improved grassland Water

itivity Study th Council

Overall sensitivity Accessibility



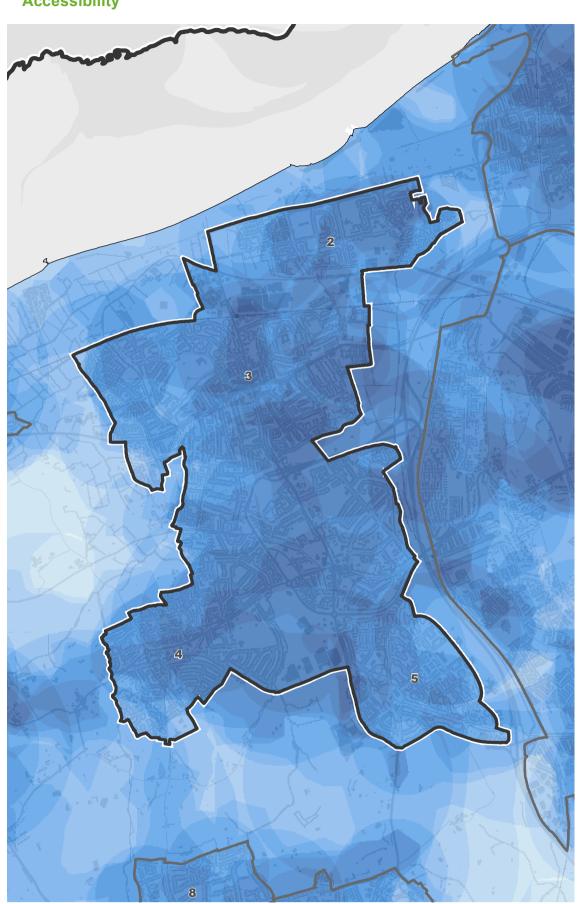


Figure 12.8 Mapping of environmental sensitivity (including landscape) and potential for carbon emissions around Leasowe, Moreton, Upton, Greasby and Woodchurch

Wirral boundary

Other Local Authority boundary

Landform edge

Leasowe, Moreton, Upton, Greasby and Woodchurch

Other settlement boundary

Physical constraint

Landscape sensitivity rating

High

Moderate-High

Moderate Moderate

Environmental sensitivity

High

Moderate (13-14)

Moderate (10-12)

Moderate (7-9)

Moderate (4-6)

Moderate (1-3)

Lauran

Accessibility to key services and open space facilities rating

Highest accessibility

Lowest accessibility

Note

Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

1. Wallasey

2. Leasowe

3. Moreton

4. Greasby

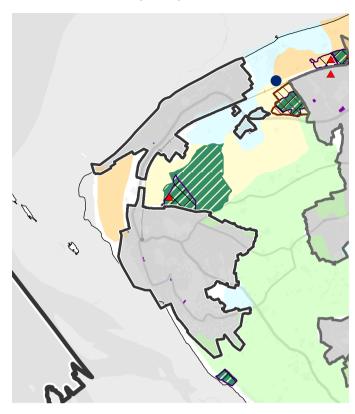
5. Woodchurch

8. Irby

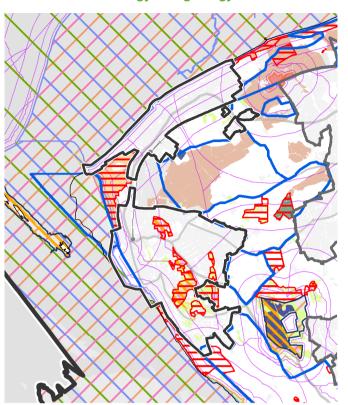




Core Theme 1. Land, soils, minerals and waste sites



Core Theme 2. Ecology and geology assets



Core Theme 3. Water and coastal environment assets

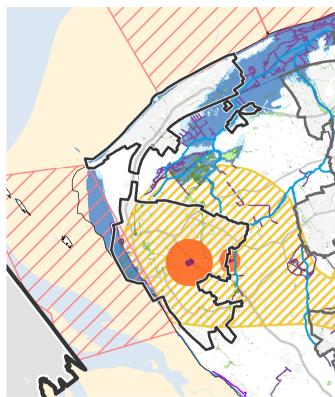
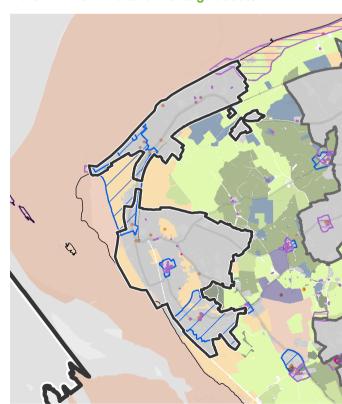


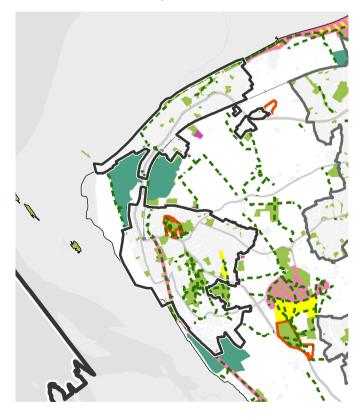
Figure 12.9 Environmental constraints around West Kirby and Hoylake



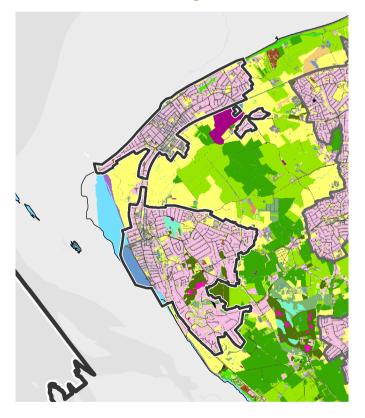
Core Theme 4. Cultural heritage assets



Core Theme 5. Green space and recreation assets



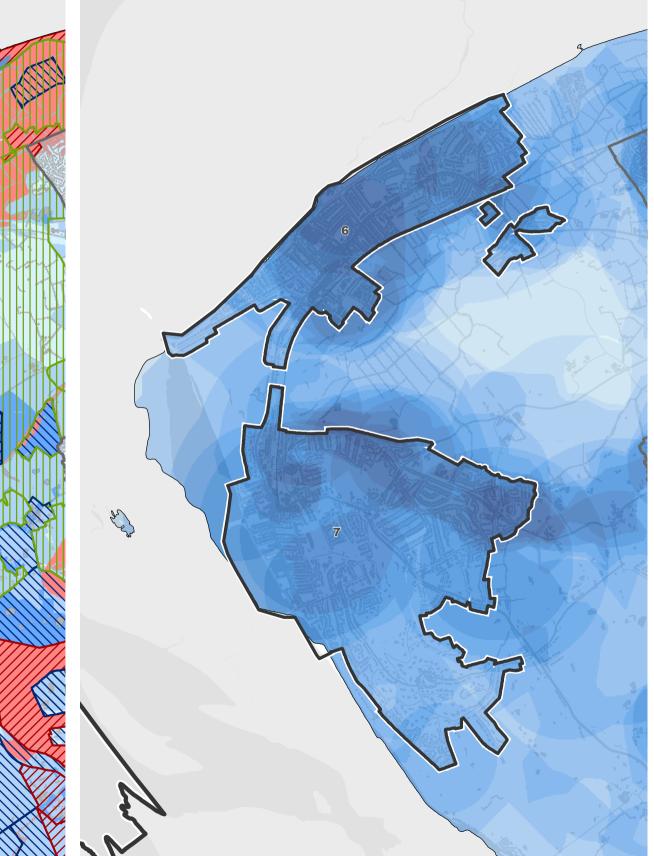
Core Theme 6. Carbon storage assets



\$WIRRAL

Classification Non-improved Land Ornamental Recreation Settlement Water Bodies Woodland Core theme 2. Ecology Scheduled monument Site of archaeological importance Conservation area Listed building Core theme 5. Greenspace Golf course Open space Site of Special Scientific Interest -- Public Right of Way Open country Country park Open mosaic habitat Registered common land **Priority Habitat Inventory (PHI)** Core Theme 6. Carbon Amenity grassland Arable land Bogs, fens and swamps Broadleaf woodland Buildings Coniferous woodland Garden / brownfield Heath Lowland meadows Improved grassland Maritime cliff and slope Intertidal No main habitat but additional Linear habitats present Marsh Reedbeds Mixed woodland Traditional orchard Mosaic Core theme 3. Water Natural rock Bathing water Orchard Risk of flooding from surface Other water (3.3%) Parkland / scattered trees Risk of flooding from surface Private garden water (1%) Roads, paths or railways Areas affected by coastal Scrub change Sealed surface River Unimproved / semi-improved Flood zone 3b grassland Flood zone 3 Water Flood zone 2







Wirral boundary

Other Local Authority boundary

Landform edge

West Kirby and Hoylake

Other settlement boundary

Physical constraint

Landscape sensitivity rating

High

Moderate-High

Moderate Moderate

Environmental sensitivity

Moderate (13-14)

Moderate (10-12)

Moderate (7-9)

Moderate (4-6) Moderate (1-3)

Accessibility to key services and open space facilities rating

Highest accessibility

Lowest accessibility

Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

6. Hoylake

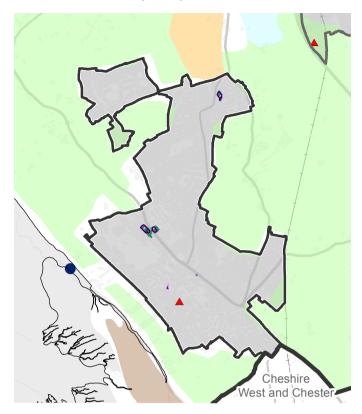
7. West Kirby



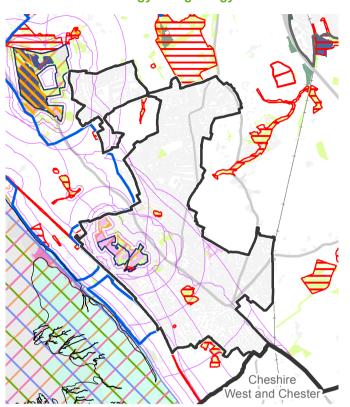
Overall sensitivity



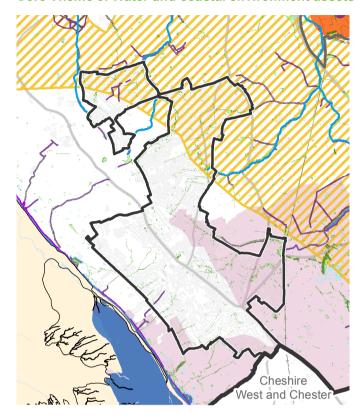
Core Theme 1. Land, soils, minerals and waste sites

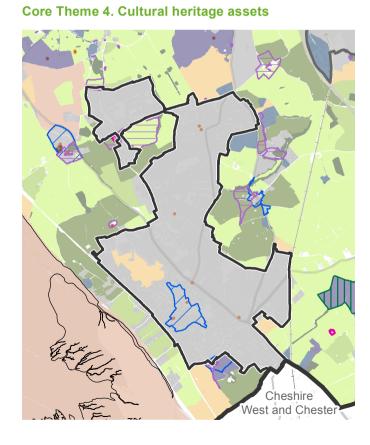


Core Theme 2. Ecology and geology assets

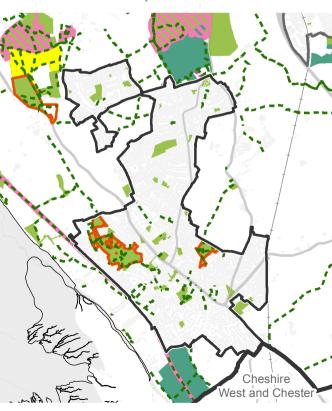


Core Theme 3. Water and coastal environment assets

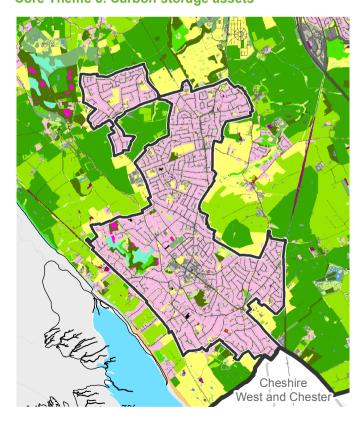




Core Theme 5. Green space and recreation assets



Core Theme 6. Carbon storage assets



Source protection zone

Figure 12.11 Environmental constraints around Irby, Thingwall, Pensby, Heswall and Gayton



Flood zone 2

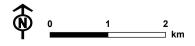
2 3 Waterbody Nitrate vulnerable zone Core theme 4. Historic Cheshire historic characterisation **Ancient Fieldscapes** C20th Fieldscapes Post Medieval Fieldscapes Communications Industry Non-improved Land Ornamental Recreation Settlement Woodland Scheduled monument Site of archaeological importance Registered parks and gardens Conservation area Listed building Core theme 5. Greenspace Golf course Open space Open country Country park Registered common land Core Theme 6. Carbon storage Amenity grassland Arable land Broadleaf woodland Buildings Coniferous woodland Garden / brownfield Heath Improved grassland Intertidal Linear Marsh Mixed woodland Mosaic Natural rock Other Parkland / scattered trees Private garden Roads, paths or railways Scrub

Sealed surface

grassland

Water

Unimproved / semi-improved



\$WIRRAL



Overall sensitivity Accessibility

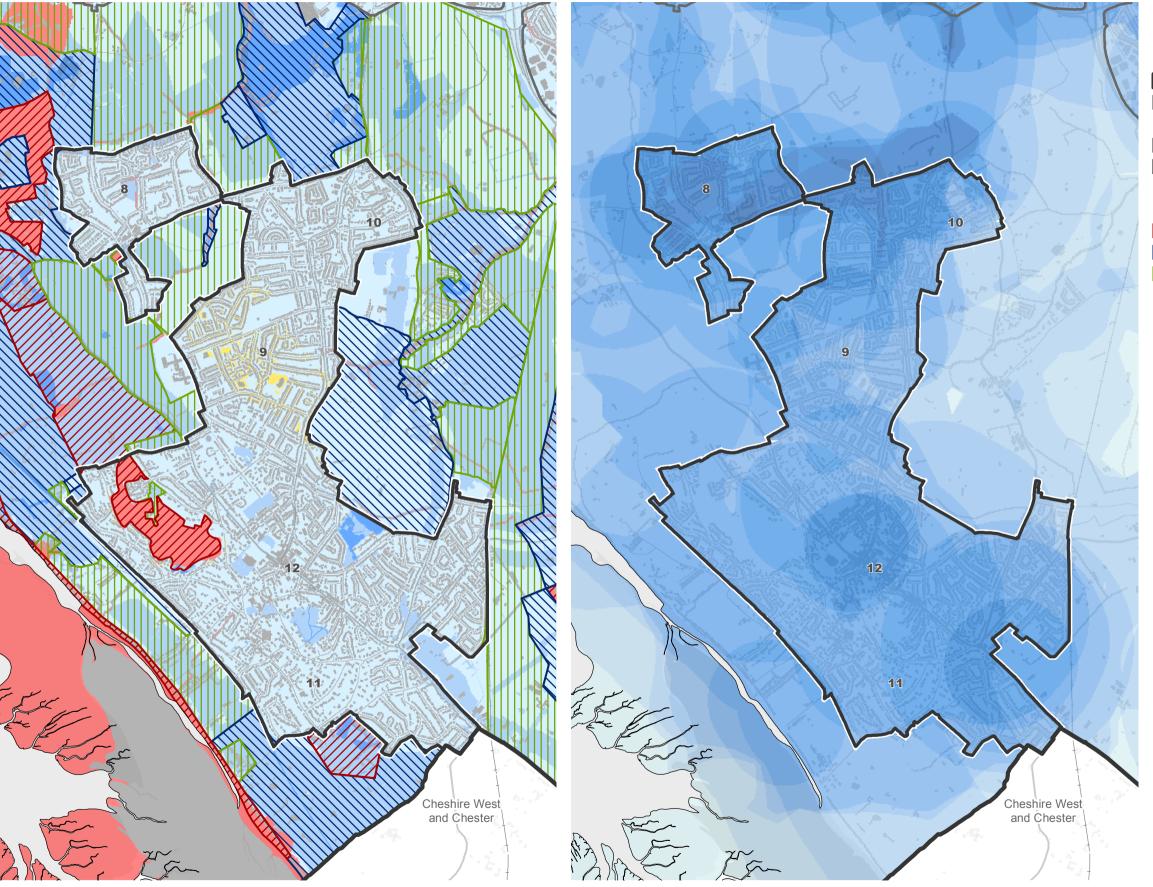


Figure 12.12 Mapping of environmental sensitivity (including landscape) and potential for carbon emissions around Irby, Thingwall, Pensby, Heswall and Gayton

Wirral boundary

Other Local Authority boundary

Landform edge

Irby, Thingwall, Pensby, Heswall and Gayton

Other settlement boundary

Physical constraint

Landscape sensitivity rating

High

Moderate-High

Moderate Moderate

Environmental sensitivity

High

Moderate (13-14)

Moderate (10-12)

Moderate (7-9)

Moderate (4-6)

Moderate (1-3)

Lower

Accessibility to key services and open space facilities rating

Highest accessibility

T fightest decessioning

Lowest accessibility

Note

Physical constraints include roads, railways, buildings, water courses, waterbodies, flood defences, areas of coastal erosion and permitted waste sites.

8. Irby

9. Pensby

10. Thingwall

11. Gayton

12. Heswall