



# **Kirklees Publication Draft Local Plan**

**Technical Paper:**

**Flood Risk**

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Planning Policy Group  
Investment and Regeneration Service  
Kirklees Council  
PO Box B93  
Civic Centre III  
Huddersfield  
HD1 2JR

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**1. Introduction**

- 1.1 One of the core planning principles set out in the National Planning Policy Framework (NPPF) is to support the transition to a low carbon future in a changing climate which includes taking full account of flood risk. This includes avoiding inappropriate development in the highest flood risk areas but where development is necessary making it safe without increasing flood risk elsewhere.
- 1.2 This paper reflects on the specific content of the NPPF in relation to flood risk including the process of ensuring local plan policies are consistent with national policy. It sets out the Sequential Test and Exception Test processes in relation to the proposed development allocations in the Publication Draft Local Plan. The links between the local plan and the role of the Kirklees Council as Lead Local Flood Authority are also considered.

## 2. **National policies**

- 2.1 Local Plans are required to undertake a sequential risk-based approach to the location of development (NPPF paragraph 100 - 102). This includes applying the Sequential Test, Exception Test (where applicable) and requiring a site-specific flood risk assessment.
- 2.2 In terms of the Sequential Test, NPPF paragraph 101 states that *“The aim of the Sequential Test is to steer new development to areas with the lowest probability of flooding. Development should not be allocated or permitted if there are reasonably available sites appropriate for the proposed development in areas with a lower probability of flooding. The Strategic Flood Risk Assessment will provide the basis for applying this test. A sequential approach should be used in areas known to be at risk from any form of flooding.”*
- 2.3 If the Sequential Test does not discount the allocation of a site an Exception Test may be required depending on the Vulnerability Classification of the proposal. Site-specific flood risk assessments are also required for development proposals in flood zones 2 or 3 and for all sites over 1 hectare in flood zone 1. NPPF paragraph 102 states the following:

*“If, following application of the Sequential Test, it is not possible, consistent with wider sustainability objectives, for the development to be located in zones with a lower probability of flooding, the Exception Test can be applied if appropriate. For the Exception Test to be passed:*

- *it must be demonstrated that the development provides wider sustainability benefits to the community that outweigh flood risk, informed by a Strategic Flood Risk Assessment where one has been prepared; and*
- *a site-specific flood risk assessment must demonstrate that the development will be safe for its lifetime taking account of the vulnerability of its users, without increasing flood risk elsewhere, and, where possible, will reduce flood risk overall.*

*Both elements of the test will have to be passed for development to be allocated or permitted.”*

2.4 The need for an Exception Test depends on the Flood Risk Vulnerability Classification of the proposed allocation. These classifications are set out in figure 1.

**Figure 1 – Flood risk vulnerability and flood zone compatibility table (following application of the sequential test)**

Flood Zones	Flood Risk Vulnerability Classification				
	Essential infrastructure	Highly vulnerable	More vulnerable	Less vulnerable	Water compatible
Zone 1	✓	✓	✓	✓	✓
Zone 2	✓	Exception Test required	✓	✓	✓
Zone 3a †	Exception Test required †	✗	Exception Test required	✓	✓
Zone 3b *	Exception Test required *	✗	✗	✗	✓*

Key: ✓ Development is appropriate, ✗ Development should not be permitted.

\* In Flood Zone 3b (functional floodplain) essential infrastructure that has to be there and has passed the Exception Test, and water-compatible uses, should be designed and constructed to:

- remain operational and safe for users in times of flood;
- result in no net loss of floodplain storage;
- not impede water flows and not increase flood risk elsewhere.

*Source: National Planning Practice Guidance*

2.5 The following list provides examples for each Vulnerability Classification although the full list can be found in National Planning Practice Guidance (NPPG):

- Essential infrastructure (e.g. electricity generating power stations, essential transport infrastructure)
- Highly vulnerable (e.g. Basement dwellings, caravans)
- More vulnerable (e.g. Dwellings, hospitals, drinking establishments)
- Less vulnerable (e.g. Shops, restaurants, takeaways, waste treatment, minerals working and processing)
- Water-compatible development (e.g. Flood control infrastructure, sand and gravel workings, amenity open space, outdoor sports and recreation)

### 3. **Local Plan evidence base**

3.1 The local plan has utilised evidence from a variety of information sources directly related to flood risk to inform policy making and land allocations. The most relevant information in relation to flood risk includes:

- Environment Agency Flood Map for Planning – sets out the areas within flood zones 2 and 3.
- Calder Valley Strategic Flood Risk Assessment (SFRA) (Volumes I and II) – explores the flood risk from all sources within Kirklees and the wider Calder Valley including presenting a more detailed breakdown of the flood risk zones shown in the Environment Agency Flood Map for Planning. The SFRA sets out the following zones:
  - **Flood Zone 1** – lowest risk of flooding (less than 1 in 1000 probability per year)
  - **Flood Zone 2** – medium risk of flooding (between 1 in 1000 and 1 in 100 probability per year)
  - **Flood Zone 3a** – high risk areas (usually between 1 in 100 and 1 in 20 probability of flooding in any year)
  - **Flood Zone 3ai** – areas which are already developed but have the same risk as Flood Zone 3b (1 in 20 probability per year)
  - **Flood Zone 3b** – the undeveloped functional floodplain where it is desirable for water to be stored in times of flooding (usually greater than 1 in 20 probability of flooding in any year but also including areas which are designed to flood)
- Kirklees Surface Water Management Plan (SWMP) – an evidence statement on the surface water flood risk in Kirklees and a delivery plan for reduction of risk across the district.
- Kirklees Local Flood Risk Management Strategy – A strategy which defines the Council’s approach to the management of flood risk from local sources with proposals for measures and actions which will help to manage the risk.

3.2 The development of water management policies and the assessment of site allocations have also utilised flood risk and drainage expertise from within the council and have involved working closely with the Environment Agency.

- 3.3 The Local Plan aims to align with the objectives of the Local Flood Risk Management Strategy developed by Kirklees Council as the Lead Local Flood Authority. The Lead Local Flood Authority provided comments in relation to the draft local plan as follows:

*“Kirklees Council as the Lead Local Flood Authority has developed the ‘Local Flood Risk Management Strategy’ for the district. This includes the key objective of ‘knowledge building’ around the increasing flood risk we are experiencing. The use of increasingly sophisticated main river and surface water modelling, Strategic Flood Risk Assessments, the recording of flood incidents and building a more comprehensive map of local drainage systems, provide a more robust consultee input into the allocation of sites for appropriate land use, highlighting relevant constraints, and providing advice on the availability of sustainable drainage approaches.*

*The Local Plan output provides a strengthening of policy in relation to flood risk and drainage principles that will be applied to future planning applications, reflecting changing national guidance and policy coupled with local experiences of risk management. In turn this meets the broad objective of the strategy with regard to ‘Robust Policy Development’. This integrated approach provides the opportunity not only to better manage flood risk to and from New Development, but to reverse impacts created by previous decisions.”*

- 3.4 These comments demonstrate support for the draft Local Plan water management policies and confirm that the policies meet the broad objectives set out in the Local Flood Risk Management Strategy.

#### **4. Local Plan policies and allocations**

##### Strategy and Policies

- 4.1 The Local Plan Strategic Objectives include the desire to *“promote development that helps to reduce and mitigate climate change, and development which is adapted so that the potential impact from climate change is reduced and to help the transition towards a low carbon economy.”* In this context, Flood risk has been considered in the Place Shaping work as well as through specific policies in the Strategy and Policies document.
- 4.2 The Local Plan Strategy and Policies document sets out a number of policies which aim to minimise the risk of flooding and ensure new development proposals fully consider flood risk. The policies specifically relating to flood risk are as follows:
- PLP27 (flood risk) – to ensure the Sequential Test and Exception Test are applied consistently, setting out links to the Strategic Flood Risk Assessment (SFRA) and seeking to control building over culverts.
  - PLP28 (drainage) – seeks to control surface water run-off from proposals including consideration of drainage methods and ensuring flow paths within the site are considered.
  - PLP29 (Management of water bodies) – seeks to ensure management plans are in place for areas of water associated with existing buildings when development proposals are considered.
- 4.3 The wording for these policy areas is set out in the Publication Draft Local Plan Strategy and Policies document. The Local Plan also takes account of flood risk in its masterplanning (policy PLP5), and design (policy PLP24). Details in relation to these policies and others related to water management such as PLP34 (Conserving and enhancing the water environment) and PLP37 (Site restoration and aftercare for minerals sites) are set out in the Publication Draft Local Plan Strategy and Policies document. This technical paper focuses on flood risk, particularly in relation to policies and the application of the Sequential Test and Exception Test through the Local Plan site allocations process.

##### Site allocations

- 4.4 The Kirklees Local Plan must meet the objectively assessed need for housing and ensure sufficient land is provided for employment, waste management, mineral extraction and open space. The local plan site allocation methodology was used to determine whether sites should be allocated for development and this approach included the consideration of flood risk. The Flood Management team within the council were consulted on potential options for site allocations in terms of flood risk and surface water drainage. The council also consulted the Environment Agency on the potential development options.



- 4.5 The Sequential Test and Exception Test are important considerations in the allocation of sites for development. Section 5 considers the application of the Sequential Test and Exception Test including which local plan allocations have been subject to the Sequential Test and whether an Exception Test was required based on the flood zone and vulnerability classification.
- 4.6 The Publication Draft Local Plan Allocations and Designations document sets out details for each accepted development option including site specific constraints such as drainage concerns and relevant reports required. These reports may include the potential need for further consideration of surface water drainage and the need for a site-specific flood risk assessment for sites in flood zones 2 or 3 and for all sites of 1 hectare or greater in flood zone 1 in accordance with NPPF.

## **5. Local Plan Sequential Test and Exception Test**

- 5.1 To ensure inappropriate development is avoided in high flood risk areas and to accord with NPPF paragraphs 100-102, a sequential approach must be applied to the local plan site allocations process.
- 5.2 This Sequential Test of site allocations in the Kirklees Publication Draft Local Plan considers proposed development allocations in Kirklees. This includes options for housing (including sites for Gypsies, Travellers and Travelling Showpeople), employment, mixed use, major developed sites in the green belt, safeguarded land, waste sites, mineral extraction sites, mineral infrastructure sites, minerals areas of search and minerals preferred areas.
- 5.3 Some site allocation types do not require a flood risk Sequential Test as they identify existing land uses or they do not allocate land for development. These include;
- Urban Green Space and Local Green Space - identified as important sites to be protected in the Local Plan. As these are existing open spaces a flood risk Sequential Test is not required.
  - Strategic Green Infrastructure - Existing open spaces including proposed improvements. These are open space uses therefore a flood risk Sequential Test is not required.
  - Priority Employment Areas - These identify existing employment areas of particular importance for retention during the local plan period. As these are existing employment uses a flood risk Sequential Test is not required.
  - Waste safeguarded sites - These are existing waste sites to be used during the local plan period. As these are existing waste sites a flood risk Sequential Test is not required.
  - Mineral Safeguarding areas - These are areas which are likely to contain minerals and the presence of minerals should be considered in any potential development proposals. As these are not development proposals a flood risk Sequential Test is not required
- 5.4 The Sequential Test is set out in the following tables identifying proposed accepted site options (by type of use) within each flood risk zone followed by justification text where applicable. This identifies where high flood risk areas have been removed from the developable area in certain circumstances. The majority of accepted development options in the Publication Draft Local Plan are located outside of high flood risk areas. As the Sequential Test sets out the part of a site within each flood risk zone, sites may appear in more than one table.

- 5.5 Following the application of the Sequential Test, NPPF paragraph 102 requires an Exception Test to be carried out in certain circumstances. This depends on the Vulnerability Classification and the Flood Zone. The Exception Test has also been considered in the following tables for each type of use.
- 5.6 The analysis in the Sequential Test and Exception Test tables below demonstrates that the sites allocated for development in the Kirklees Publication Draft Local Plan have passed the flood risk Sequential Test. The tables also identify that when considering the vulnerability classification of proposed allocations by flood zone, there is no requirement for an Exception Test for any accepted development options in the Publication Draft Local Plan.

<b><u>Sites wholly with flood zone 1</u></b>	
<b>Sequential Test - For proposed allocations in Flood Zone 1 (listed below) there is no requirement for a Sequential Test to determine the appropriateness of the allocation as these sites are located in the lowest area of flood risk.</b>	
<b>Exception Test – Not required (any Vulnerability Classification in Flood Zone 1).</b>	
<b>Proposed employment allocations:</b>	
E1831	Land to the north and west of, The Royds, Whitechapel Road, Cleckheaton
E1836	Land south of , Bradley Business Park, Dyson Wood Way, Bradley
E1873	Land to the north of Crossroad Commercials Ltd, Pheasant Drive, Birstall
E1899	Land to the north and east of, 1-3, Greaves Road, Dewsbury
<b>Proposed housing allocations:</b>	
H101	Land north of, Jackroyd Lane, Newsome
H102	Land to the west of, Netherton Moor Road, Netherton
H11	Land to the north east of, Highfield Drive, Birstall
H116	Land to the south of, Parkwood Road, Golcar, Huddersfield,
H120	Park Farm, Manor Road, Farnley Tyas
H121	Land north of, New Hey Road, Salendine Nook
H124	Land at, Squirrel Hill Reservoir, Staincliffe Road, Dewsbury Moor
H128	Land to the north west of, Urban Terrace, Denby Lane, Grange Moor
H130	Land to the west of, St Mary's Rise and St Mary's Way, Netherthong
H134	Land at Headlands Farm, Headlands Road, Liversedge
H138	Land south of, Mill Street, Birstall
H145	Spenborough Industrial Estate, Parker Street, Liversedge
H162	Former Cleckheaton Bowling Club, Park View, Cleckheaton
H1656	Land south of, St Thomas Gardens, Bradley
H1657	Land north of, Deighton Road, Deighton
H1660	Land east of, Heckmondwike Road, Dewsbury Moor
H1694	Land west of, Lidgett Street, Lindley
H1696	Land Adjacent Mayman Lane, Mount Pleasant
H1702	Land Adjacent Mayman Lane, Mount Pleasant
H1704	Land Adjacent, Highmoor Lane, Hartshead

H1709	Land to the east of, Upper Clough, Linthwaite
H172	Land at, West Yorkshire Fire and Rescue Service Headquarters, Bradford Road, Birkenshaw
H1728a	Land Adjacent, Plantation Drive, Newsome
H173	Land adjacent to, 17, Whitehall Road West, Birkenshaw, Bradford
H1731a	Land Adjacent, Orchard Terrace, Newsome
H174	Land north of, Manchester Road, Linthwaite
H1747	Land north of, Bradley Road, Bradley
H1754	Land off, Smithy Parade, Dewsbury
H1763	Fire and Rescue Station, Carllinghow Lane, Batley
H1774	Land to the East of, Manor House Farm, The Village, Thurstonland
H1776	Land to the South of, The Lodge, Linthwaite
H178	Land to the south of, Southwood Avenue, Honley
H1783	Land east of, Thewlis Lane, Crosland Hill
H1784	Land to the East of, Denby Dale Railway Station, Station Road, Denby Dale
H1811	Land south east of, Blue Bell Hill, Newsome
H193	Land north of, Holme House, Oxford Road, Gomersal
H1935	Land south of, Cambridge Road, Huddersfield
H1937	Cliff Street, Dewsbury
H1938	Land off, Wards Hill, Batley
H197	Former Allotments, Leeds Road, Mirfield
H198	Land to the south of, Second Avenue, Hightown
H1983	Land north of, Tesco Superstore, Northgate, Cleckheaton
H199	Land at Queens Road West, Milnsbridge
H200	Land to the South of, Mill Moor Road, Meltham
H201	Land east of, Land Road, Lindley
H202	Land north of, New Hey Road, Salendine Nook
H203	Thornfield, Prospect Lane, Birkenshaw
H205	Land to the east of, Slipper Lane, Mirfield
H2066	Warren Cottage, 916, Halifax Road, Scholes
H2089	Land to the south of, Ravensthorpe/Lees Road, Dewsbury
H214	Land north-west of, New Mill Road, Thongsbridge
H2148	Land to the South of Providence Street, Earlsheaton, Dewsbury
H2159	Land off, Primrose Lane, Liversedge
H216	Land west of, Shop Lane, Kirkheaton
H218	Bluehills Farm, Whitehall Road West, Birkenshaw
H221	Land east of, Howgate Road, Slaithwaite
H233	Land north of, Barnsley Road, Denby Dale
H242	Land north of, 72, Peep Green Road, Hartshead
H2537	Land Adjacent, Halifax Road, Hightown, Liversedge
H2576	Land south of Red Deer Park Lane, Bristfield, Dewsbury
H2584	Land to the South of Halifax Road, Hightown
H2587	Former Midlothian Garage, New Mill Road, Holmfirth
H2627	Highgrove Beds, Spen Lane, Gomersal
H2646	Land to the south of Lock Street, Thornhill, Dewsbury

H2647	Spafield Mill, Upper Road, Batley
H2652	Former Gees Garage, New Hey Road, Outlane, Huddersfield
H2667	Land at, Gomersal Primary School, Oxford Road, Gomersal
H2685	Land at Stile Common School, Plane Street, Newsome
H269	Land north west of, Forge Lane, Thornhill Lees
H276	Land west of, Moorside Road, Kirkheaton
H278	Land off, Lands Beck Way, Liversedge
H284	Land to the east of, Holme View Avenue and Pennine Close, Uppertong
H288a	Land at, Dunford Road, Hade Edge
H292	Haughs Road, Quarmby
H294	Land to the east of, St Mary's Avenue, Netherthong
H297	Land to the east of Ryecroft Lane, Scholes
H303	Land west of, Ashford Park, Golcar
H31	Land to the north west of, Woodsome Drive, Fenay Bridge
H313	Land to the south of, Burton Acres Lane, Kirkburton
H333	Land to the east of, Northorpe Lane, Mirfield
H3350	Land to the south east of Knowle Road, Kirkheaton
H3379	Land to the North of Hall Lane, Thornhill, Dewsbury
H339	Land to the east of, Abbey Road North, Shepley
H3395	Land between Carr Top Lane and Brook Lane, Golcar
H3405	Land north west of, Ruth Street, Newsome
H343	Land to the North of, Helme Lane, Meltham
H351	Land north of, Bradley Road, Bradley
H356	Land to the north of, Lingards Road, Slaithwaite, Huddersfield,
H358	Land to the east of, Wentworth Drive, Emley, Huddersfield
H367	Magma Ceramics, Preston Street, Earlsheaton
H39a	Land to the north of, Strike Lane, Skelmanthorpe
H439	Land south west of, Cockley Hill Lane, Kirkheaton
H44	Land to the south of, Cross Lane (east), Stocksmoor
H442	Land between, Richmond Park Avenue and Sunnyside Avenue, Roberttown
H454a	Land to the west of, Manor House Farm, Wakefield Road, Clayton West
H46	Land to the south west of, Dewsbury Rams RLFC, Owl Lane, Shaw Cross
H47	Land to the south of, Vicarage Meadows, Cinderhills
H48	Travel Station Yard, Station Road, Honley
H481	Land north of, Blackmoorfoot Road, Crosland Hill
H489	Land at, 7, Church Lane, Gomersal
H498	Manor House Farm, Manor Road, Clayton West
H49a	Land adjacent Brick Hill Farm, Oddfellows Street, Scholes, Cleckheaton
H50	Bridge Mills, New Road, Holmfirth
H502	Land south of, Huddersfield Road, Skelmanthorpe, Huddersfield,
H508	Land to the west of, Whitechapel Middle School, Whitechapel Road, Cleckheaton
H518	Land at, Yew Tree Farm, The Village, Farnley Tyas
H519	Land north and west of, Gernhill Avenue, Fixby
H527	Land west of, 19, Staincliffe Hall Road, Staincliffe
H531	Land south west of, Soureby Cross Way, East Bierley

H538	Land to the south of, Cross Lane (west), Stocksmoor
H549	Land to the south of, Swallow Lane, Golcar, Huddersfield,
H550	Land to the east of, Fullwood Drive, Golcar
H551	Land south of, Holme Avenue, Dalton
H559	Land to the east of, Leeds Road, Chidswell
H567	Stubley Farm, Leeds Road, Heckmondwike
H583	Land to the north of, Barnsley Road, Flockton
H584	Land south of, Gynn Lane, Honley
H591	Land to the west of, Cliffe Mount, Ferrand Lane, Gomersal
H597	Land to the south of, Sandy Gate, Scholes
H601	Land to south east of, Park House Healthcare, Whitehall Road West, Birkenshaw
H609	Land to the north of, Barnsley Road, Flockton
H612	Land north of, 2 - 4, Traith Court, White Lee
H616	Land west of, Fenay Bridge Road, Lepton
H623	Land east of, Weatherhill Road, Birchencliffe
H626	Land to the west of, Bankfield Drive, Holmbridge
H633	Land South West of, Vicarage Road, Longwood
H634	Land to the West of, Inkerman Court, Barnsley Road, Denby Dale
H638	Land to the north of, Tinker Lane, Lepton
H640	Land Adjacent, South Parade, Cleckheaton
H652	Land to the North West of, Eastfield Mills, Abbey Road North, Shepley
H660	Land east of, Netherton Moor Road, Netherton
H661a	Land to the east of High Street, Batley
H662	Land at rear of, 52, Upper Batley Low Lane, Batley
H664	Land to the north of, Scotgate Road, Honley
H67	Land to the south of, Helme Lane, Meltham
H684	Land west of, Oak Tree Road, Fenay Bridge
H688	Land to the north of, Commercial Road, Skelmanthorpe
H689	Land to the north of, Wood Nook, Denby Dale
H69	Merchant Fields, Hunsworth Lane, Cleckheaton
H690	Land at Cliff Hill, Leak Hall Crescent, Denby Dale
H70	Land to the north of, Long Lane, Shepley
H706	Land east of, Halifax Road, Birchencliffe
H712	Land south of, Hillside View, Linthwaite
H715	Land to the West of, Wesley Avenue, Netherthong
H72	Land off, Station Road, Skelmanthorpe
H727a	Land to the west of, Miry Lane, Thongsbridge, Holmfirth
H729	Land at, Tenter Hill Road, New Mill
H730	Land to the West of, Royds Avenue, New Mill
H734	Land to the east of, Netheroyd Hill Road, Cowcliffe
H737	Land west of, Stead Lane, Kirkheaton
H738	Land to the west of, Heathwood Drive, Golcar
H754	Land north west of, Forest Road, Almondbury
H755	Land north west of, Bank End Lane, Dalton
H758	Land off, Soothill Lane, Lower Soothill, Batley

H760	Land Adjacent, Halifax Road, Staincliffe
H761	Land Adjacent, Raikes Lane, Birstall
H762	Land Adjacent, Rooks Avenue, Cleckheaton
H763	Land North West of, Gordon Street, Slaithwaite
H764	Land west of, Sunningdale Road, Crosland Moor
H768	Land to the West of, Willow Close, Skelmanthorpe
H776	Land between Oxford Road and Reservoir Street, Dewsbury
H779	Land to the north of, Leymoor Road, Golcar
H780	Land to the East of, Main Avenue, Cowlersley
H783	Land Adjacent, Dale Lane, Heckmondwike
H784	Land north of, 105 - 135, Mill Moor Road, Meltham
H785	Land to the east of, Colders Lane, Meltham
H786	Land to the north east of, Westcroft, Honley
H787	Land to the South of, Former Midlothian Garage, New Mill Road, Holmfirth
H789	Land west of, Tanyard Road, Salendine Nook
H790	Land east of, Fern Lea Road, Lindley
H794	Land at, Flash Lane and Dunbottle Lane, Mirfield
H796	Land Adjacent, Old Lane, Birkenshaw
H809	Land north of, Ashbrow Road, Brackenhall
H810	Land Adjacent, Moorfield Avenue, Scholes
H813	Land to the west of School Street, Chickenley, Dewsbury
H814	Land to the North of, Grove Street, Longwood
H817	Land at, Manor House, Flockton
H87	Land west of, Lower Quarry Road, Bradley
H94	Land to the west of, Henry Frederick Avenue, Netherton
H95	Land East of, The Combs, Hall Lane, Thornhill
<b>Proposed Gypsies, Travellers and Travelling Showpeople allocations:</b>	
GTTS1957	Land to the south of Ridings Road, Dewsbury
GTTS2487	Land south of Bankwood Way, Birstall
<b>Proposed mixed use allocations:</b>	
MX1903	Land south of, Blackmoorfoot Road, Crosland Moor
MX1905	Land east of, Leeds Road, Chidswell
MX1906	Land north of, Trinity Street, Huddersfield
MX1911	Land south of, Lindley Moor Road, Lindley
MX1929	Land at, Slipper Lane, Leeds Road
MX1930	Land north of, Blackmoorfoot Road, Crosland Moor
MX2101	Land east of, Southgate, Huddersfield
MX3394	Lees House Farm, Leeds Road, Dewsbury
<b>Proposed major developed site in the green belt:</b>	
MDGB2134	Land at Storthes Hall, Kirkburton, Huddersfield
<b>Proposed safeguarded land:</b>	
SL2161	Land east of, Upper Quarry Road, Bradley, Huddersfield
SL2163	Balderstone Hall Lane, Mirfield
SL2164	Land to the north west of, Netherfield Close, Kirkburton, Huddersfield
SL2166	Land south east of, Dobb Lane, Hinchcliffe Mill, Holmfirth

SL2167	land to the west of, 82-138, Mount Road, Marsden, Huddersfield
SL2168	Land to the South of, Tolson Street, Chickenley, Dewsbury
SL2169	Land to the south west of, Ballroyd Lane, Longwood, Huddersfield
SL2170a	Dunford Road, Hade Edge, Holmfirth
SL2170b	Dunford Road, Hade Edge, Holmfirth
SL2171	Land to the west of, 27-75, Greenside Road, Mirfield
SL2173	Land to the east of, Far Bank, Shelley, Huddersfield
SL2175	Land to the north of, Elm tree Close, Norristhorpe Lane, Norristhorpe, Liversedge
SL2176	Land north of, Kaye Lane, Almondbury
SL2177	Gosling Hall Farm, Greenhead Lane, Almondbury
SL2181	Land to the south of, Fairfield Court, Halifax Road, Hightown, Liversedge
SL2182	Land to the west of, Back Lane, Grange Moor, Huddersfield
SL2183	Land to the South of, Tudor Street, Slaithwaite, Huddersfield
SL2184	Land to the north of, Dirker Drive, Marsden, Huddersfield
SL2187	Land at, Robert Lane and Bill Lane, Wooldale, Holmfirth
SL2188	Land north east of, Laithe Avenue, Holmbridge, Holmfirth
SL2189	Land to the north of, Holme Valley Memorial Hospital, Huddersfield Road, Thongsbridge, Holmfirth
SL2191	Land at, Cliff Lane, Holmfirth
SL2193	Land south of, Netheroyd Hill Road, Cowcliffe, Huddersfield
SL2194	Land east of, Bradley Mills Road, Rawthorpe, Huddersfield
SL2195	Land to the north west of, Turnshaw Road, Kirkburton, Huddersfield
SL2196	Land to the east of, Town Moor, Thurstonland, Huddersfield
SL2197	Land to the south west of, Upper Batley Lane, Upper Batley, Batley
SL2198	Land west of, 241 - 299, Heckmondwike Road, Dewsbury Moor, Dewsbury
SL2201	Land between Lees Hall Road and Ravensthorpe Road, Thornhill Lees, Dewsbury
SL2202	Moorlands Cutting, Tong Moorside
SL2204	Thornccliffe Lane, Emley, Huddersfield
SL2205	Rodley Lane, Emley, Huddersfield
SL2268	Land at, Haughs Road, Quarmby, Huddersfield
SL2271	Land north of, New Hey Road, Salendine Nook
SL2273	Land at Sugar Lane and Leeds Road, Dewsbury
SL2277	Land to south west of, Snelsins Lane, Chain Bar
SL2284	Lower Busker Farm, Busker Lane, Scissett
SL2290	Land to the east of, Cambridge Chase, Gomersal
SL2292	Land north of, Bourn View Road, Netherton
SL2297	Land to the west of, Mill Lane, Flockton
SL2302	Land South of, Hopton Drive, Upper Hopton, Mirfield
SL2331	Land to the south of, Dobb Top Road, Holmbridge
SL3356	Land to the east of Far Bank, Shelley
SL3357	Land to the west of, Fulstone Road, Stocksmoor
SL3358	Land to the north-east of, Shepley Road, Stocksmoor
SL3359	Land to the east of, Ryecroft Lane, Scholes, Holmfirth
SL3363	Land east of, Cherry Nook Road, Deighton
SL3365	Land to the West of, Hebble Mount, Meltham



SL3396	Land to the South of 5 - 25 Clay Well, Golcar
<b>Proposed mineral extraction sites:</b>	
ME1965a	Appleton Quarry, Park Head Lane, Huddingley
ME2240	Wellfield Quarry, Crosland Moor
ME2241	Waterholes Quarry, Crosland Moor, Huddersfield,
ME2242	Moorfield Quarry, Crosland Moor, Huddersfield,
ME2243	Appleton Quarry, Shepley,
ME2244	Sovereign Quarry, Shepley,
ME2245	Whitegate Quarry, Cartworth Moor,
ME2246	Hill House Edge Quarry, Cartworth Moor,
ME2247	Peace Wood Quarry, Shelley,
ME2248b	Bromley Farm Quarry, Upper Cumberworth
ME2248c	Bromley Farm Quarry, Upper Cumberworth
ME2249	Hen Perch Quarry, Scissett,
ME2251	Land at Crosland Moor, Huddersfield (17.5ha),
ME2252	Ox Lee, Hepworth (28ha),
ME2253	Carr Hill Quarry, Shepley (1.3ha),
ME2254	Moselden Heights Quarry and extension area off Saddleworth Road Scammonden,
ME2255	Woodhouse Quarry - Off Woodhouse Holmfirth,
ME2256	Rockingstones Quarry – off Quebec Road Wholstone Moor,
ME2257	Temple Quarry – off Liley Lane, Grange Moor,
ME2258	Land off Thewlis Lane Crosland Moor,
ME2263	Land adjacent to Appleton Quarry Holmfirth Road Shepley,
ME2265	Hen Perch Quarry, Thorpe Lane, Denby Dale
ME2568	Land to the south of, Intake Road, Crosland Moor
ME1965b	Appleton Quarry, Park Head Lane, Huddingley
ME2248a	Bromley Farm Quarry, Upper Cumberworth
ME2267a	Land north of, Peace Wood Quarry, Green House Hill, Shelley
ME2312a	Land to the north of Huddersfield Road, Shelley Woodhouse
ME2312b	Land west of, Peace Wood Quarry, Green House Hill, Shelley
ME2314	Land north of, Cumberworth Lane, Lower Cumberworth
<b>Minerals preferred areas:</b>	
ME1966	Hillhouse Edge Quarry, Cartworth Moor Road, Cartworth Moor
ME1975	Land at Moor End Farm, Nopper Lane, Crosland Moor
ME3324	Land south of Intake Road, Crosland Moor
<b>Mineral infrastructure sites:</b>	
MI3397	Former coal/aggregates depot and associated rail spur off Bretton St, Dewsbury
MI3398	Concrete batching plant off Lees Hall Road, Thornhill Lees
MI3399	Rolled products plant at Newlay Concrete, Calder Road, Ravensthorpe
MI3404	Concrete products and plant at Longley C.R. & Co Ltd, Ravensthorpe Road, R'thorpe

<b>Sites partly in flood zone 2</b>		
<b>Could the required use be accommodated by allocating land in a lower flood risk zone? If not, is the Exception Test required?</b>		
<b>Proposed employment allocations:</b>		<b>Hectares in FZ2</b>
<b>Sequential Test:</b>	<b>For the proposed employment allocations listed below there are considered to be no reasonably available alternatives in lower flood risk areas (Flood Zone 1). This is because land in the urban area is either proposed to be allocated, already has planning permission, supports established and stable uses or has been assessed as part of this plan making process and rejected for employment use (see the local plan site allocations methodology).</b>	
<b>Exception Test:</b>	<b>Not required (Less Vulnerable Use in Flood Zone 2)</b>	
E1832c	Land north and west of the Three Nuns Pub and Former Cooper Bridge Waste Water Treatment Works, Leeds Road	5.39
E1837	Land north of H and E Fabrications Ltd, St Andrew's Road, Huddersfield	0.66
E1866	Land at, Spinksmire Mill, Huddersfield Road , Meltham	0.07
E1871	Land north-east of, Bottoms Mill, Woodhead Road, Holmfirth	0.09
E1876	Land south east of , Spen Valley Industrial Park , Rawfolds way , Cleckheaton	0.88
E1879	Land south of, Tilcon Coal Yard, Bretton Street, Dewsbury	0.62
E1985a	Former North Bierley Waste Water, Cliffe Hollins Lane, Cleckheaton	1.48
E2333a	Land to the east of, 4 Park Mill, Wakefield Road, Clayton West	0.58
<b>Proposed housing allocations:</b>		<b>Hectares in FZ2</b>
<b>Sequential Test:</b>	<b>For the proposed housing allocations listed below there are considered to be no reasonably available alternatives in lower flood risk areas (Flood Zone 1). This is because land in the urban area is either proposed to be allocated, already has planning permission, supports established and stable uses or has been assessed as part of this plan making process and rejected for housing (see the local plan site allocations methodology).</b>	
<b>Exception Test:</b>	<b>Not required (More Vulnerable Use in Flood Zone 2)</b>	
H129	Land to the East of, Woodhouse Road, Brockholes	0.01
H1647	Land north of, Flint Street, Fartown	0.14
H1664	Red Laithes Court, Red Laithes Lane, Ravensthorpe	<0.01
H1679	Land north of, Fenay Lane, Almondbury	0.23
H17	Park Mill Houses 2 and 4, Wakefield Road, Clayton West	0.01
H1772	Land east of, Boundary Street, Heckmondwike	0.60
H192	Headfield Mills, Savile Road, Savile Town	<0.01
H213	Black Rock Mills, Waingate, Linthwaite	<0.01
H215	Land north of, Edgerton Road, Edgerton	0.01
H222	Land to the north east of, Pilling Lane, Scissett, Huddersfield,	0.12
H224	Former Cemex Site, Smithies Moor Lane, Birstall	0.01
H2585	Land to the south of, Water Street, Holmbridge	0.47
H2586	Site of former Thirstin Mills, Thirstin Road, Honley	0.04

H2594a	Minerva Works, Crossley Lane, Kirkheaton	0.84
H2645	Land to the East of Hightown Road, Cleckheaton	0.15
H2649	Land to the South west of, Victoria Terrace, Marsden	<0.01
H2684a	Land Adjacent, Penistone Road/Woodsome Park, Lepton	0.01
H2730a	Land south east of, Hermitage Park, Lepton	<0.01
H307	Land to the east of, Long Lane, Earlsheaton	0.03
H323	Land west and south of, Lady Anne Business Park, Lady Ann Road, Soothill	0.13
H3325a	Adare Ltd, Park Mill, Manor Road, Clayton West	0.51
H342	Land to the North of, Mill Moor Road, Meltham	0.02
H40	Land to the south west of, Sheep Ings Farm, Granny Lane, Mirfield	0.54
H509	Brook House Mill, Balme Road, Cleckheaton	0.04
H708	Land Adjacent, Ashbourne Drive, Liversedge	0.06
H728	Land to the West of, Stoney Bank Lane, Thongsbridge	0.06
H778	Land off, Huddersfield Road, Dewsbury	0.03
H85	Land to the north of, 10, Kimberley Street, Thornhill Lees	0.47
<b>Proposed mixed use allocations:</b>		Hectares in FZ2
<b>Sequential Test:</b>	<b>For the proposed mixed use allocations listed below there are considered to be no reasonably available alternatives in lower flood risk areas (Flood Zone 1). This is because land in the urban area is either proposed to be allocated, already has planning permission, supports established and stable uses or has been assessed as part of this plan making process and rejected for housing and employment use (see the local plan site allocations methodology).</b>	
<b>Exception Test:</b>	<b>Not required (Housing element: More Vulnerable Use in Flood Zone 2; Employment element: Less Vulnerable Use in Flood Zone 2)</b>	
MX1907	Moorlands Business Centre, Balme Road, Cleckheaton	0.01
MX1912a	Dobroyd Mills, Hepworth Road, Hepworth	0.06
MX1919	Bank Bottom Mills, Mount Road, Marsden	0.15
MX1920	New Mills, Brougham Road, Marsden	0.24
MX3349	Land Adjacent, Westgate, Cleckheaton	0.61
<b>Proposed safeguarded land sites:</b>		Hectares in FZ2
<b>Sequential Test:</b>	<b>Safeguarded Land sites are designated to potentially accommodate development beyond the end of the plan period. As such, it would be for a future review of the Local Plan to consider flood risk and to determine whether the site should be allocated for development. The proposed safeguarded land sites listed contain a negligible area within flood zone 2. This ensures that any future assessment of developable capacity will be able to avoid high flood risk areas.</b>	
<b>Exception test:</b>	<b>Not required (More Vulnerable and Less Vulnerable Uses in Flood Zone 2)</b>	
SL2186	Land adjacent to Spinksmire Mill, Huddersfield Road, Meltham, Holmfirth	0.01
SL2203	Land to the north of, Wyke Lane, Oakenshaw, Bradford	0.01
<b>Proposed mineral extraction sites:</b>		Hectares in FZ2
<b>Sequential Test:</b>	<b>The site listed below is a proposed sand and gravel mineral extraction site and the presence of the mineral dictates the location of the site. This site</b>	

	passes the sequential test as there are no reasonably available sites in lower flood risk areas.	
<b>Exception Test:</b>	<b>Not required (Water-Compatible Development in Flood Zone 3a)</b>	
ME2250	Forge Lane, Ravensthorpe	0.18
<b>Proposed mineral areas of search:</b>		Hectares in FZ2
<b>Sequential Test:</b>	<b>This is a proposed minerals area of search for the working of sand and gravel and the presence of the mineral therefore dictates the location of this minerals area of search. This minerals search area passes the sequential test as there are no reasonably available sites in lower flood risk areas.</b>	
<b>Exception Test:</b>	<b>Not required (Water-Compatible Development in Flood Zone 2)</b>	
ME2259	Kirklees Lock, Clifton	0.38
<b>Mineral infrastructure sites:</b>		Hectares in FZ2
<b>Sequential Test:</b>	<b>Mineral infrastructure sites MI3400 and MI3402 identify existing uses therefore the sequential test could not be applied. MI3401 is also existing infrastructure but is not currently in use although NPPG requires safeguarding existing, planned and potential storage. Site MI3403 consists of former railway sidings including various commercial uses and the proposed use would allow for transport of materials by train. Other alternative land in the urban area is either proposed to be allocated for development, already has planning permission or supports established and stable uses (see the local plan site allocations methodology).</b>	
<b>Exception Test:</b>	<b>Not required (Less vulnerable Use in Flood Zone 2)</b>	
MI3400	Cement depot and associated rail spur off Bretton Street, Savile Town	<0.01
MI3401	Coal wharf for former Thornhill Power Station adjacent Calder & Hebble Navigation	0.02
MI3402	Concrete batching plant off Barr Street, Huddersfield	1.78
MI3403	Former railway sidings off Alder Street, Hillhouse	0.09
<b>Waste sites:</b>		Hectares in FZ2
<b>Sequential Test:</b>	<b>The waste site listed below is an existing use which includes proposals for expansion. As the expansion is operationally linked and provides an expansion to the existing waste operation, W1 is the only acceptable site in sequential terms. The area of the waste site within Flood Zone 2 is already developed.</b>	
<b>Exception Test:</b>	<b>Not required (More Vulnerable Use in Flood Zone 2).</b>	
W1	Land north of Emerald Street, Huddersfield	<0.01

<b>Sites partly in flood zone 3a</b>		
<b>Could the required use be accommodated by allocating land in a lower flood risk zone? If not, is the Exception Test required?</b>		
<b>Proposed employment allocations:</b>		<b>Hectares in FZ3a</b>
<b>Sequential Test:</b>	<b>For the proposed employment allocations listed below there are considered to be no reasonably available alternatives in lower flood risk areas (Flood Zones 1 or 2). This is because land in the urban area is either proposed to be allocated, already has planning permission, supports established and stable uses or has been assessed as part of this plan making process and rejected for employment use (see the local plan site allocations methodology).</b>	
<b>Exception Test:</b>	<b>Not required (Less Vulnerable Uses in Flood Zone 3a)</b>	
E1829	Former Brook Motors Playing Fields, New Mill Road, Brockholes	1.49
E1832c	Land north and west of the Three Nuns Pub and Former Cooper Bridge Waste Water Treatment Works, Leeds Road	1.44
E1837	Land north of H and E Fabrications Ltd, St Andrew's Road, Huddersfield	0.18
E1866	Land at, Spinksmire Mill, Huddersfield Road , Meltham	0.78
E1871	Land north-east of, Bottoms Mill, Woodhead Road, Holmfirth	0.01
E1876	Land south east of, Spen Valley Industrial Park, Rawfolds way, Cleckheaton	0.25
E1879	Land south of, Tilcon Coal Yard, Bretton Street, Dewsbury	0.01
E1900	Land west of, Honley Business Centre, New Mill Road, Honley	2.93
E1985a	Former North Bierley Waste Water, Cliffe Hollins Lane, Cleckheaton	1.36
E2333a	Land to the east of, 4 Park Mill, Wakefield Road, Clayton West	0.01
<b>Proposed housing allocations:</b>		<b>Hectares in FZ3a</b>
<b>Sequential Test:</b>	<b>The developable area of housing allocations which overlap with Flood Zone 3a (listed below) has been reduced to remove the area at high risk of flooding or where a site has planning permission the planning permission capacity has been shown. As no housing development will take place in Flood Zone 3a, there is no requirement for a Sequential Test for these sites in relation to Flood Zone 3a.</b>	
<b>Exception Test:</b>	<b>Not required (no new housing is proposed in Flood Zone 3a)</b>	
H129	Land to the East of, Woodhouse Road, Brockholes	0.01
H1679	Land north of, Fenay Lane, Almondbury	1.13
H17	Park Mill Houses 2 and 4, Wakefield Road, Clayton West	<0.01
H1772	Land east of, Boundary Street, Heckmondwike	0.02
H192	Headfield Mills, Savile Road, Savile Town	0.01
H213	Black Rock Mills, Waingate, Linthwaite	0.02
H215	Land north of, Edgerton Road, Edgerton	<0.01
H222	Land to the north east of, Pilling Lane, Scissett, Huddersfield,	0.01
H224	Former Cemex Site, Smithies Moor Lane, Birstall	0.01
H2585	Land to the south of, Water Street, Holmbridge	0.03
H2586	Site of former Thirstin Mills, Thirstin Road, Honley	0.22

H2594a	Minerva Works, Crossley Lane, Kirkheaton	0.19
H2645	Land to the East of Hightown Road, Cleckheaton	<0.01
H2649	Land to the South west of, Victoria Terrace, Marsden	0.01
H2684a	Land Adjacent, Penistone Road/Woodsome Park, Lepton	0.27
H2730a	Land south east of, Hermitage Park, Lepton	0.04
H307	Land to the east of, Long Lane, Earlsheaton	0.06
H323	Land west and south of, Lady Anne Business Park, Lady Ann Road, Soothill	0.93
H3325a	Adare Ltd, Park Mill, Manor Road, Clayton West	0.14
H342	Land to the North of, Mill Moor Road, Meltham	0.01
H40	Land to the south west of, Sheep Ings Farm, Granny Lane, Mirfield	0.10
H509	Brook House Mill, Balme Road, Cleckheaton	0.28
H708	Land Adjacent, Ashbourne Drive, Liversedge	<0.01
H728	Land to the West of, Stoney Bank Lane, Thongsbridge	0.01
<b>Mixed use sites:</b>		Hectares in FZ3a
<b>Sequential Test:</b>	<p><b>For proposed mixed use allocations which overlap with parts of Flood Zone 3a (listed below), the developable area has been reduced to remove the Flood Zone 3a from the housing element of the site or where there is planning permission on the site, the planning permission housing capacity has been used.</b></p> <p><b>As no housing uses will occur in Flood Zone 3ai, there is no requirement for a sequential test for the housing element of these sites in relation to Flood Zone 3a.</b></p> <p><b>For the employment element of the mixed use sites there are considered to be no reasonably available alternatives in lower flood risk areas (Flood Zones 1 or 2). This is because land in the urban area is either proposed to be allocated, already has planning permission, supports established and stable uses or has been assessed as part of this plan making process and rejected for employment use (see the local plan site allocations methodology).</b></p>	
<b>Exception Test:</b>	<b>Not required (Housing: No new housing is proposed in Flood Zone 3a; Employment: Less Vulnerable Use in Flood Zone 3a)</b>	
MX1907	Moorlands Business Centre, Balme Road, Cleckheaton	0.24
MX1912a	Dobroyd Mills, Hepworth Road, Hepworth	0.43
MX1919	Bank Bottom Mills, Mount Road, Marsden	1.01
MX1920	New Mills, Brougham Road, Marsden	0.06
MX3349	Land Adjacent, Westgate, Cleckheaton	0.01
<b>Proposed safeguarded land sites:</b>		Hectares in FZ3a
<b>Sequential Test:</b>	<b>Safeguarded Land sites are designated to potentially accommodate development beyond the end of the plan period. As such, it would be for a future review of the Local Plan to consider flood risk and to determine whether the site should be allocated for development. The proposed safeguarded land sites listed contain a negligible area within flood zone 3a. This ensures that any future assessment of developable capacity will be able to avoid high flood risk areas.</b>	

<b>Exception Test:</b>	<b>Not required as no new housing is proposed in Flood Zone 3a.</b>	
SL2186	Land adjacent to Spinksmire Mill, Huddersfield Road, Meltham, Holmfirth	0.03
SL2203	Land to the north of, Wyke Lane, Oakenshaw, Bradford	0.07
<b>Proposed mineral extraction sites:</b>		Hectares in FZ3a
<b>Sequential Test:</b>	<b>The proposed mineral extraction site listed below is a sand and gravel mineral site therefore the presence of this mineral dictates the location of the site. As such, this site passes the sequential test as there are no reasonably available sites in lower flood risk areas.</b>	
<b>Exception Test:</b>	<b>Not required (Water-Compatible Development in Flood Zone 3a)</b>	
ME2250	Forge Lane, Ravensthorpe	0.41
<b>Proposed mineral area of search:</b>		Hectares in FZ3a
<b>Sequential Test:</b>	<b>This is a proposed minerals area of search for the working of sand and gravel and the presence of the mineral therefore dictates the location of this minerals area of search. This minerals search area passes the sequential test as there are no reasonably available sites in lower flood risk areas.</b>	
<b>Exception Test:</b>	<b>Not required (Water-Compatible Development in Flood Zone 3a)</b>	
ME2259	Kirklees Lock, Clifton	0.76
<b>Mineral Infrastructure Sites:</b>		Hectares in FZ3a
<b>Sequential Test:</b>	<b>Mineral infrastructure site MI3402 identifies existing uses therefore the sequential test could not be applied. MI3401 is also existing infrastructure but is not currently in use although NPPG requires safeguarding existing, planned and potential storage. Site MI3403 consists of former railway sidings including various commercial uses and the proposed use would allow for transport of materials by train. Other land in the urban area is either proposed to be allocated for development, already has planning permission or supports established and stable uses (see the local plan site allocations methodology).</b>	
<b>Exception Test:</b>	<b>Not required (Less vulnerable Use in Flood Zone 2)</b>	
MI3401	Coal wharf for former Thornhill Power Station adjacent Calder & Hebble Navigation	0.26
MI3402	Concrete batching plant off Barr Street, Huddersfield	<0.01
MI3403	Former railway sidings off Alder Street, Hillhouse	<0.01
<b>Waste sites:</b>		Hectares in FZ3a
<b>Sequential Test:</b>	<b>The waste site listed below is an existing use which includes proposals for expansion. As the expansion is operationally linked and provides an expansion to the existing waste operation, W1 is the only acceptable site in sequential terms. The area of the waste site within Flood Zone 3a is already developed.</b>	
<b>Exception Test:</b>	<b>Not required (Less Vulnerable Use in Flood Zone 3a)</b>	
W1	Land north of Emerald Street, Huddersfield	0.05

<b>Sites partly in FZ3ai</b>		
<b>Could the required use be accommodated by allocating land in a lower flood risk zone? If not, is the Exception Test required?</b>		
<b>Employment sites:</b>		Hectares in FZ3ai
<b>Sequential Test:</b>	For the proposed employment allocations which overlap with parts of Flood Zone 3ai (listed below), the developable area has been reduced to remove Flood Zone 3ai. As no employment development will take place in Flood Zone 3b, there is no requirement for a sequential test for these sites in relation to Flood Zone 3ai.	
<b>Exception Test:</b>	Not required (no new employment uses are proposed in Flood Zone 3ai).	
E1832c	Land north and west of the Three Nuns Pub and Former Cooper Bridge Waste Water Treatment Works, Leeds Road	3.63
E1876	Land south east of, Spen Valley Industrial Park , Rawfolds way , Cleckheaton	0.33
<b>Housing sites:</b>		Hectares in FZ3ai
<b>Sequential Test:</b>	The developable area of housing allocations which overlap with Flood Zone 3ai (listed below) has been reduced to remove the area at high risk of flooding or where a site has planning permission the planning permission capacity has been shown. As no housing development will take place in Flood Zone 3ai, there is no requirement for a Sequential Test for these sites in relation to Flood Zone 3ai.	
<b>Exception Test:</b>	Not required (no new housing is proposed Flood Zone 3ai).	
H1772	Land east of, Boundary Street, Heckmondwike	0.01
H192	Headfield Mills, Savile Road, Savile Town	0.04
H2594a	Minerva Works, Crossley Lane, Kirkheaton	0.01
H3325a	Adare Ltd, Park Mill, Manor Road, Clayton West	0.42
H40	Land to the south west of, Sheep Ings Farm, Granny Lane, Mirfield	<0.01
<b>Proposed mixed use allocations:</b>		Hectares in FZ3ai
<b>Sequential Test:</b>	For proposed mixed use allocations which overlap with parts of Flood Zone 3ai (listed below), the developable area has been reduced to remove the Flood Zone 3ai area or where there is planning permission on the site, the planning permission capacity has been used. As no housing or employment uses will occur in Flood Zone 3ai, there is no requirement for a sequential test for these sites in relation to Flood Zone 3ai.	
<b>Exception Test:</b>	Not required (no new housing or employment uses are proposed in Flood Zone 3ai).	
MX1907	Moorlands Business Centre, Balme Road, Cleckheaton	0.01
MX3349	Land Adjacent, Westgate, Cleckheaton	0.29
<b>Mineral area of search:</b>		Hectares in FZ3ai
<b>Sequential Test:</b>	The proposed minerals area of search listed below is for the working of sand and gravel and the presence of the mineral therefore dictates the location of this minerals area of search. This minerals search area passes	



	the sequential test as there are no reasonably available sites in lower flood risk areas.	
<b>Exception Test:</b>	<p><b>Not required (Water-Compatible Development in Flood Zone 3ai) although as Flood Zone 3ai has the same level of flood risk as Flood Zone 3b, in accordance with NPPG these uses should be designed and constructed to:</b></p> <ul style="list-style-type: none"> <li>• remain operational and safe for users in times of flood;</li> <li>• result in no net loss of floodplain storage;</li> <li>• not impede water flows and not increase flood risk elsewhere.</li> </ul> <p><b>These factors will be considered in the detailed design of any scheme proposed in this minerals area of search as part of the Development Management process.</b></p>	
ME2259	Kirklees Lock, Clifton	<0.01

<b>Sites partly in site FZ3b:</b>		
<b>Could the required use be accommodated by allocating land in a lower flood risk zone? If not, is the Exception Test required?</b>		
<b>Proposed employment allocations:</b>		Hectares in FZ3b
<b>Sequential Test:</b>	<b>For the proposed employment allocations which overlap with parts of Flood Zone 3b (listed below), the developable area has been reduced to remove Flood Zone 3b. As no employment development will take place in Flood Zone 3b, there is no requirement for a sequential test for these sites in relation to Flood Zone 3b.</b>	
<b>Exception Test:</b>	<b>Not required as no new employment uses are proposed in Flood Zone 3b.</b>	
E1871	Land north-east of, Bottoms Mill, Woodhead Road, Holmfirth	0.93
E1876	Land south east of , Spen Valley Industrial Park , Rawfolds way , Cleckheaton	0.01
E2333a	Land to the east of, 4 Park Mill, Wakefield Road, Clayton West	0.08
<b>Proposed housing allocations:</b>		Hectares in FZ3b
<b>Sequential Test:</b>	<b>The developable area of housing allocations which overlap with Flood Zone 3b (listed below) has been reduced to remove the area at high risk of flooding or where a site has planning permission the planning permission capacity has been shown. As no housing development will take place in Flood Zone 3b, there is no requirement for a Sequential Test for these sites in relation to Flood Zone 3b.</b>	
<b>Exception Test:</b>	<b>Not required as no new housing is proposed in Flood Zone 3b.</b>	
H17	Park Mill Houses 2 and 4, Wakefield Road, Clayton West	<0.01
H215	Land north of, Edgerton Road, Edgerton	<0.01
H222	Land to the north east of, Pilling Lane, Scissett, Huddersfield,	0.03
H2594a	Minerva Works, Crossley Lane, Kirkheaton	<0.01
H3325a	Adare Ltd, Park Mill, Manor Road, Clayton West	0.23
H728	Land to the West of, Stoney Bank Lane, Thongsbridge	0.24

<b>Proposed mineral extraction sites:</b>		Hectares in FZ3b
<b>Sequential Test:</b>	The proposed mineral extraction sites listed below is a sand and gravel mineral site. The presence of this mineral therefore dictates the location of the site. As such, this site passes the sequential test as there are no reasonably available sites in lower flood risk areas.	
<b>Exception Test:</b>	<p>Not required (Water-Compatible Development in Flood Zone 3b) although in accordance with NPPG these uses should be designed and constructed to:</p> <ul style="list-style-type: none"> <li>• remain operational and safe for users in times of flood;</li> <li>• result in no net loss of floodplain storage;</li> <li>• not impede water flows and not increase flood risk elsewhere.</li> </ul> <p>These factors will be considered in the detailed design of mineral extraction schemes as part of the Development Management process.</p>	
ME2250	Forge Lane, Ravensthorpe	10.00
<b>Mineral areas of search:</b>		Hectares in FZ3b
<b>Sequential Test:</b>	The site listed below is a proposed minerals area of search for the working of sand and gravel and the presence of the mineral therefore dictates the location of this minerals area of search. This minerals search area passes the sequential test as there are no reasonably available sites in lower flood risk areas.	
<b>Exception Test:</b>	<p>Not required (Water-Compatible Development in Flood Zone 3b) although in accordance with NPPG these uses should be designed and constructed to:</p> <ul style="list-style-type: none"> <li>• remain operational and safe for users in times of flood;</li> <li>• result in no net loss of floodplain storage;</li> <li>• not impede water flows and not increase flood risk elsewhere.</li> </ul> <p>These factors will be considered in the detailed design of any scheme proposed in this minerals area of search as part of the Development Management process.</p>	
ME2259	Kirklees Lock, Clifton	8.83