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Draft Kirklees Local Plan

Sustainability Appraisal Report

Annex 3: Sustainability Appraisal Matrices and Maps for Mixed Use Site Options

Prepared by LUC
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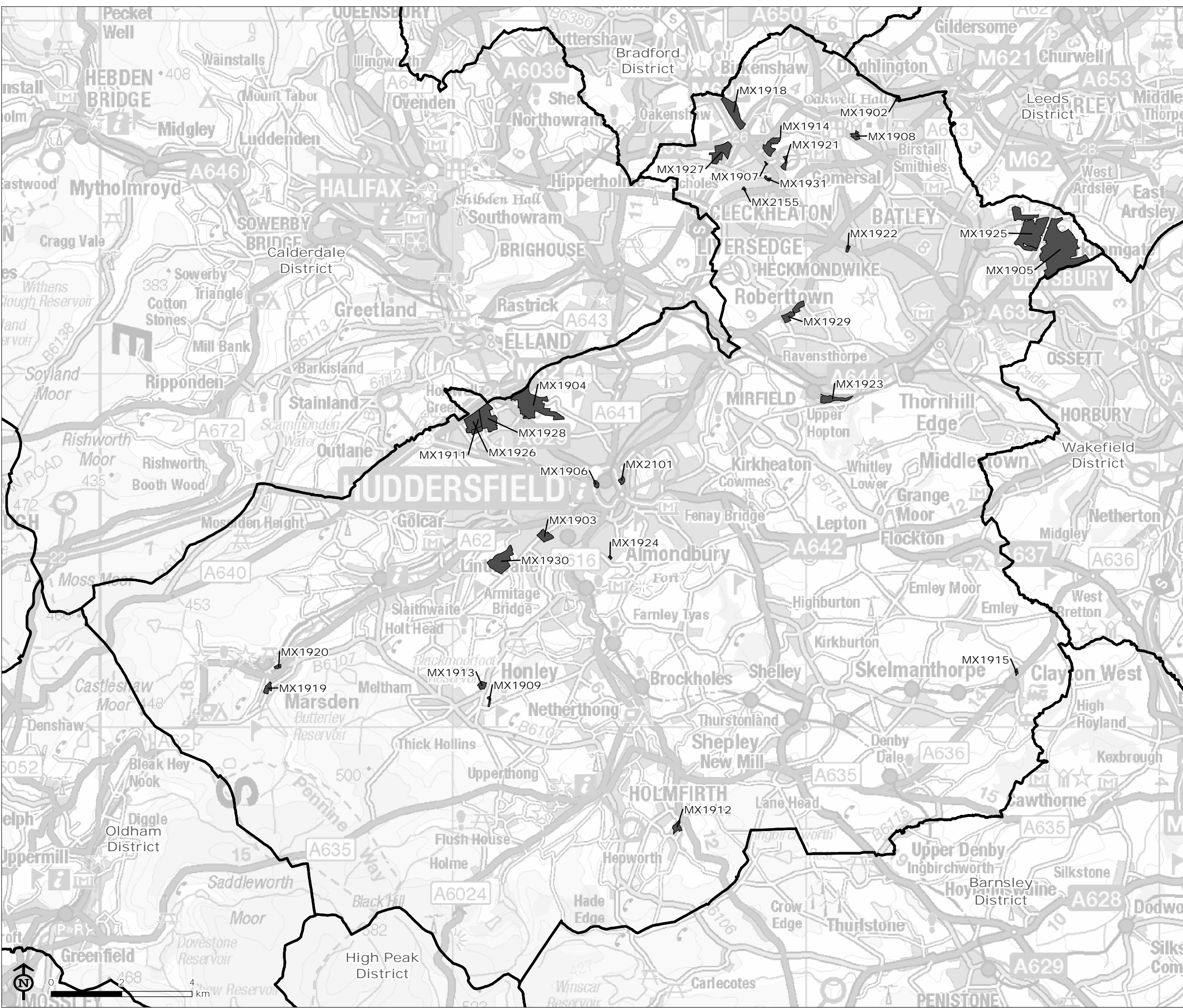
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Mixed Use Site Options: Maps Showing Likely Significant Effects

Map MX1

All Mixed Use Site Options

-  District boundary
-  Mixed use site






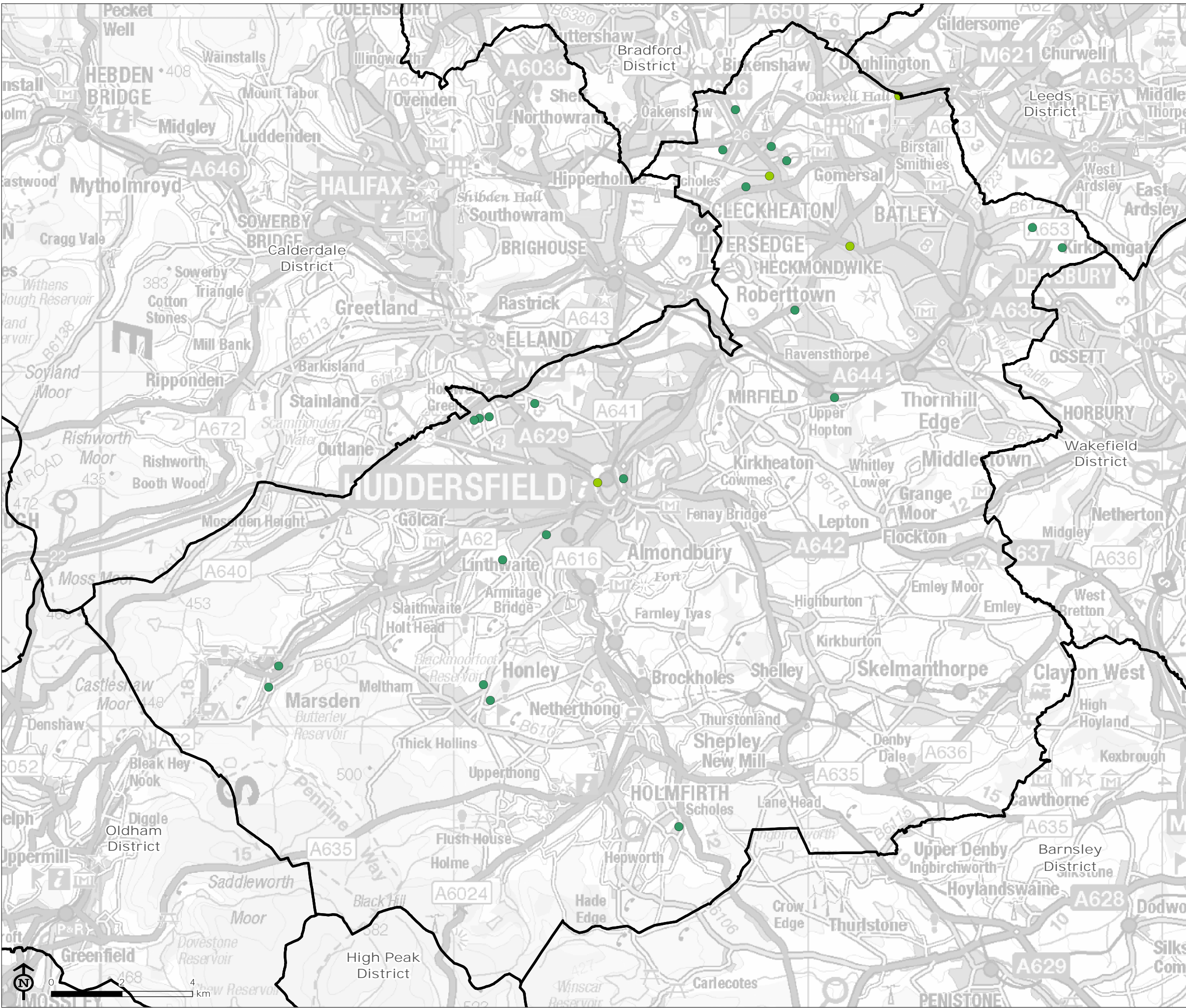
Map Scale @ A3: 1:105,000



Map MX2

Mixed Use Sites with a Significant Positive and Minor Positive Effect on SA Objective 1 - Employment

-  District boundary
-  Site with a significant positive effect
-  Site with a minor positive effect



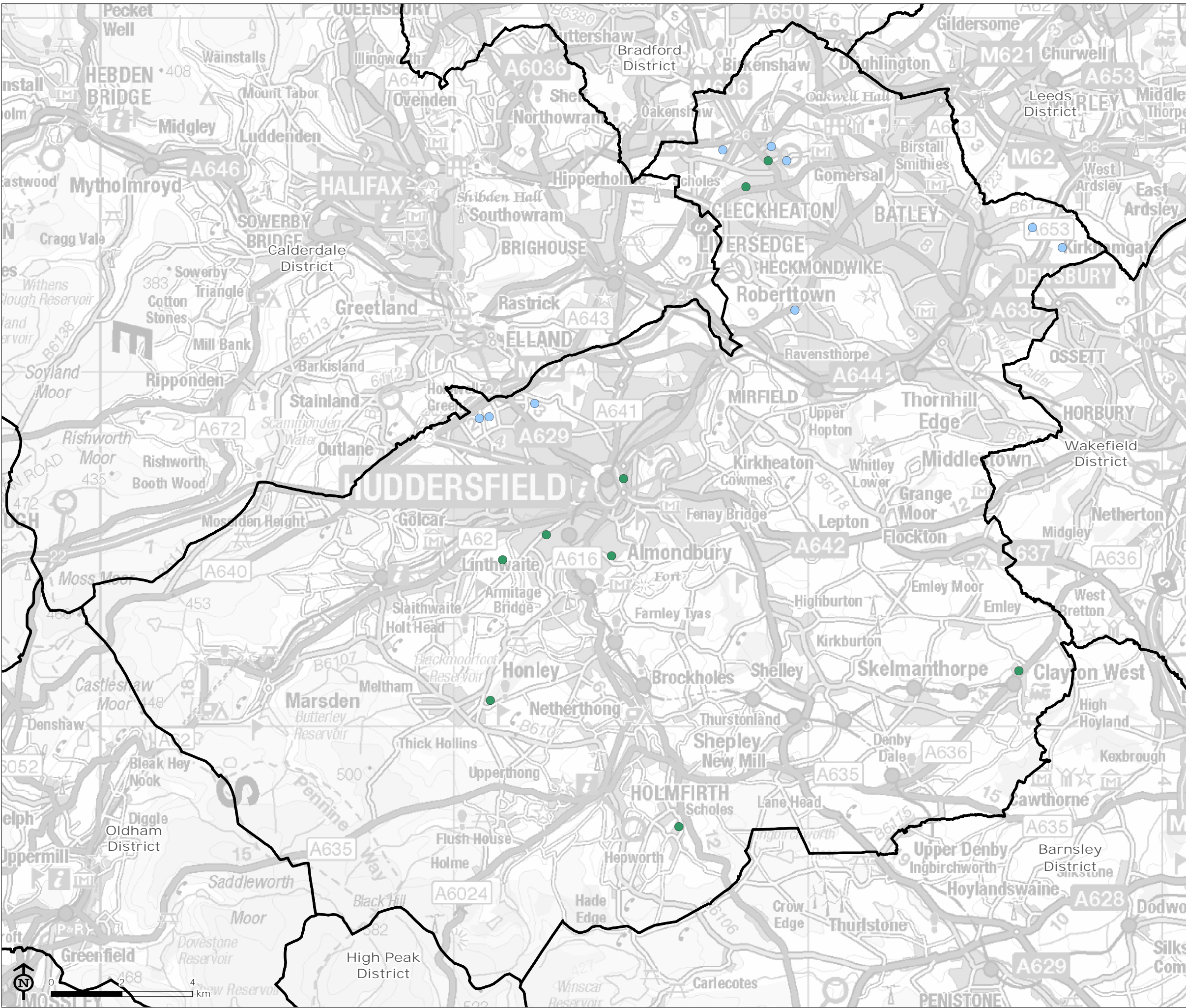
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Map MX3

Mixed Use Sites with an Entirely or Partially Significant Positive Effect on SA Objective 3 - Education

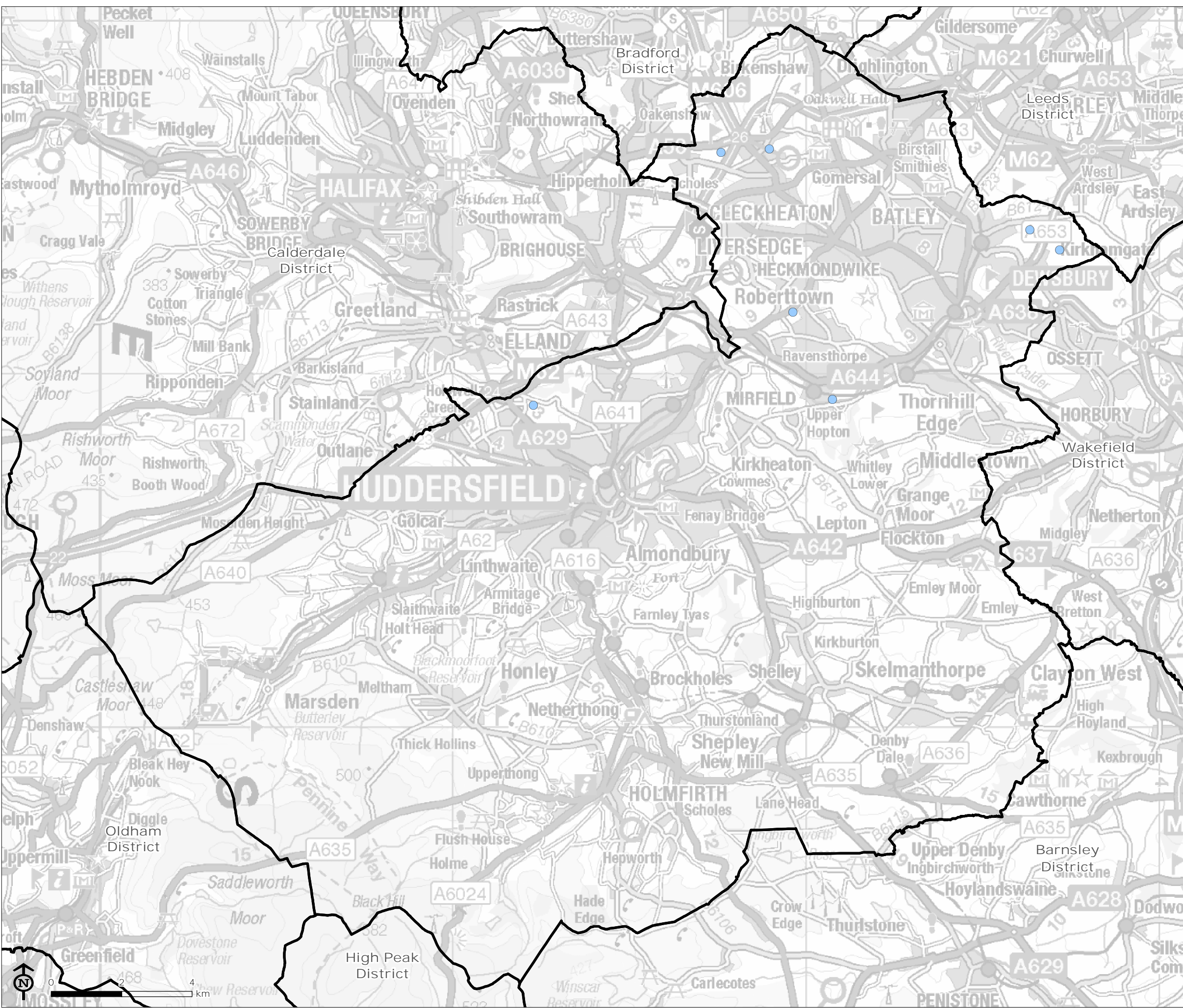
- District boundary
- Site with a significant positive effect
- Site with a partially significant positive (mixed effect overall)



Map Scale @ A3: 1:105,000



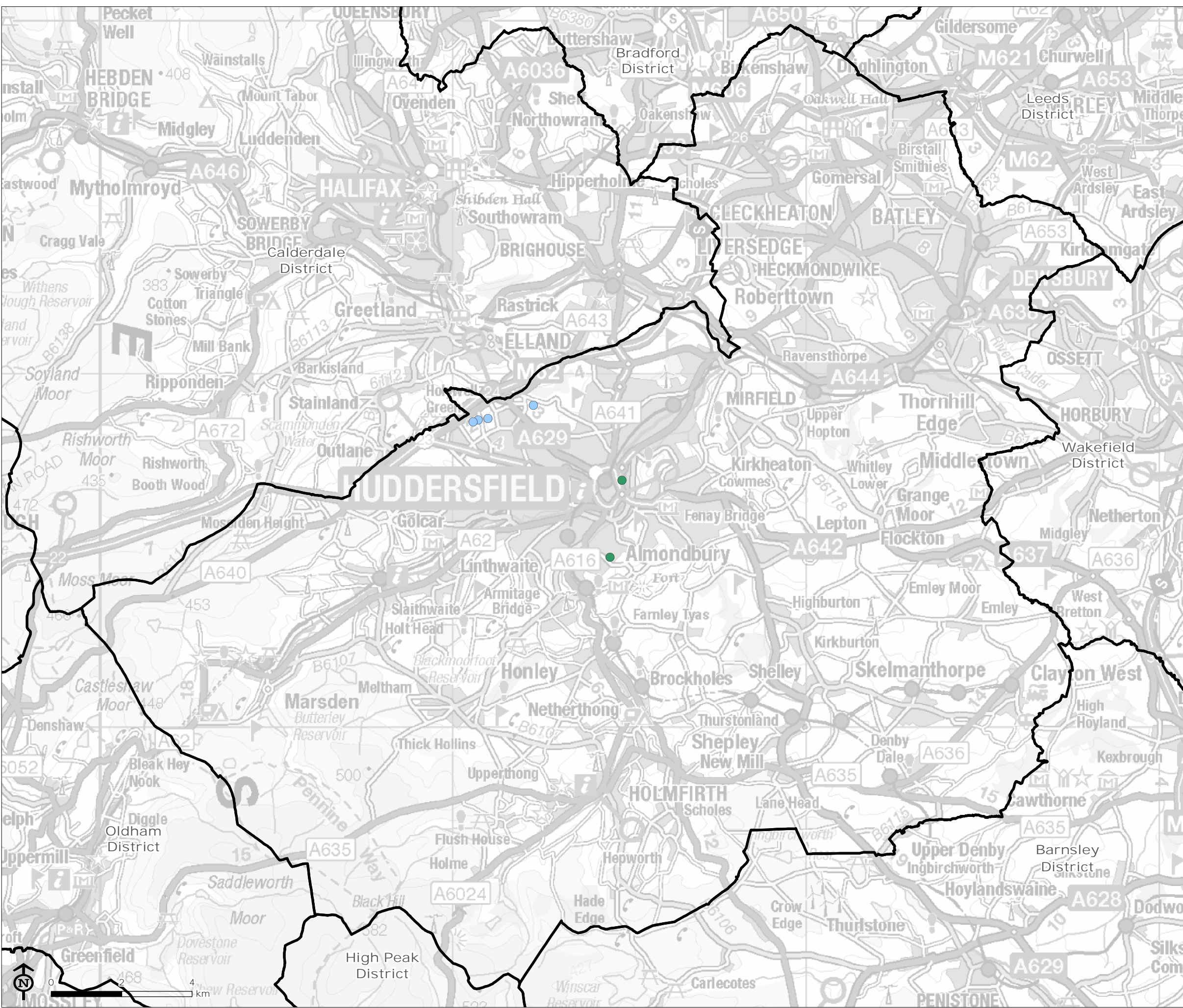
- District boundary
- Site with a partially significant negative (mixed effect overall)



Map MX5

Mixed Use Sites with an Entirely or Partially Significant Positive Effect on SA Objective 4 - Health

- District boundary
- Site with a significant positive effect
- Site with a partially significant positive (mixed effect overall)



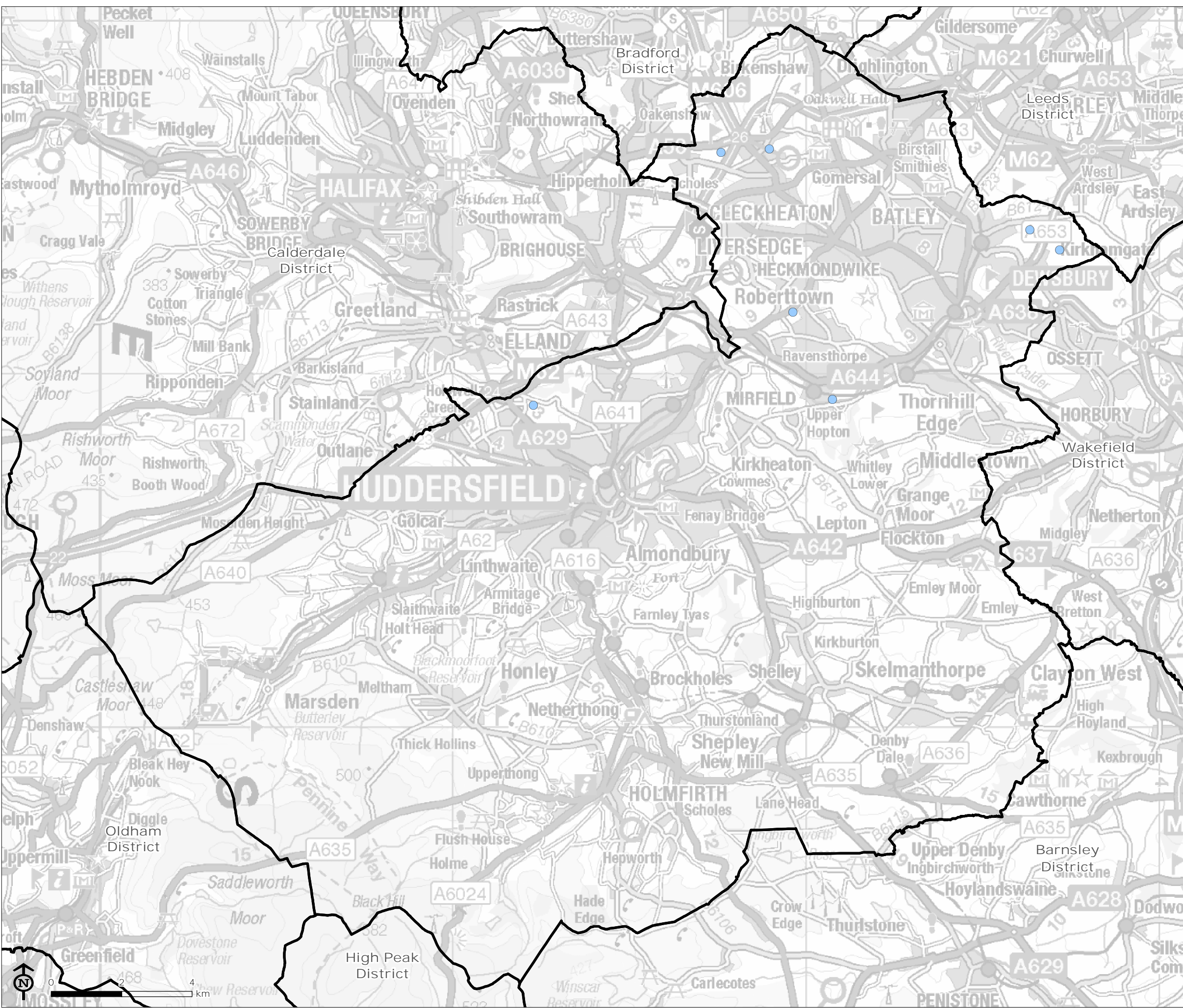
Map Scale @ A3: 1:105,000



Map MX6

Mixed Use Sites with an Entirely or Partially Significant Negative Effect on SA Objective 4 - Health

- District boundary
- Site with a partially significant negative (mixed effect overall)









Map Scale @ A3: 1:105,000

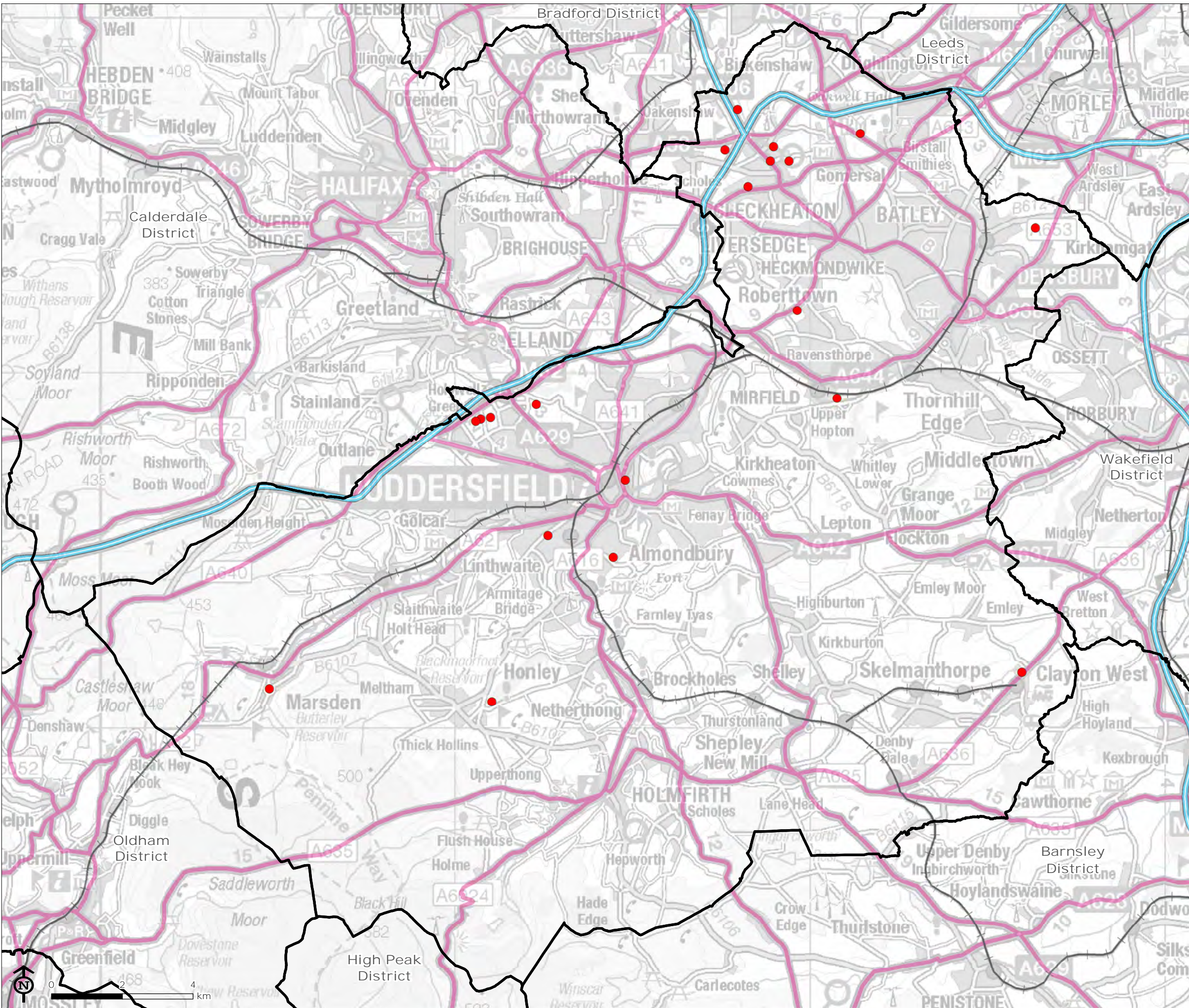


SA and HRA of Kirklees Local Plan

Map MX7

Mixed Use Sites with Significant Negative Effects on SA Objective 5 - Amenity

-  District boundary
-  Site with a significant negative effect
-  Motorway
-  Rail line
-  primary_road
-  A road



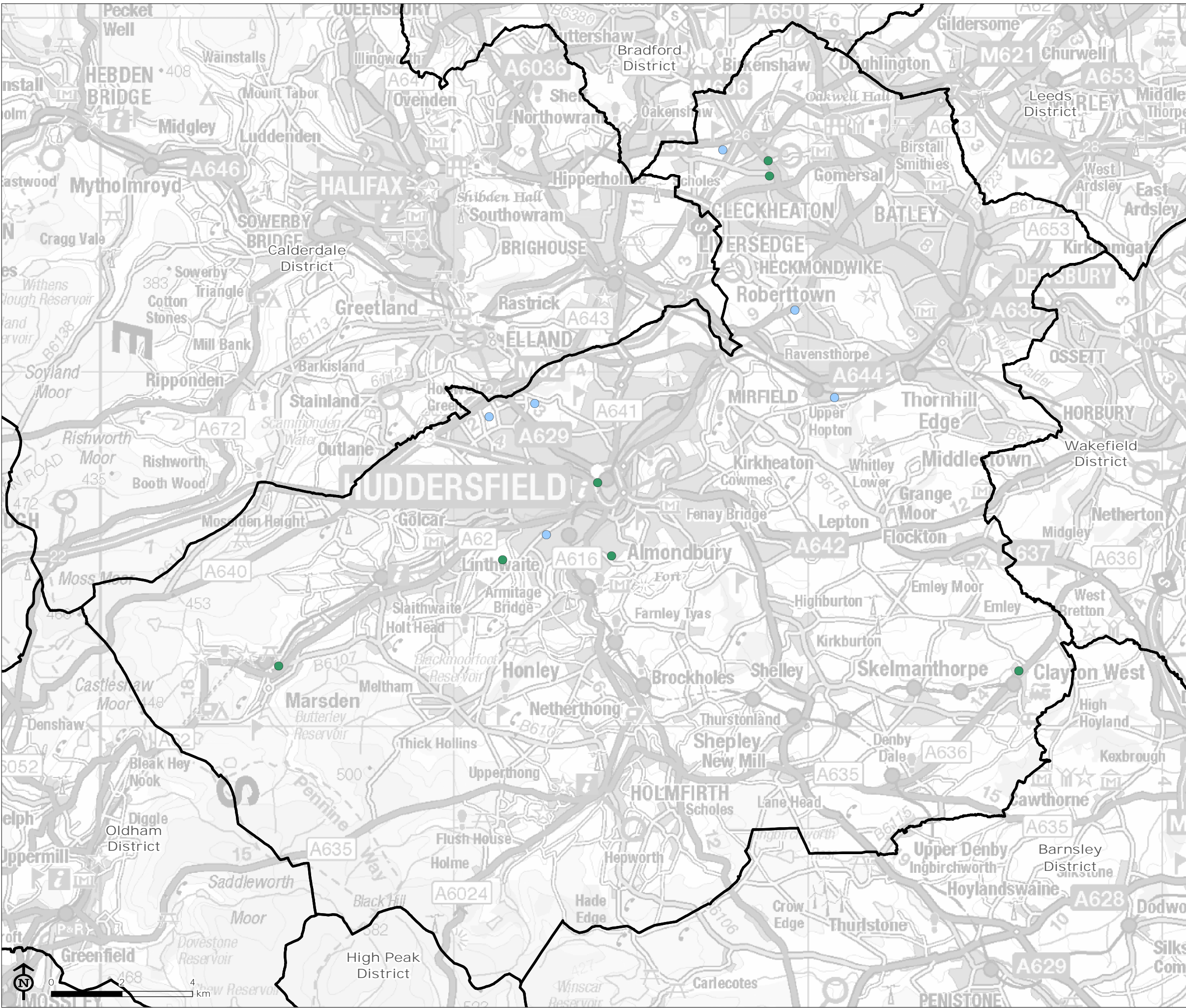
Map Scale @ A3: 1:105,000



Map MX8

Mixed Use Sites with an Entirely or Partially Significant Positive Effect on SA Objective 6 - Services and Facilities

- District boundary
- Site with a significant positive effect
- Site with a partially significant positive (mixed effect overall)



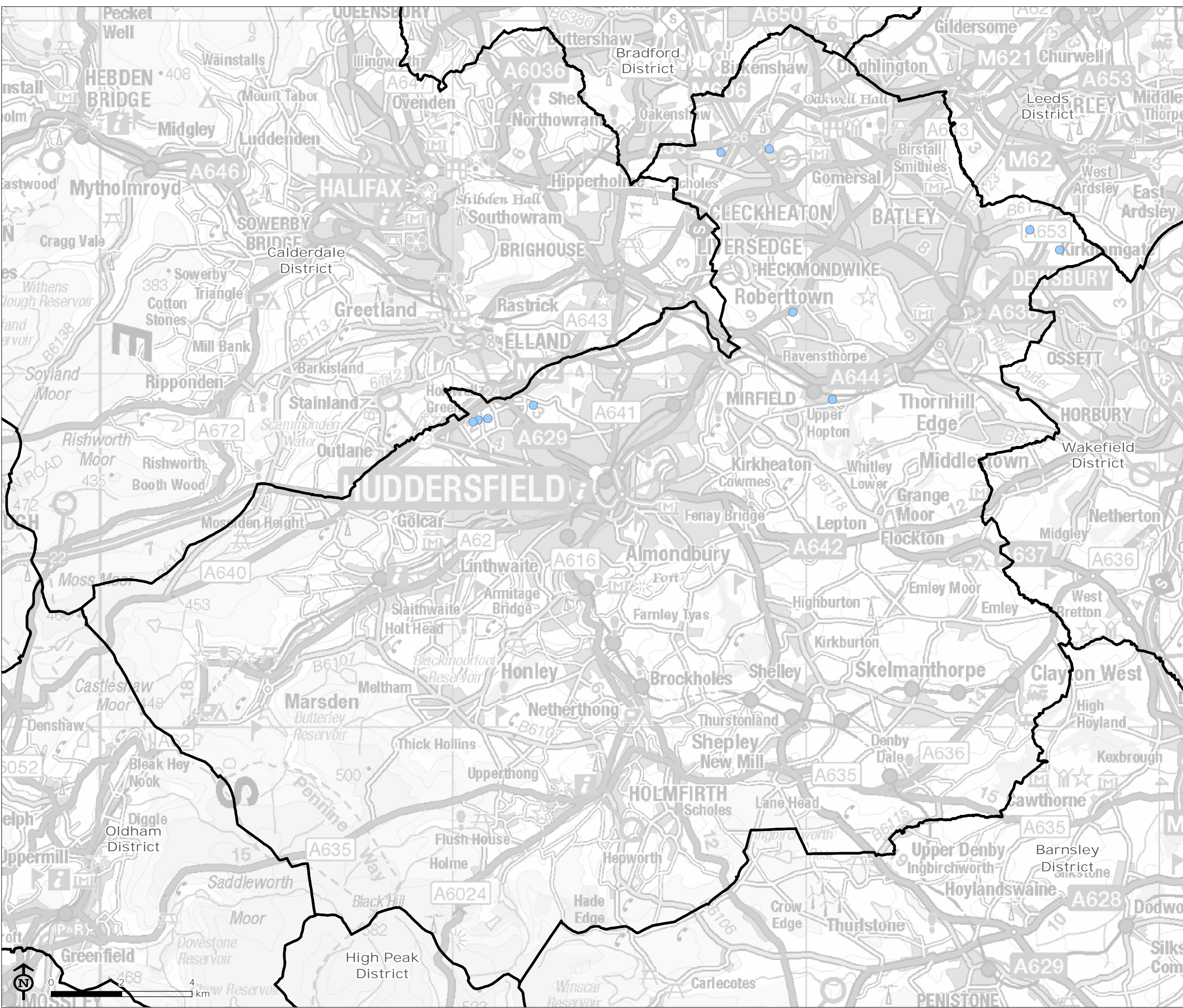
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Map MX9

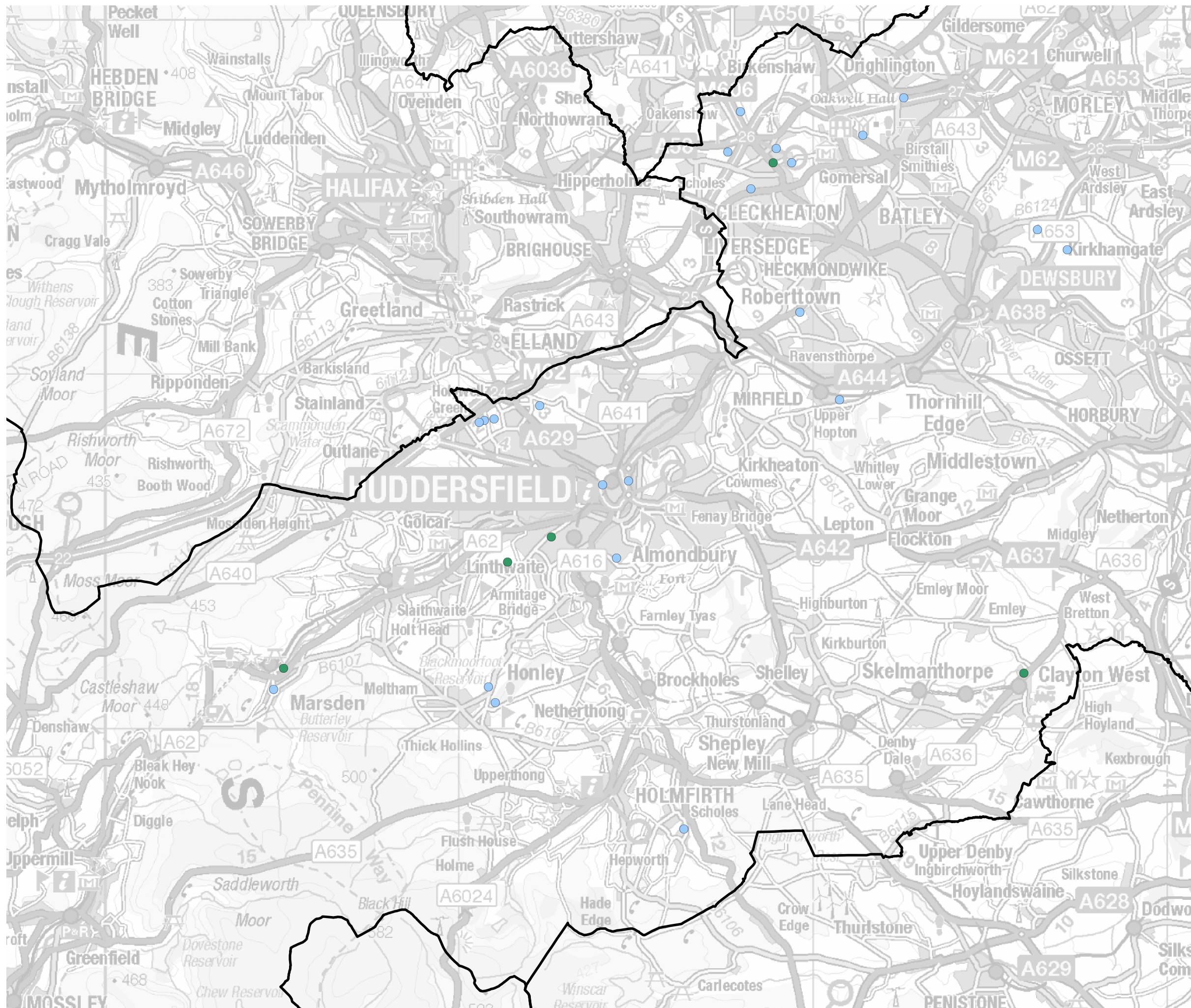
Mixed Use Sites with a Partially Significant Negative Effect on SA Objective 6 - Services and Facilities

- District boundary
- Site with a partially significant negative (mixed effect overall)

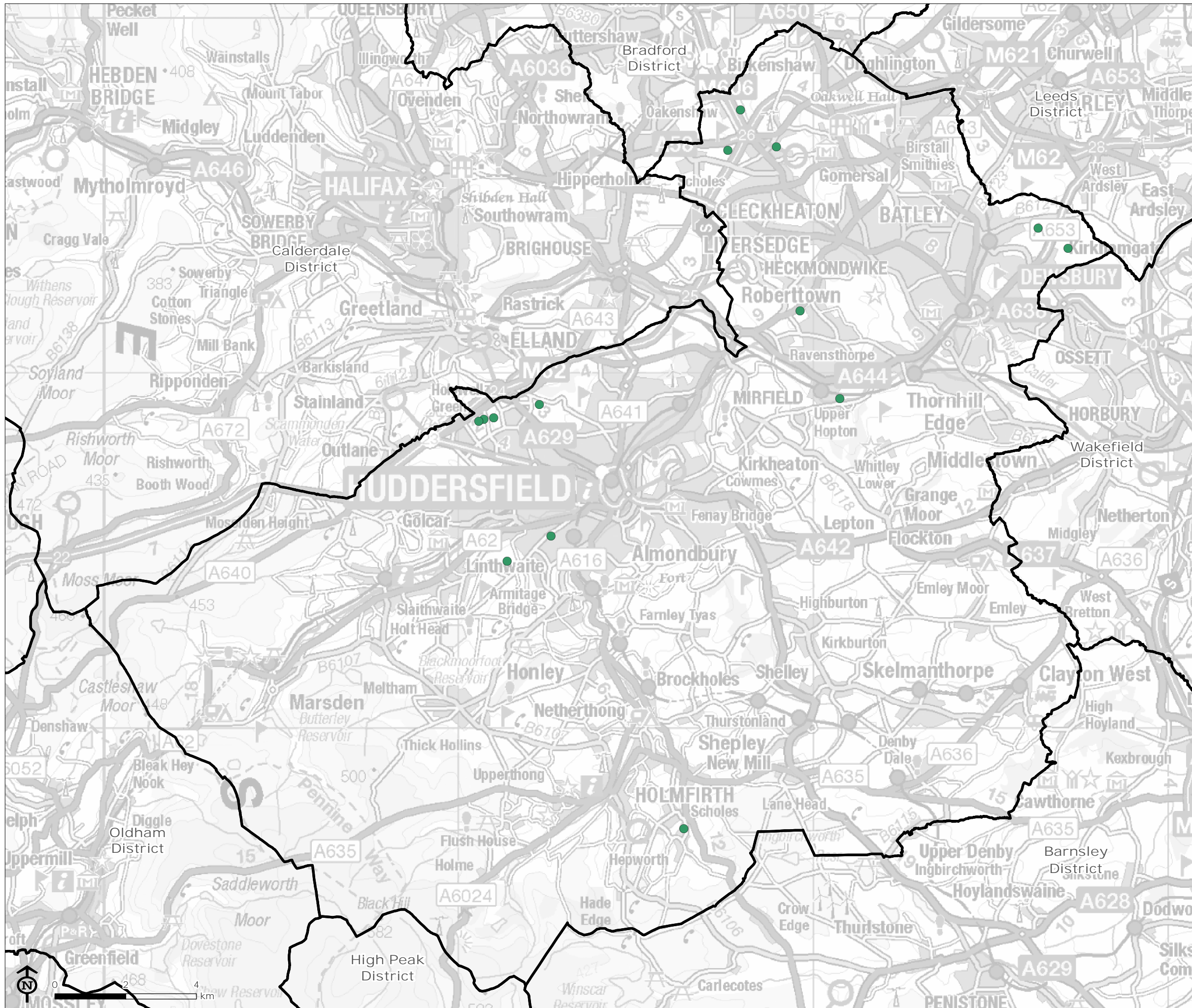


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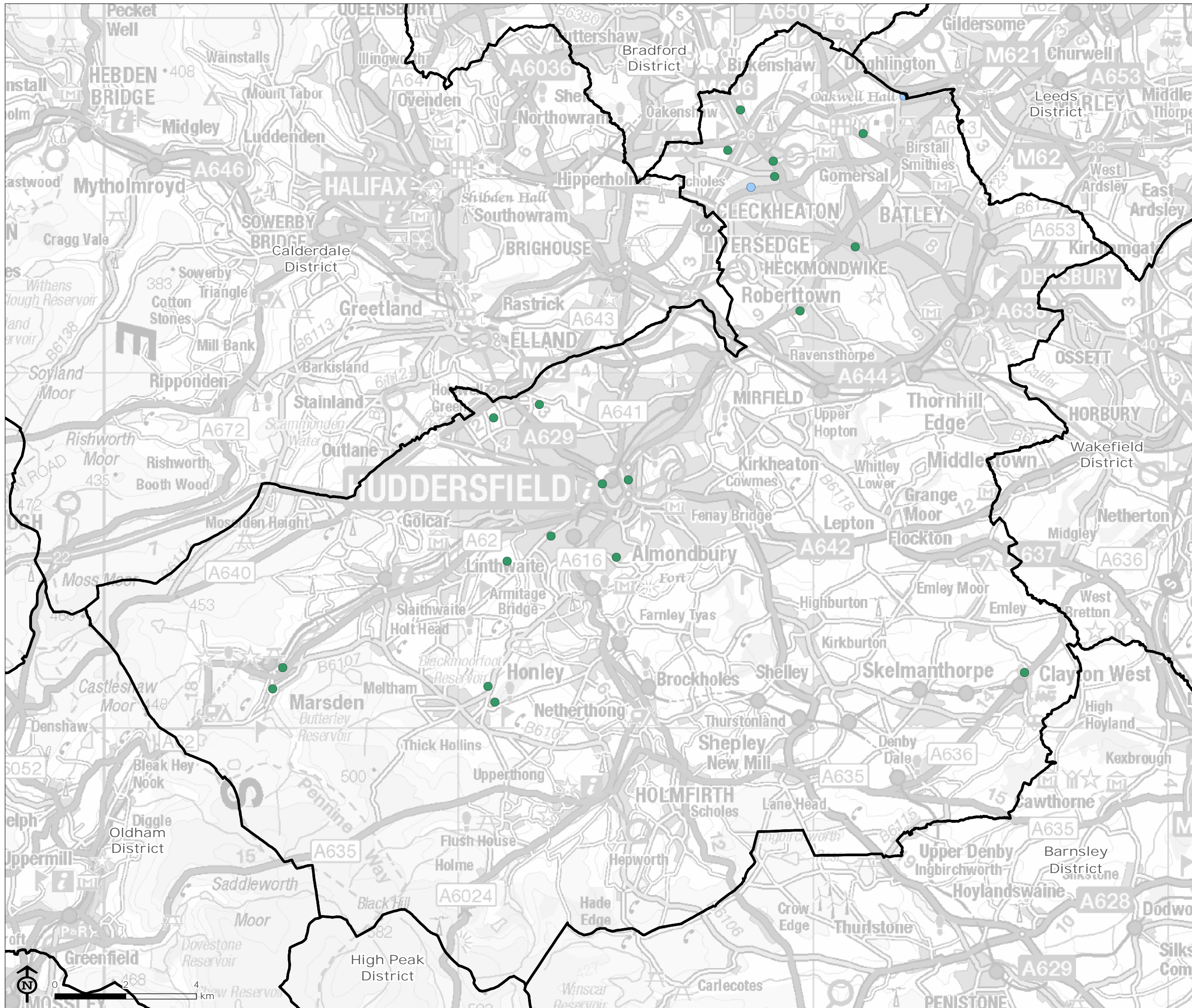
- District boundary
- Site with a significant positive effect



Map MX12

Mixed Use Sites with an Entirely or Partially Significant Positive Effect on SA Objectives 10 - Sustainable Transport, and 19 - Climate change

- District boundary
- Site with a significant positive effect
- Site with a partially significant positive (mixed effect overall)



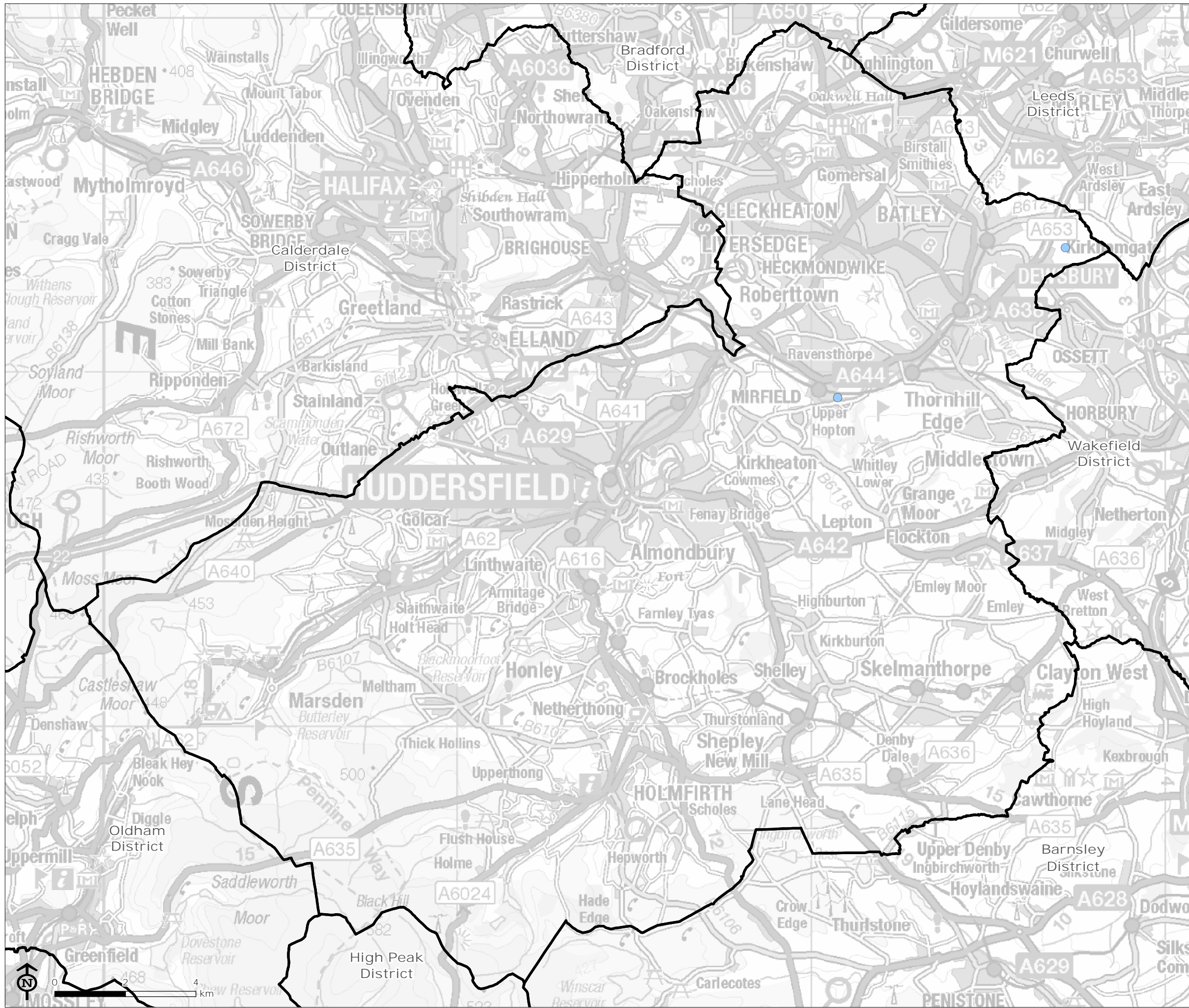
Map Scale @ A3: 1:105,000



Map MX13

Mixed Use Sites with a Partially Significant Negative Effect on SA Objectives 10 - Sustainable Transport, and 19 - Climate change

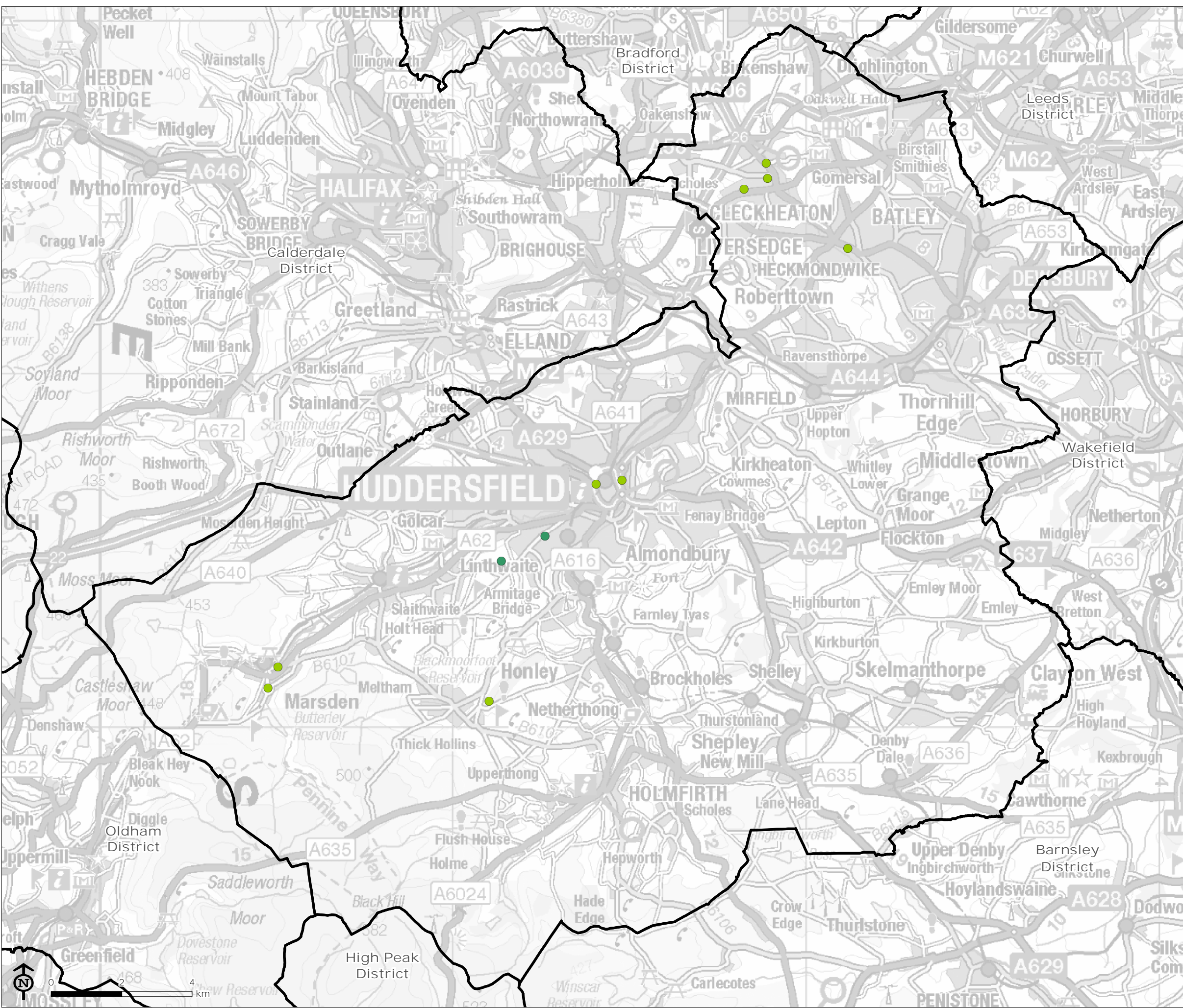
- District boundary
- Site with a partially significant negative (mixed effect overall)



Map Scale @ A3: 1:105,000






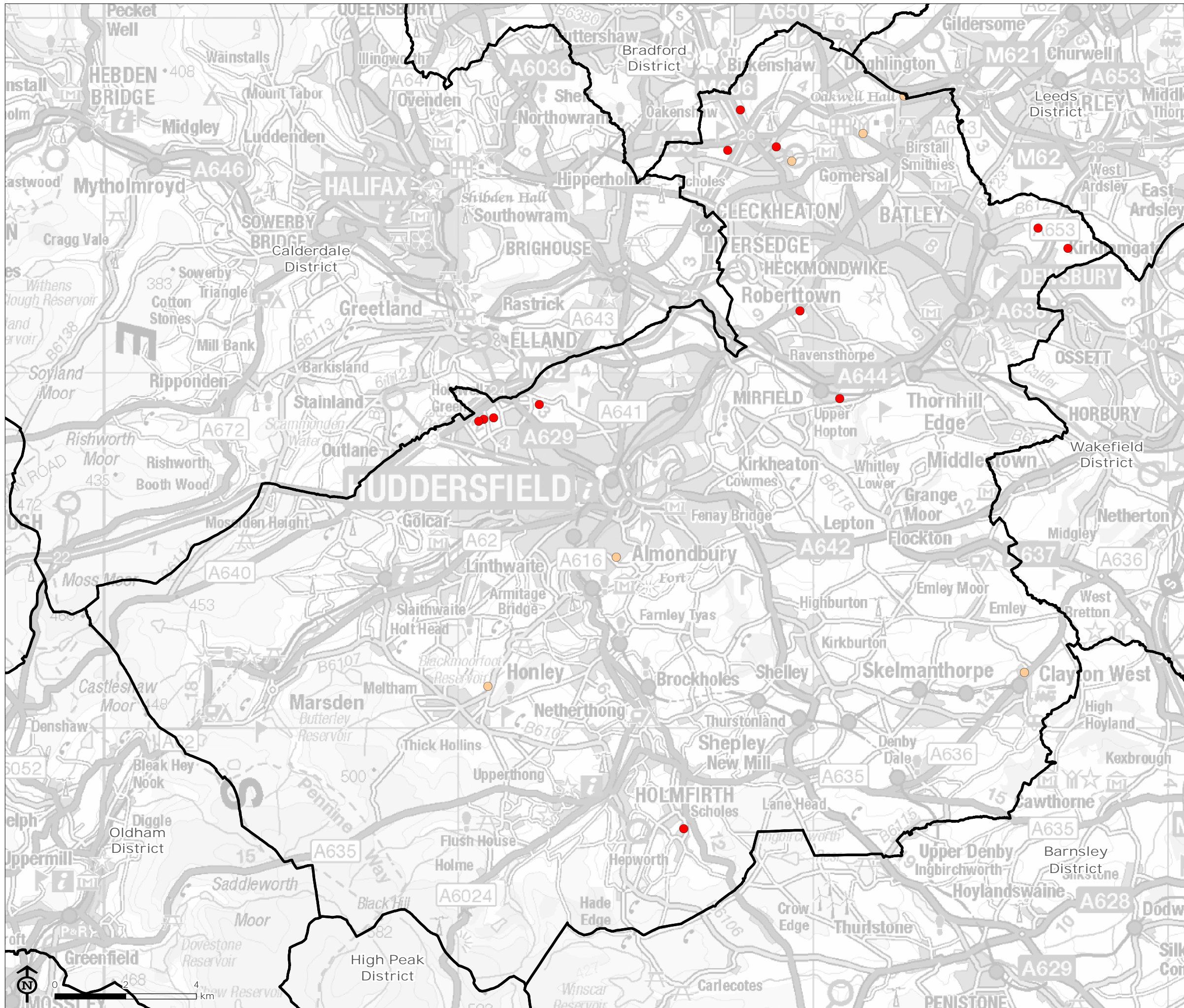
- District boundary
- Site with a significant positive effect
- Site with a minor positive effect



Map MX15

Mixed Use Sites with Significant and Minor Negative Effects on SA Objective 11 - Efficient Land Use

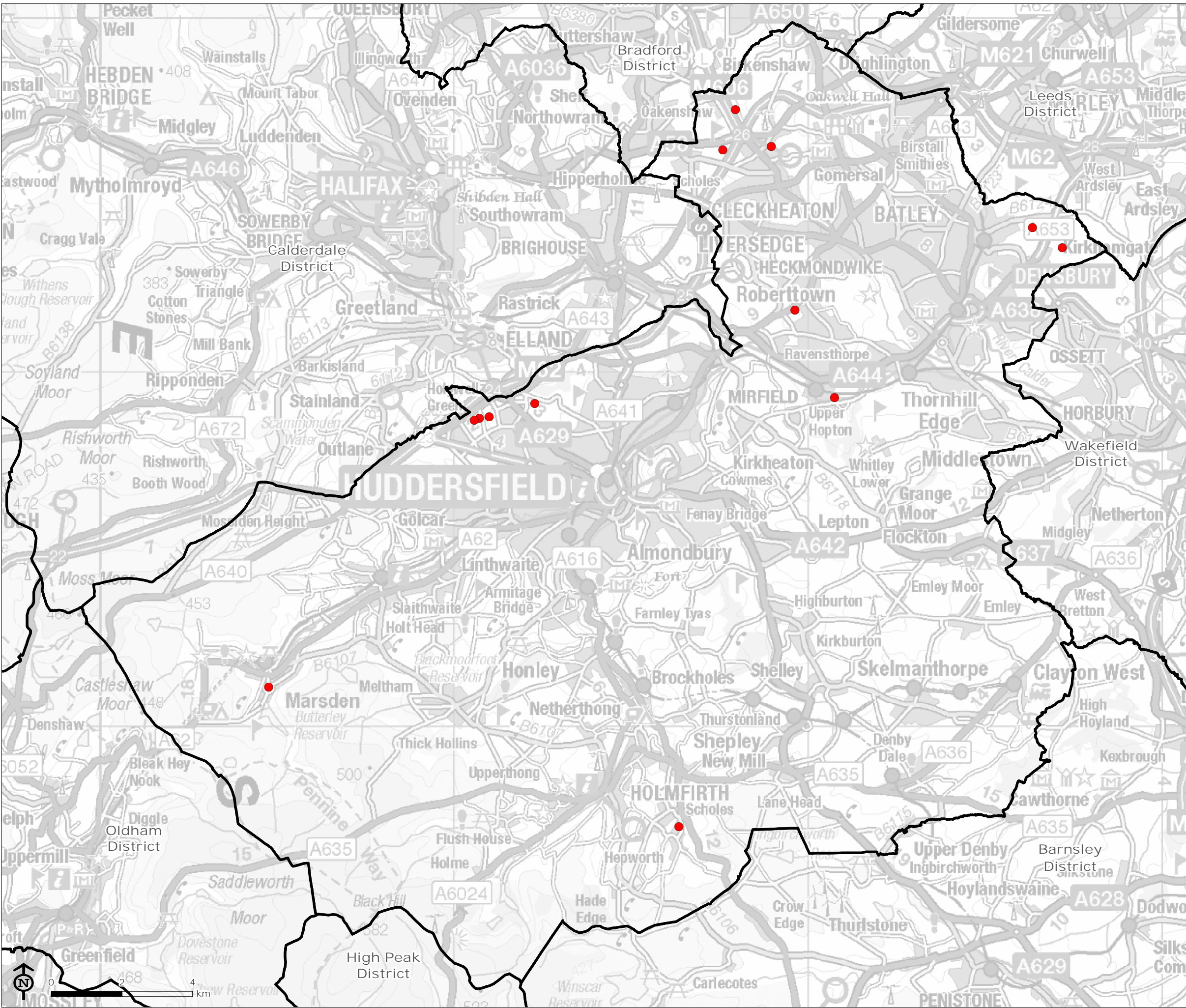
-  District boundary
-  Site with a significant negative effect
-  Site with a minor negative effect



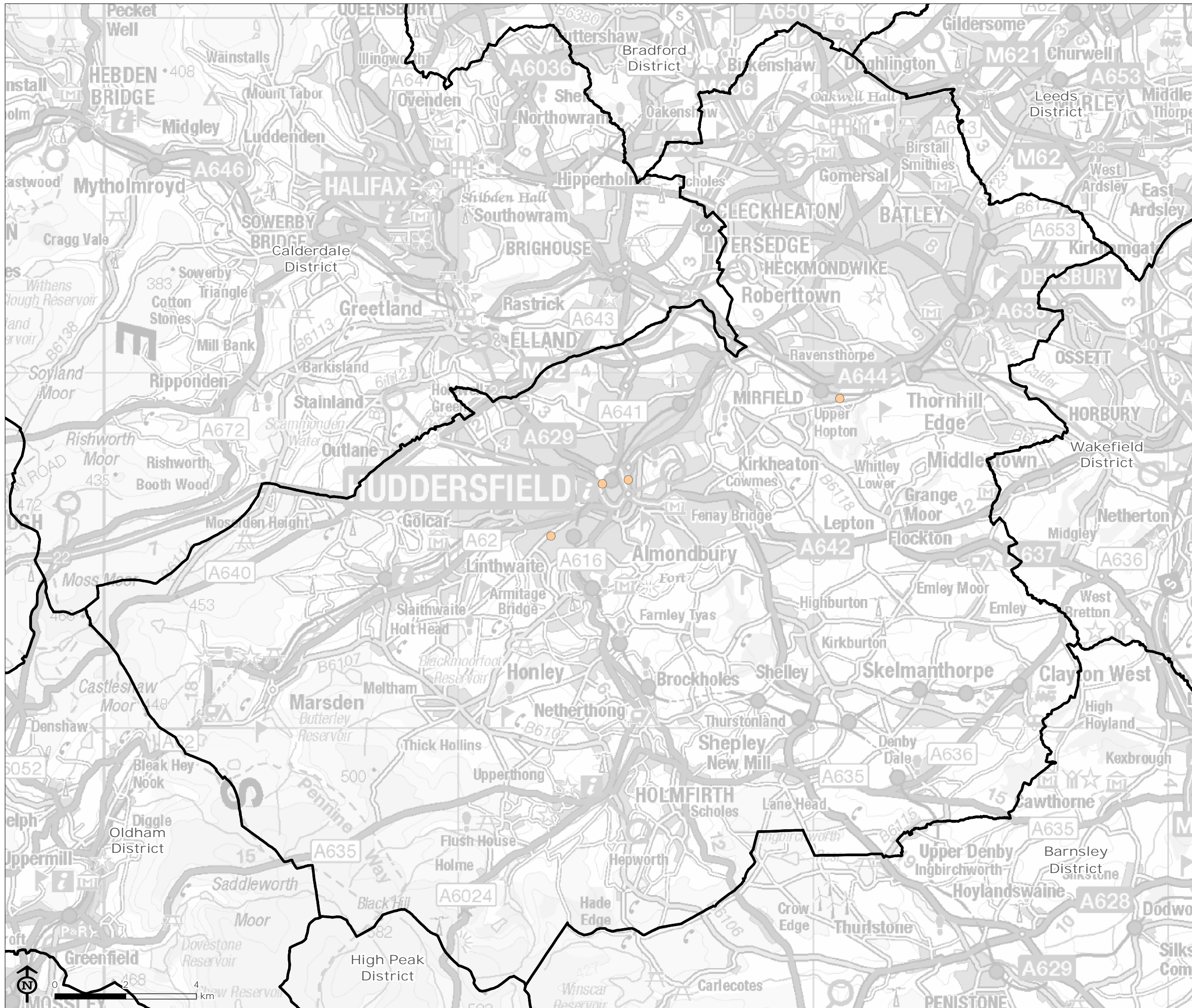
Map Scale @ A3: 1:105,000



- District boundary
- Site with a significant negative effect






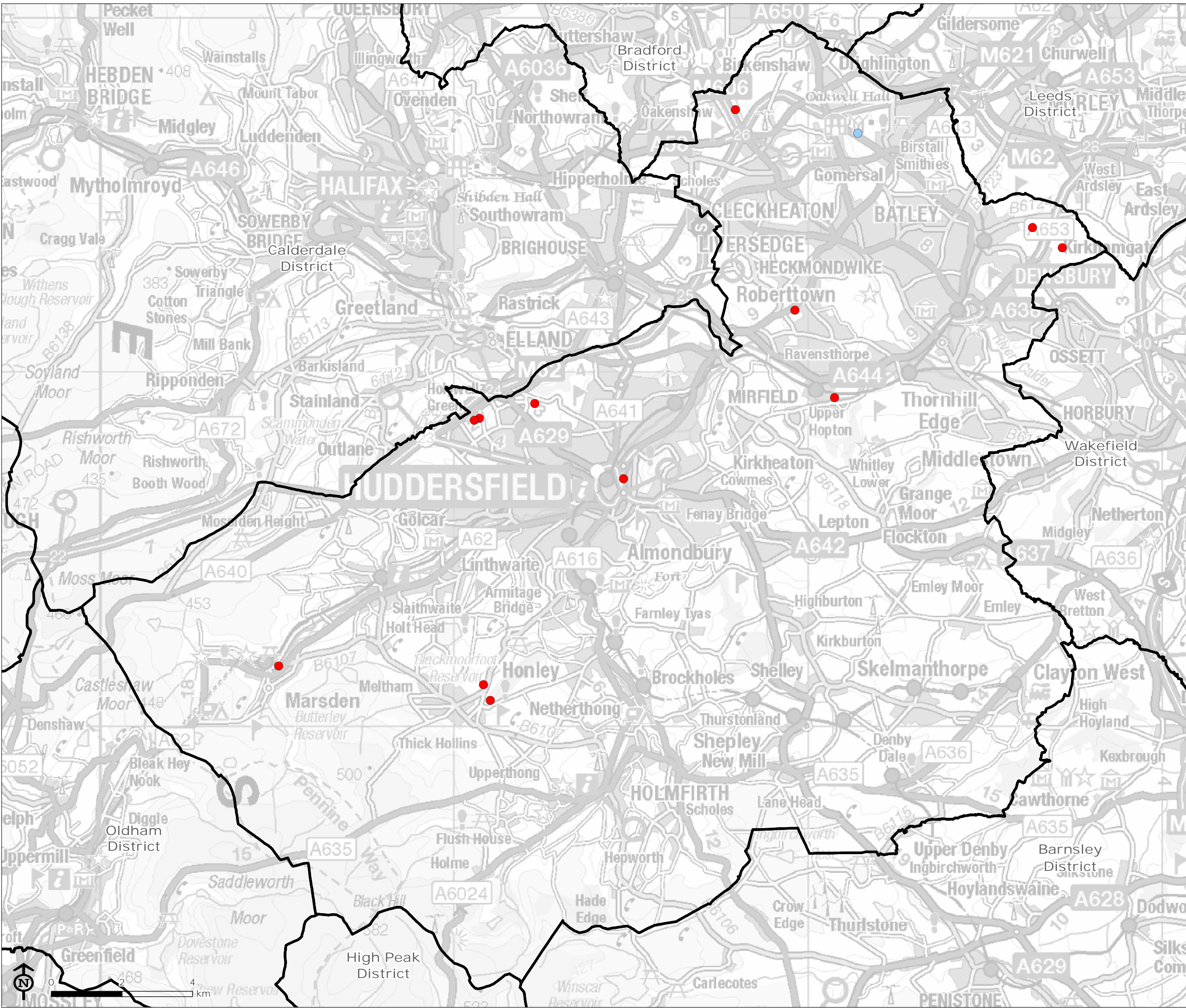
- District boundary
- Site with a minor negative effect



Map MX18





Mixed Use Sites with an Entirely or Partially Significant Negative Effect on SA Objective 14 - Biodiversity and Geodiversity

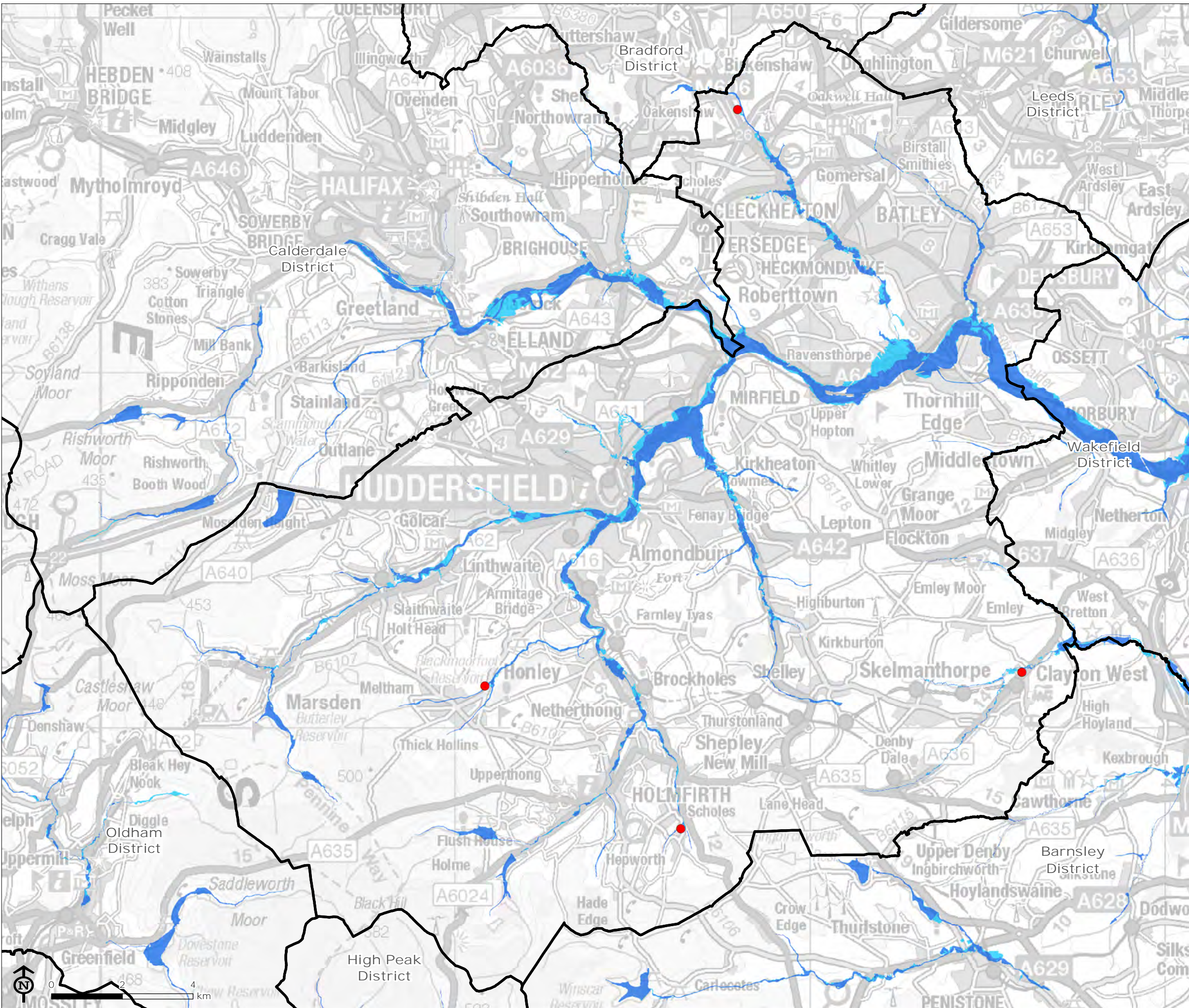
-  District boundary
-  Site with a significant negative effect
-  Site with a partially significant negative (mixed effect overall)



Map Scale @ A3: 1:105,000



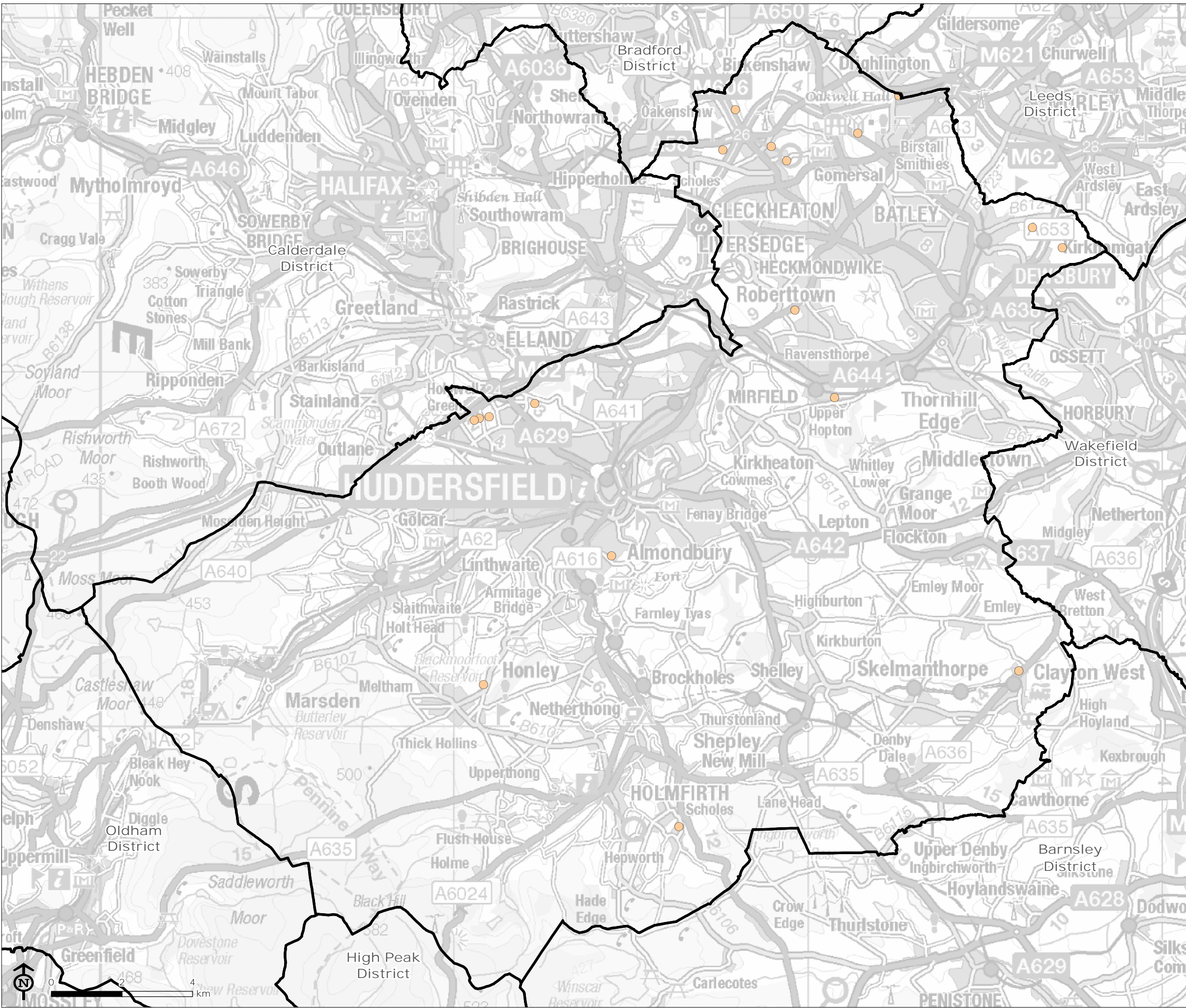
-  District boundary
-  Site with a significant negative effect
-  Flood Zone 2
-  Flood Zone 3



Map MX20

Mixed Use Sites with a Minor Negative Effect on SA Objective 17 - Waste

- District boundary
- Site with a minor negative effect



Map Scale @ A3: 1:105,000



Detailed SA Matrices for Mixed Use Site Options

MX1902

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This is a mixed use site which would incorporate retail and employment development but not residential development; therefore, a minor positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision; therefore a minor positive effect is likely.</p>
3. Ensure education facilities are available to all.	0	<p>This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	<p>This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely. The site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees.</p>
5. Protect local amenity including avoiding noise and light pollution.	0	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase.</p> <p>This site is not within 100m of any existing residential development or other sensitive receptors; therefore a negligible effect on this SA objective is expected.</p>
6. Retain and enhance access to local services and facilities.	0	<p>This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	<p>The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.</p>
8. Protect and enhance existing and	+/--?	<p>There is a PRoW within the site, which could be disrupted or lost as a result of development. However this site is</p>

SA Objectives	SA Score	Justification
support the provision of new recreation facilities and areas of open space and encourage their usage.		within 600m of other recreational facilities that could be used by employees, including a sports facility, a large public park to the south and another PRoW to the east and west. Therefore a mixed effect (minor positive and potential significant negative) is likely.
9. Ensure all people are able to live in a decent home which meets their needs.	0	This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0/++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. However, the proposals for this site do not include residential development.</p> <p>Where sites would incorporate employment development, effects will be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. This site is proposed for employment and retail uses and the accessibility heat mapping work that was undertaken for Kirklees Council showed that 1,088 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore, a negligible effect is likely.</p> <p>In addition, the site would incorporate a park and ride which may offer improved opportunities for local people to reduce car use; therefore, a significant positive effect is likely..</p>
11. Secure the efficient and prudent use of land.	-	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This site is relatively small (0.85 ha) on mainly on greenfield land; therefore a minor negative effect is likely. Most of this site is on land designated as Grade 4 agricultural quality, while the western area is on land designated as Grade 3 agricultural land.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	<p>This site is relatively small (0.85 ha) on mainly on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA E8: Batley-Dewsbury Rural Fringes, as identified in the 2015 Landscape Character Assessment for Kirklees. This comprises gently undulating land with varied tree cover. Urban expansion and associated land uses are spreading into the farmland landscape. Some areas still retain a relative sense of tranquillity and rural character, however increasing urbanisation creates a landscape of transition.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to	-?	Oakwell Park Nature reserve is approximately 500m south west of the site; therefore, a minor negative effect on this

SA Objectives	SA Score	Justification
protect and enhance biodiversity and geodiversity.		SA objective is likely. Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negative effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and outside of flood zones 2 and 3; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land; therefore is likely to have a minor negative effect on this objective.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	0/+	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site is not proposed for residential uses. The site would incorporate employment development and the heatmapping work undertaken for Kirklees Council has shown that 1,088 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore, a negligible effect is likely. In addition, the site would incorporate a park and ride which may offer improved opportunities for local people to reduce car use; therefore, a minor positive effect is also likely..
Summary of SA findings: A potential significant positive effect was identified in relation to objective 10: sustainable transport (part of a mixed effect overall). A potential significant negative effect was identified in relation to SA objective 8: recreation facilities (part of a mixed effect overall). This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

MX1903

SA Objectives	SA Score	Justification
1: Increase the number and range	++	The provision of new employment development within a mixed use site in any location is likely to have a positive

SA Objectives	SA Score	Justification
of employment opportunities available for local people, and ensure that they are accessible.		effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible. This is a mixed use site which would incorporate both employment and residential development; therefore a significant positive effect is likely.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision; therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	++?	<p>The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. Approximately half of the site is within 6-10 minutes travel time to a primary school (aside from the central southern area which is within 11-15 minutes). Most of this site is also within 11-15 minutes travel time to a secondary school (aside from an area in the south western and south eastern edge which is 6-10 minutes); therefore, a significant negative effect is likely for this SA objective. This site is also within 20 minutes travel time to a further education institute.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+?	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. Approximately half of this site is within 5 minutes travel time to a GP, while the other half is within 6-10 minutes travel time. Approximately half of this site is also within 26-30 minutes travel time to a hospital, while the other half is within 31-35 minutes travel time; therefore a minor positive effect is likely. The site would also incorporate open space, which may have health benefits in terms of enabling active outdoor recreation, and the site would include infrastructure – it is unclear if this may include healthcare facilities; therefore there is some uncertainty attached to the positive effect.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties surrounding the site to the north, east and south of the site. Furthermore, Crosland Moor Junior School and Dryclough Church Of England Infant School are to the west. These receptors may be affected by noise during the construction phase. A significant negative effect on this SA objective is therefore likely. The proposed mixed use development would also include a public house and restaurants, which may mean that residents in the site are affected by noise although this would depend on their proximity to one another</p>

SA Objectives	SA Score	Justification
		within the site.
6. Retain and enhance access to local services and facilities.	++/0	<p>Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development. Levels of access to local centres and access to town/ district centres vary throughout the site. The most accessible area is in the far northern area of the site which is within 5 minutes travel time to a local centre and 11-15 minutes travel time to a town/ centre. The least accessible area is in the central eastern area of the site, which is within 11-15 minutes to a local centre and 21-25 minutes travel time to a town/ district centre. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – significant positive for the far northern area of the site and negligible for the central eastern area of the site.</p> <p>In addition, the proposals for this site include a food store, retail, a public house and restaurants, as well as 'infrastructure' which may include further services and facilities. This reinforces the significant positive part of the mixed effect.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++	The proposals for this site include open space; therefore a significant effect is likely.
9. Ensure all people are able to live in a decent home which meets their needs.	++?	All of the potential mixed use sites that incorporate residential development are expected to have positive effects on this objective due to the nature of the development proposed, and it is assumed that the development will include an appropriate proportion of affordable housing. This site is relatively large (8.97ha); therefore a significant positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to retail development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in five of the eight features assessed. Therefore, a significant positive effect is</p>

SA Objectives	SA Score	Justification
		likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 31,693 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which reinforces the significant positive effect. Co-locating residential and employment development, as well as services and facilities, within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.
11. Secure the efficient and prudent use of land.	++	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively large site (8.97 ha) on mainly brownfield land; therefore a significant positive effect is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	This is a relatively large site (8.97 ha) on mainly on brownfield land; therefore development here could have a minor positive effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park. The site lies in an area classed as 'urban' in the 2015 Landscape Character Assessment for Kirklees.
13. Conserve and enhance the historic environment, heritage assets and their settings.	-?	Historic England has rated this site as 'yellow' in terms of the potential for effects on the Grade II Listed Buildings; 303 and 305 Blackmoorfoot Road. Therefore, development of the site could result in a minor negative effect upon designated heritage asset. However, this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	Huddersfield Narrow Canal Candidate Local Wildlife Site is approximately 325m to the north, Gledholt Woods Local Nature Reserve is approximately 855m north east and Beaumont Park, Huddersfield Local Geological Site is approximately 660m south of the site; therefore a minor negative effect on this SA objective may occur. Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negative effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	0	This site is on brownfield land and outside of flood zones 2 and 3; therefore a negligible effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on brownfield land; therefore there may be a minor positive effect on this objective.

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 31,693 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the significant positive effect.</p> <p>The co-location of employment and residential development, as well as new services and facilities, may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.</p>
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 3: education, 6: access to local services (part of a mixed effect) and 8: recreation and leisure, 9: housing, 10: sustainable transport and 11: land use. Significant negative effects were found in relation to objective 5: local amenity. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1904

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible. This site would incorporate both employment (commercial) and residential development; therefore a significant positive effect is likely.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment (commercial) development; therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	++?/--?	The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.

SA Objectives	SA Score	Justification
		<p>This site would incorporate residential development. Levels of access to education facilities vary throughout the site. The most accessible area is in the western area of the site which is within 11-15 minutes travel time to a primary and secondary school. The least accessible area is in the south eastern area of the site, which is over 60 minutes travel time to a primary and secondary school. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – significant positive for the western area of the site and significant negative for the lower southern area of the site.</p> <p>In addition, the proposals for the site include an ‘education’ use, which reinforces the significant positive part of the mixed effect.</p>
<p>4. Improve the health of local people and ensure that they can access the health and social care they need.</p>	<p>++/--</p>	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents’ health.</p> <p>This site would incorporate residential development. Levels of access to healthcare facilities vary throughout the site. The most accessible area is in the western area of the site which is within 11-15 minutes travel time to a GP and 16-20 minutes to a hospital. The least accessible area is in the south eastern area of the site, which is over 60 minutes travel time to a GP and hospital. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – significant positive for the western area of the site and significant negative for the south eastern area of the site. This site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees.</p>
<p>5. Protect local amenity including avoiding noise and light pollution.</p>	<p>--</p>	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>The A643 (Brighouse Road and the New Hey Road) is adjacent to the north western area of the site, which may result in noise pollution affecting residents in the longer term. A significant negative effect on this SA objective is therefore likely. There are also existing residential properties within 100m of the site to the north west, west and south, which may be affected by noise during the construction phase.</p>
<p>6. Retain and enhance access to local services and facilities.</p>	<p>++/--</p>	<p>Where development will incorporate residential provision, the location of the site could affect this objective by influencing people’s ability to access existing services and facilities.</p> <p>This site would incorporate residential development. Levels of access to local centres and access to town/district centres vary throughout the site. The most accessible area is in the west of the site, which is within 6-10 minutes of a local centre and a town/ centre. The least accessible area is in the south east of the site, which is over 60 minutes to local and town/ district centres. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – significant positive for the western area of the site and significant negative for the south eastern area of the site.</p>

SA Objectives	SA Score	Justification
		In addition, the proposals for the site include retail provision, which may increase the range of services and facilities available locally.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The development of this site would not involve the provision of new open space. There are a number of PRoWs that could be lost or disrupted as a result of the development although this is not yet known. However, there are also many areas of open space adjacent to the site and within 600m that could be used by residents, including a large area of woodland immediately to the east. An overall mixed (significant positive and potential significant negative) effect is therefore identified.
9. Ensure all people are able to live in a decent home which meets their needs.	++?	All of the mixed use sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively large (57.06 ha); therefore a significant positive effect is likely. The proposals for the site would include a care home which would help to ensure that appropriate housing is available for all, reinforcing the significant positive effect.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in all of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 25,412 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which reinforces the significant positive effect. Co-locating residential and employment (commercial) development, as well as retail uses, within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.
11. Secure the efficient and prudent use of land.	--	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively large site

SA Objectives	SA Score	Justification
		(57.06 ha) on mainly greenfield land; therefore a significant negative effect is likely. Most of this site is located on Grade 4 agricultural land, aside from a small area in the south west which is located on urban land.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (57.06 ha) on mainly on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site mainly lies in LCA E2: Barkisland-Holywell Green, as identified in the 2015 Landscape Character Assessment for Kirklees. This area comprises steeply rising land with frequent tree and woodland cover. It is an urban fringe landscape. Some areas retain a relative tranquil, rural character despite the proximity of urban development. Increasing urbanisation on the LCA's fringes creates a landscape of transition. The area has an important visual relationship with the National Park.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'orange' in terms of the potential for effects on eight Grade II Listed Buildings within this site. The loss of this area and its subsequent development could harm elements which contribute to the significance of these buildings. The effect on this SA objective is therefore uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	<p>Grimescar Wood Local Wildlife Site is adjacent to the eastern area of the site; therefore, a significant negative effect on this SA objective is likely. Elland Bypass Cutting SSSI is also 500m from the site.</p> <p>Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negative effect is recorded as uncertain.</p>
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and is outside of flood zones 2 and 3; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>This site is on greenfield land; therefore is likely to have a minor negative effect on this objective.</p>

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to all of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 25,412 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the significant positive effect.</p> <p>Co-locating residential and employment (commercial) development, as well as retail uses, within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot. It is also noted that proposals for this site include an eco-centre, which may have further positive effects on this SA objective depending on its nature.</p>
<p>Summary of SA findings: Significant positive effects were identified in relation to objectives 1: employment, 3: education (part of a mixed effect overall), 4: health (part of a mixed effect overall), 6: access to services (part of a mixed effect overall), 8: recreation and leisure, 9: housing, 10: sustainable transport and 19: climate change. Significant negative effects were identified in relation to objectives 3: education (part of a mixed effect overall), 4: health (part of a mixed effect overall), 5: local amenity, 6: access to services (part of a mixed effect overall), 11: land use, 12: landscape and 14: biodiversity and geodiversity. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1905

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This is a mixed use site which would incorporate both employment and residential development; therefore a significant positive effect is likely.</p>
2. Achieve an economy better capable of growth through	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision;

SA Objectives	SA Score	Justification
increasing investment, innovation and Entrepreneurship.		therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	+ +?/--?	<p>The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. Levels of access to education facilities vary throughout the site. The most accessible area is in the far northern area of the site which is within 5 minutes travel time to a primary school and 16-20 minutes of a secondary school. The least accessible area is in the south eastern area of the site, which is over 60 minutes travel time to a primary and secondary school. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – significant positive for the far northern area of the site and significant negative for the lower southern area of the site.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+/--	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. Levels of access to healthcare facilities vary throughout the site. The most accessible area is in the western area of the site which is within 11-15 minutes travel time to a GP and 41-45 minutes to a hospital. The least accessible area is in the south eastern area of the site, which is over 60 minutes travel time to a GP and hospital. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – minor positive for the western area of the site and significant negative for the south eastern area of the site. This site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees</p>
5. Protect local amenity including avoiding noise and light pollution.	-	Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term. There are residential properties within 100m of the site to the west and north, which may be affected by noise during the construction phase; therefore a minor negative effect is likely. The A653 Leeds Road is also within close proximity of the site to the west, which may mean that residents in that area are affected by road noise, although it is noted that there are existing properties between the road and this site.
6. Retain and enhance access to local services and facilities.	0/--	<p>Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development. Levels of access to local centres and access to town/ district centres vary throughout the site. The most accessible area is in the north western area of the site, which is within 11-15 minutes of a local centre and 21-25 minutes travel to a town/ centre. The least accessible area is in the south eastern area of the site, which is over 60 minutes to local and town/ district centres. Therefore, a mixed effect on this</p>

SA Objectives	SA Score	Justification
		objective is expected – negligible for the western area of the site and significant negative for the south eastern area of the site.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The mixed use development proposed for this site does not include new recreation facilities or open space. There are five PRoWs within the site, which could be disrupted or lost as a result of development. However this site is within 600m of other recreational facilities that could be used by residents, including an amenity greenspace, two outdoor sports facilities and a public park to the west of the site. Therefore, a mixed (significant positive and potential significant negative) effect on this objective is expected.
9. Ensure all people are able to live in a decent home which meets their needs.	++?	All of the potential mixed use sites that incorporate residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively large (184.32 ha); therefore a significant positive effect is likely. However, this is uncertain depending on what proportion of the mixed use site is used for housing as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	--/+	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was not classed as mostly or entirely 'green' in terms of its access to any of the eight features assessed. Therefore, a significant negative effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 13,827 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a minor positive effect is also likely.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively large site (184.32 ha) on mainly on greenfield land; therefore a significant negative effect is likely. Most of this site is located on Grade 3 agricultural land, aside from a small area in the west which is located on urban land.
12. Protect and enhance the character of Kirklees and the quality of the landscape and	--?	This is a relatively large site (184.32ha) on mainly on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.

SA Objectives	SA Score	Justification
townscape.		The site lies mainly in LCA E8: Batley-Dewsbury Rural Fringes, as identified in the 2015 Landscape Character Assessment for Kirklees. This comprises gently undulating land with varied tree cover. Urban expansion and associated land uses are spreading into the farmland landscape. Some areas still retain a relative sense of tranquillity and rural character, however increasing urbanisation creates a landscape of transition.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	Dunn Wood and Dogloitch Wood Local Wildlife Sites are adjacent to the eastern area of the site. Soothill Wood Local Wildlife Site is also 205m north west and Scargill Wood Local Wildlife Site is 69m to the north of the site; therefore a significant negative effect on this SA objective is likely. To the north east Haigh Wood Local Wildlife Site is also 840m, Haigh Hall Spring Wood North is 920m and Haigh Hall Spring Wood South IS 860m. Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negative effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land outside of flood zones 2 and 3; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land; therefore is likely to have a minor negative effect on this objective.

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	--/+	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was not classed as mostly or entirely 'green' in terms of its access to any of the eight features assessed. Therefore, a significant negative effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 13,827 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, meaning that a minor positive effect is also likely.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>

Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 3: education (part of a mixed effect), 8: recreation and leisure (part of a mixed effect) and 9: housing. Significant negative effects were identified in relation to objectives 3: education (part of a mixed effect), 4: health (part of a mixed effect), 6: access to local services (part of a mixed effect), 8: recreation and leisure (part of a mixed effect), 10: sustainable transport (part of a mixed effect), 11: land use, 12: landscape, 14: biodiversity and geodiversity and 19: climate change(part of a mixed effect) . These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.

MX1906

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This is a mixed use site which would only incorporate employment (retail and commercial) development; therefore a minor positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth.</p> <p>This site would incorporate employment provision (retail and commercial uses); therefore a minor positive effect is likely.</p>

SA Objectives	SA Score	Justification
3. Ensure education facilities are available to all.	0	This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely. The site is not within or adjacent to either of the two AQOMAs that have been declared in Kirklees.
5. Protect local amenity including avoiding noise and light pollution.	-	Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. There are existing residential properties in close proximity to the east, north and west of the site which may be affected by noise during the construction phase. Therefore, a minor negative effect on this SA objective is likely.
6. Retain and enhance access to local services and facilities.	++	This site would incorporate retail development and therefore would result in the provision of new services and facilities and a significant positive effect is likely.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+/--?	The mixed use development proposed for this site does not include new recreation facilities or open space. There is a local cycle route within the site, which could be disrupted or lost as a result of development. However, there are other facilities nearby that could be used by employees at the site, including another local cycle path 75m south east of the site, a national cycle route 360m north east, and a PRoW to the east and north. Other facilities include seven civic sites to the south, three semi-natural and natural greenspaces, four outdoor sports facilities and a public park in the west and an outdoor sports facility, two allotments and an area of semi-natural greenspace to the north. Therefore, a mixed effect (minor positive and potentially significant negative) is likely.
9. Ensure all people are able to live in a decent home which meets their needs.	0	This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. However, the proposals for this site do not include residential development. Where sites would incorporate employment development, effects will be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. This site is proposed for retail and

SA Objectives	SA Score	Justification
		commercial uses and the accessibility heat mapping work that was undertaken for Kirklees Council showed that 94,134 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a significant positive effect is likely.
11. Secure the efficient and prudent use of land.	+	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively small site (2.43 ha) and on brownfield land; therefore there is likely to be a minor positive effect on this objective.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	This is a relatively small site (2.43 ha) on brownfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park. The site lies in an area classed as 'urban' in the 2015 Landscape Character Assessment for Kirklees.
13. Conserve and enhance the historic environment, heritage assets and their settings.	-?	Historic England has rated this site as 'yellow' in terms of the potential for effects on Grade II* Listed buildings at Kirklees College and other Grade II Listed Buildings in the streets surrounding this site. Therefore development of the site is likely to result in a minor negative effect upon designated heritage asset. Although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	Gledholt Woods Local Nature Reserve is approximately 675m to the west and there are three sections of the Huddersfield Narrow Canal Candidate Wildlife Site are approximately 62 m south west, 910m south east and 795m to the east of the site; therefore a minor negative effect on this SA objective is likely. Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negative effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	0	This site is on brownfield land and is outside of flood zones 2 and 3; therefore a negligible effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on brownfield land; therefore a minor positive effect is likely on this SA objective.

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site is not proposed for residential uses.</p> <p>The site would incorporate retail/commercial development and the heatmapping work undertaken for Kirklees Council has shown that 94,134 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a significant positive effect is likely.</p>
<p>Summary of SA findings: A significant positive effect was identified in relation to SA objective 6: services and facilities, 10; sustainable transport and 19: climate change. A potential significant negative effect was identified in relation to objective 8: recreation and leisure (part of an overall mixed effect). This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1907

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	0	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This mixed use site is proposed for a mixture of residential, retail and leisure uses but does not include employment provision (while retail and leisure uses may generate some jobs, the number is likely to be small). Therefore, a negligible effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	0	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This mixed use site is proposed for a mixture of residential, retail and leisure uses but does not include employment provision (which retail and leisure uses may generate some jobs, the number is likely to be small). Therefore, a negligible effect is likely.
3. Ensure education facilities are available to all.	++?	The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.

SA Objectives	SA Score	Justification
		This site would incorporate residential development. The site is within 5 minutes travel time to a primary school and 16-20 minutes travel time to a secondary school; therefore a significant positive effect is expected for this SA objective. This site is also within 30 minutes travel time to a further education institute.
4. Improve the health of local people and ensure that they can access the health and social care they need.	+	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. This site is within 6-10 minutes travel time to a GP and 31-35 minutes travel time to a hospital; therefore a minor positive effect is expected. This site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There is an industrial site within 100m of the site to the north which may result in noise pollution affecting residents in the longer term. A significant negative effect on this SA objective is therefore likely. There are also a number of residential properties within 100m to the south and west which may be affected by noise during the construction phase.</p>
6. Retain and enhance access to local services and facilities.	++	<p>Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development. This site is within 5 minutes travel time of a local centre and 11-15 minutes travel time to a town/district centre; therefore a significant positive effect is expected. The proposals for the site also include retail and leisure uses which may improve the range of facilities available to local people, reinforcing the significant positive effect.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++	The mixed use development proposed for this site does not include new recreation facilities or open space. However, there are other facilities nearby that could be used by residents at the site, including a recreation ground to the north and a number of other areas of open space. Therefore, a significant positive effect is likely.
9. Ensure all people are able to live in a decent home which meets their needs.	+?	All of the potential mixed use sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively small (0.46 ha); therefore a minor

SA Objectives	SA Score	Justification
		positive effect is likely. However, this is uncertain depending on what proportion of the mixed use site is used for housing as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. This site is not proposed for employment uses.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to seven of the eight features assessed. Therefore, a significant positive effect is likely.</p>
11. Secure the efficient and prudent use of land.	+	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This site is relatively small (0.46 ha) on mainly on brownfield land; therefore a minor positive effect is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	<p>This site is relatively small (0.46 ha) on mainly on brownfield land; therefore development here could have a minor positive effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in an area classed as 'industrial/business parks' in the 2015 Landscape Character Assessment for Kirklees.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0?	<p>This site is not within 1km of any designated biodiversity or geodiversity sites; therefore a negligible effect on this SA objective is likely.</p> <p>Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negligible effect is recorded as uncertain.</p>
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	0	This site is on brownfield land and outside of flood zones 2 and 3; therefore a negligible effect is likely.
17. Increase prevention, re-use,	+?	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing

SA Objectives	SA Score	Justification
recovery and recycling of waste close to source.		buildings and materials although this is uncertain depending on the previous use of the site. This site is on brownfield land; therefore is likely to have a minor positive effect on this objective.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to seven of the eight features assessed. Therefore, a significant positive effect is likely.
Summary of SA findings: Potential significant positive effects were identified in relation to objectives 3: education, 6: access to local services, 8: recreation and leisure, 10: sustainable transport and 19: climate change. A significant negative effect was identified in relation to objective 5: amenity. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

MX1908

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	0	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible. This site would not incorporate employment development; therefore a negligible effect is likely.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	0	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would not incorporate employment development; therefore a negligible effect is likely.
3. Ensure education facilities are available to all.	+?	The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage. This site would incorporate residential development. Most of this site is within 11-15 minutes travel time to a primary school and approximately half of this site is within 16-20 minutes travel time to a secondary school, while the other half is within 21-25 minutes. Therefore a minor positive effect is likely.
4. Improve the health of local people and ensure that they can	+	The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive

SA Objectives	SA Score	Justification
access the health and social care they need.		effects on residents' health. This site would incorporate residential development. Most of this site is within 6-10 minutes travel time (aside from the southern area which is within 5 minutes). Most of this site is also within 51-55 minutes travel time (aside from the western area which is in 46-50 minutes). Therefore a minor positive effect is likely. The site may also incorporate a country park which may have further positive effects on health by offering opportunities for active outdoor recreation.
5. Protect local amenity including avoiding noise and light pollution.	--	Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term. The A625 (Bradford Road) is adjacent to the southern area of the site, which may result in noise pollution affecting residents in the longer term. A significant negative effect on this SA objective is therefore likely. There are also residential properties within 100m of the site to the east and south, which may be affected by noise during the construction phase.
6. Retain and enhance access to local services and facilities.	+	Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities. This site would incorporate residential development. Most of this site is within 16-20 minutes travel time to a local centre and most of this site is also within 11-15 minutes travel time; therefore a minor positive effect is likely.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	This is a fragmented site and the northern part of the site is located within a public park, which could be lost as a result of development. However, as the proposals for the site include the provision of a Country Park as Strategic Green Infrastructure, a significant positive effect is also likely (it is not clear if this would be in the same location as the existing public park; therefore there is uncertainty attached to both scores).
9. Ensure all people are able to live in a decent home which meets their needs.	+?	All of the potential mixed use sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively small (3.80ha); therefore a minor positive effect is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of	++	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable

SA Objectives	SA Score	Justification
transport.		transport modes. This site is not proposed for employment uses. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as entirely 'green' in terms of its access in six of the eight features assessed. Therefore, a significant positive effect is likely. The site is not proposed for employment development.
11. Secure the efficient and prudent use of land.	-	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This site is relatively small (3.80ha) on mainly on greenfield land; therefore a minor negative effect is likely. Most of this site is on land designated as Grade 3 agricultural quality, while the eastern area is on land designated as urban.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	This site is relatively small (3.80 ha) on mainly on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park. The site lies in LCA G11: Batley Fringe Incised Valleys, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a landscape of discrete, small scale tributary valleys with some significant bands of broadleaved riparian woodland. Although mostly undeveloped, there is a strong urban influence, particularly in close proximity to main roads.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+	This is a fragmented site and the smaller fragment in the north incorporates a small part of Oakwell Park Local Nature Reserve. Oakwell Park Nature reserve is also adjacent to the smaller fragment of this site in the north, east and west and approximately 10m north of the larger southern fragment of the site; therefore a significant negative effect on this SA objective may occur. However, the site is also proposed to include a country park which may have a minor positive effect on biodiversity as a result of habitat creation; therefore the likely effect is mixed overall.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and outside of flood zones 2 and 3; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land so is likely to have a minor negative effect on this objective.

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as entirely 'green' in terms of its access in six of the eight features assessed. Therefore, a significant positive effect is likely. The site is not proposed for employment development.</p>
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 8: recreation and leisure, 10: sustainable transport and 19: climate change. Significant negative effects were identified in relation to objectives 5: local amenity, 8: recreation and leisure and 14: biodiversity and geodiversity. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1909

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible. This is a mixed use site which would incorporate both employment and residential development; therefore a significant positive effect is likely.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision; therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	++?	<p>The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. The site is within 11-15 minutes travel time to a primary school and secondary school, aside from a small area in the north which is 16-20 minutes and a very small area in the far north western edge which is within 21-25 minutes to a secondary school. Therefore, a significant positive effect is expected for this SA objective. Most of this site is also within 30 minutes travel time to a further education institute,</p>

SA Objectives	SA Score	Justification
		aside from the far north western edge which is 31-35 minutes.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. Levels of access to healthcare facilities vary throughout the site. The most accessible area is in the far northern area of the site which is within 11-15 minutes travel time to a GP and 41-45 minutes to a hospital. The least accessible area is in the central area of the site, which is within 11-15 minutes travel time to a GP and over 60 minutes to a hospital. In between journey times, vary between these two extremes. However, overall a minor positive effect is expected for the whole site. This site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There is an industrial site within 100m of the site to the west, which may result in noise pollution affecting residents in that part of the site. A significant negative effect on this SA objective is therefore likely. There are also a number of residential properties within 100m to the south which may be affected by noise during the construction phase.</p>
6. Retain and enhance access to local services and facilities.	+	<p>Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development but not services/facilities. Most of this site is within 21-25 minutes travel time to a local centre (aside from the north central area which is 26-30 minutes). This site is also within 11-15 minutes travel time to a town/district centre; therefore a minor positive effect is expected.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+ +/--?	The development of this site would result in the provision of an allotment site, which would have a significant positive effect on encouraging outdoor activity. However, there is an existing PRoW located in the northern area of the site which may be disrupted or lost as a result of the development; therefore overall a mixed effect is likely (significant positive and potential significant negative).
9. Ensure all people are able to live in a decent home which meets their needs.	+?	All of the potential mixed use sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments would include an appropriate proportion of affordable housing. This site is relatively small (1.59 ha); therefore a

SA Objectives	SA Score	Justification
		minor positive effect is likely. However, this is uncertain depending on what proportion of the mixed use site is used for housing as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 13,309 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore reinforcing a positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	+	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This site is relatively small (1.59 ha) on mainly on brownfield land; therefore a minor positive effect is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	<p>This site is relatively small (1.59 ha) on mainly on brownfield land; therefore development here could have a minor positive effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA F5: Holme & Hall Dyke (Holmfirth & Meltham), as identified in the 2015 Landscape Character Assessment for Kirklees. This landscape comprises steep incised valleys associated with the upper parts of River Holme and its tributaries. Mixed semi-natural woodlands are found along the waterways and on the steepest slopes of the valleys. There are contrasting levels of tranquillity throughout the LCA, influenced by proximity to development and roads. Perceptions of tranquillity and remoteness are greatest on the fringes of the National Park.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	<p>A small section of Honley Wood Candidate Wildlife site is within the northern area of the site and is also adjacent to the eastern area of the site. Therefore, a significant negative effect is likely. Folly Dolly Falls, Meltham Local Geological Site is also approximately 500m to the north of the site.</p> <p>Given that development may present opportunities to include habitat connectivity measures through the provision of</p>

SA Objectives	SA Score	Justification
		green infrastructure etc. this negative effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	0	This site is on brownfield land and outside of flood zones 2 and 3; therefore a negligible effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on brownfield land; therefore a minor positive effect on this objective is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 13,309 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, therefore reinforcing the significant positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 3: education, 8: recreation and leisure (part of a mixed effect), 10: sustainable transport and 19: climate change. Significant negative effects were identified in relation to objectives 5: local amenity, 8: recreation and leisure (part of a mixed effect) and 14: biodiversity and geodiversity. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1911

SA Objectives	SA Score	Justification
1: Increase the number and range	++	The provision of new employment development within a mixed use site in any location is likely to have a positive

SA Objectives	SA Score	Justification
of employment opportunities available for local people, and ensure that they are accessible.		<p>effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This is a mixed use site would incorporate both employment and residential development; therefore a significant positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision; therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	++?/-?	<p>The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. Levels of access to education facilities vary throughout the site. The most accessible area is in the far north eastern area of the site which is within 11-15 minutes travel time to a primary school and 16-20 minutes of a secondary school. The least accessible area is in the central area of the site, which is 26-30 minutes travel time to a primary and 51-55 minutes travel time to a secondary school. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – significant positive for the far north eastern area of the site and minor negative for the central area of the site.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	++/-	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. Levels of access to healthcare facilities vary throughout the site. The most accessible area is in the far north eastern area of the site which is within 6-10 minutes travel time to a GP and 11-15 minutes to a hospital. The least accessible area is in the central area of the site, which is 31-35 travel time to a GP and a hospital. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – significant positive for the north eastern area of the site and minor negative for the central area of the site. This site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>The A643 (Lindley Moor Road) is adjacent to the northern area of the site, which may result in noise pollution affecting residents in that part of the site. A significant negative effect on this SA objective is therefore likely. There are also existing residential properties surrounding the site to the east, west and south, which may be affected by</p>

SA Objectives	SA Score	Justification
		noise during the construction phase.
6. Retain and enhance access to local services and facilities.	+/--	Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities. This site would incorporate residential development but not new services and facilities. Levels of access to local centres and access to town/ district centres vary throughout the site. The most accessible area is in the north eastern area of the site, which is within 6-10 minutes of a local centre and a town/ district centre. The least accessible area is in the central area of the site, which is within 31-35 minutes travel time to a local and town/ district centres. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – minor positive for the north eastern area of the site and significant negative for the central area of the site.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+ +/--?	There are two semi-natural and natural greenspaces in the north eastern area and in the south in addition to two PRow, which could be disrupted or lost as a result of development. However, this site is within 600m of other local facilities that could be used by residents, including three outdoor sports facilities, the closest being immediately adjacent to the western area, several PRow to the north, five public parks, two allotment sites, two amenity greenspaces and seven semi-natural and natural greenspaces. Therefore a mixed effect (significant positive and potential significant negative) is likely.
9. Ensure all people are able to live in a decent home which meets their needs.	+ +?	All of the potential mixed use sites that would include residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively large (37.97ha); therefore a significant positive effect is likely. However, this is uncertain depending on what proportion of the mixed use site is used for housing as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to two of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 18,132 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a reinforcing the positive effect. Co-locating residential and employment development within the site may also mean that there are good opportunities

SA Objectives	SA Score	Justification
		for people to live and work in close proximity and therefore to commute on foot.
11. Secure the efficient and prudent use of land.	--	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This site is relatively large (37.97 ha) on mainly on greenfield land; therefore a significant negative effect is likely. Most of this site is on land classified as grade 4 agricultural quality aside from the far south western area which is on urban land.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This site is relatively large (37.97ha) on mainly on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in LCA E2: Barkisland-Holywell Green, as identified in the 2015 Landscape Character Assessment for Kirklees. This area comprises steeply rising land with frequent tree and woodland cover. It is an urban fringe landscape. Some areas retain a relative tranquil, rural character despite the proximity of urban development. Increasing urbanisation on the LCA's fringes creates a landscape of transition. The area has an important visual relationship with the National Park.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'orange' in terms of the potential for effects on an eighteenth Century guide stoop which is a Grade II* Listed Building to the north-eastern corner of this site. There are also potential effects on the Grade II Listed Buildings; Haigh Cross on the eastern boundary, the boundary stone outside Peat Ponds Farm and Crosland Road Farmhouse at the south-eastern edge of this site. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	<p>Old Lindley Moor, Huddersfield Local Geological Site is within 225m west of the site; therefore a significant negative effect is possible. Longwood Edge Quarry, Huddersfield Local Geological Site is also 660m south west of this site.</p> <p>Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negative effect is recorded as uncertain.</p>
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and outside of flood zones 2 and 3; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>This site is on greenfield land ; therefore is likely to have a minor negative effect on this objective.</p>

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to two of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 18,132 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, therefore reinforcing a minor positive effect..</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 3: education (part of a mixed effect), 4: health (part of a mixed effect), 8: recreation and leisure (part of a mixed effect) and 9: housing. Significant negative effects were identified in relation to objectives 5: local amenity, 6: access to local services (part of a mixed effect), 8: recreation and leisure (part of a mixed effect), 11: land use, 12: landscape character and 14: biodiversity and geodiversity. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1912

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This is a mixed use site which would incorporate both employment and residential development; therefore, a significant positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision; therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	++?	The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new

SA Objectives	SA Score	Justification
		places are provided as part of the new development, which is unknown at this stage. This site would incorporate residential development. Most of this site is within 6-10 minutes travel time to a primary school and 16-20 minutes of a secondary school (aside from the southern edge which is within 21-25 minutes). Therefore a significant positive effect is expected.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-	The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health. This site would incorporate residential development. Most of this site is within 16-20 minutes travel time to GP, aside from the south western area which is within 21-25 minutes and the whole site is over 60 minutes travel time to a hospital; therefore a minor positive effect is likely. This site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees
5. Protect local amenity including avoiding noise and light pollution.	-	Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term. There are existing residential properties within 100m of the site to the east and south, which may be affected by noise during the construction phase; therefore a minor negative effect is likely.
6. Retain and enhance access to local services and facilities.	0	Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities. This site would incorporate residential development. Most of this site is within 6-10 minutes travel time to a local centre (aside from the western area which is 11-15 minutes). This site is also within 16-20 minutes travel time to a town/district centre; therefore a negligible effect is expected.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+ +/--?	The mixed use development proposed for this site does not include new recreation facilities or open space. There is an amenity greenspace and a PRoW within the site, which could be disrupted or lost as a result of development. However this site is within close proximity of a number of other facilities that could be used by residents, including another amenity greenspace and semi-natural and natural greenspace to the north west, two semi-natural and natural greenspaces and a park and garden containing provision for children and young people to the south and four outdoor sports facilities. Therefore, a mixed effect on this objective is expected (significant positive and potential significant negative).
9. Ensure all people are able to live	+ +?	All of the potential mixed use sites that would include residential development are expected to have positive effects on

SA Objectives	SA Score	Justification
in a decent home which meets their needs.		this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively large (5.20 ha); therefore a significant positive effect is likely. However, this is uncertain depending on what proportion of the mixed use site is used for housing as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to three of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 9,426 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore reinforcing a minor positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively large site (5.20 ha) on mainly on greenfield land; therefore a significant negative effect is likely. This site is located on Grade 4 agricultural land.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (5.20 ha) on mainly on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA G8: Holme River Valley, as identified in the 2015 Landscape Character Assessment for Kirklees. This is the main valley of the River Holme, and it is a densely settled landscape. It is generally low lying and enclosed, with frequent deciduous woodland along watercourses and on the steeper slopes.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	<p>Morton Wood Local Wildlife Site is approximately 285m to the south west and Rakes Wood Local Wildlife Site is approximately 590m south of the site; therefore a minor negative effect is likely for this SA objective.</p> <p>Given that development may present opportunities to include habitat connectivity measures through the provision of</p>

SA Objectives	SA Score	Justification
		green infrastructure etc. this negative effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	--	This site is on greenfield land and includes an area of flood zone 3a; therefore a significant negative effect is likely as the site would include residential development.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land; therefore a minor negative effect on this objective is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to three of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 9,426 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the minor positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 3: education, 8: recreation and leisure (part of a mixed effect) and 9: housing. Significant negative effects were identified in relation to objectives 8: recreation and leisure (part of a mixed effect), 11: land use, 12: landscape and 16: flooding. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1913

SA Objectives	SA Score	Justification
1: Increase the number and	++	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on

SA Objectives	SA Score	Justification
range of employment opportunities available for local people, and ensure that they are accessible.		<p>this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would incorporate both employment and residential development; therefore a significant positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site would incorporate employment provision; therefore a minor positive effect is likely for this objective.</p>
3. Ensure education facilities are available to all.	+?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. The majority of the site is within 6-10 minutes travel time of the nearest primary school and within 31-35 minutes of the nearest secondary school. Therefore a minor positive effect is likely for this objective. The site is also within 30 minutes travel time of the nearest further education institute.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. The majority of the site is within 6-10 minutes of the nearest GP (with an area in the south west within 5 minutes) and within 41-45 minutes of the nearest hospital. Therefore a minor positive effect is likely for this objective. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties in close proximity to the south and east of the site, and these residents could experience noise and light pollution during construction of the site. Therefore, a minor negative effect on this SA objective is likely.</p>
6. Retain and enhance access to local services and facilities.	+	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development but not new services and facilities. The majority of the site is within</p>

SA Objectives	SA Score	Justification
		6-10 minutes travel time of the nearest local centre (with the western corner within 11-15 minutes) and within 5 minutes of the nearest town/district centre (with the western corner within 6-10 minutes). Therefore, a minor positive effect is considered likely for this objective.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the <u>location</u> of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The mixed use development proposed for this site does not include new recreation facilities or open space. There are two PRoW footpaths within the site which could be lost or disrupted as a result of mixed use development. However, there are also a number of other facilities nearby that could be used by residents - to the south of the site within 510m are four areas of allotments, three children's play areas, an area of park and gardens, three areas of semi-natural and natural greenspace and a golf course. In addition, approximately 440m to the west of the site is an area of private playing fields which contain a multi-use games area and is adjacent to a private bowling green and public playing fields. There is a National Cycle Route within 15m north of the site and there are also a number of PRoW footpaths within 600m to the north and east of the site. Therefore, a mixed (significant positive and potentially significant negative) effect is likely for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+?	All of the potential mixed sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing. This site is relatively small (3.81ha); therefore a minor positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 12,528 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which reinforces the positive effect. Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.

SA Objectives	SA Score	Justification
11. Secure the efficient and prudent use of land.	-	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively small site (3.81ha) and the majority of the site is on greenfield land; therefore a minor negative effect on this SA objective is likely. The site is not within an area of high quality agricultural land.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	This is a relatively small site (3.81ha) and the majority of the site is on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park. The site lies in LCA F5: Holme & Hall Dyke (Holmfirth & Meltham), as identified in the 2015 Landscape Character Assessment for Kirklees. This landscape comprises steep incised valleys associated with the upper parts of River Holme and its tributaries. Mixed semi-natural woodlands are found along the waterways and on the steepest slopes of the valleys. There are contrasting levels of tranquillity throughout the LCA, influenced by proximity to development and roads. Perceptions of tranquillity and remoteness are greatest on the fringes of the National Park.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	The site is approximately 30m from Folly Dolly Falls, Meltham Local Geological Site, approximately 190m from Honley Wood Local Wildlife Site, approximately 420m from Hall Hayes Wood Local Wildlife Site and 935m from Bank Wood Local Wildlife Site. Therefore, a significant negative effect is likely. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	--	The majority of this site is on greenfield land and is outside flood zone 3b although there is an area of flood zone 3a within the site. As the site would incorporate residential development, a significant negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. The majority of this site is on greenfield land; therefore a minor negative effect is likely.

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 12,528 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect.</p> <p>The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.</p>
<p>Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 8: leisure and recreation (part of a mixed effect overall), 10: sustainable transport and 19: climate change. Potential significant negative effects were identified in relation to SA objectives 8: leisure and recreation (part of a mixed effect overall), 14: biodiversity and geodiversity and 16 (flooding). These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1914

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would incorporate both employment and residential development; therefore a significant positive effect is considered likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site would incorporate employment provision; therefore a minor positive effect is likely for this objective.</p>

SA Objectives	SA Score	Justification
Entrepreneurship.		
3. Ensure education facilities are available to all.	+ +?/--?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and levels of access to education facilities vary across the site. The most accessible area is in the lower western boundary area of the site, which is within 6-10 minutes travel times to a primary school and secondary school. The least accessible area is the north of the site, which is over 60 minutes travel time to a primary and secondary school. Travel times to education facilities vary in between these two extremes. Therefore, overall, a mixed effect is expected- significant positive for the lower western boundary area and significant negative effect for the northern area of the site.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+/--	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and levels of access to healthcare facilities vary across the site. The most accessible area is in the lower western boundary area of the site, which is within 6-10 minutes travel time to a GP and within 31-35 minutes of a hospital. The least accessible area is the north of the site, which is over 60 minutes travel time to a GP and hospital. Travel times to healthcare facilities vary in between these two extremes. Therefore, overall, a mixed effect is expected- minor positive for the lower western boundary area and significant negative effect for the northern area of the site. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties in close proximity to the north and south of the site, and these residents could experience noise and light pollution during construction of the site. In addition, there is an industrial area immediately to the west of the site which may result in noise pollution affecting residents in the longer-term. Therefore a significant negative effect on this SA objective is likely.</p>
6. Retain and enhance access to local services and facilities.	+/--	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development but not new services and facilities. Journey times to existing services and facilities vary across the site. The most accessible area is in the lower south-eastern area of the site, which is within 6-10 minutes travel times to a local centre and within 11-15 minutes travel time to a town/district centre. The least</p>

SA Objectives	SA Score	Justification
		accessible area is the north of the site, which is over 60 minutes travel time to a local centre and town/district centre. Travel times to town, local/district centres vary in between these two extremes. Therefore, overall, a mixed effect is expected- minor positive for the lower south-eastern area and significant negative effect for the northern area of the site.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The proposed mixed use development for this site does not include new recreation facilities or open space. This site contains a Public Right of Way (PRoW), which could be lost or disrupted as a result of mixed use development. However, there are a number of other facilities nearby that could be used by residents - the site is within 600m of several PRoW, including a bridleway, to the north of the site. Greenspace designations nearby include one green corridor, two park and gardens, two amenity greenspaces and one semi-natural and natural greenspace. However, the semi-natural and natural greenspace is within a housing site option and therefore could be lost as a result of development. Other facilities nearby include three sites containing provision for children and young people and six outdoor sports facilities. Therefore, a mixed (significant positive and potential significant negative) effect is likely for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	++?	All of the potential mixed sites are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include residential development that will include an appropriate proportion of affordable housing. This site is relatively large (12.12ha); therefore a significant positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in one of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 10,373 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which reinforces the positive effect. Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.
11. Secure the efficient and	--	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land

SA Objectives	SA Score	Justification
prudent use of land.		<p>than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (12.12ha) and the majority of the site is on greenfield land; therefore a significant negative effect on this SA objective is likely. The majority of the site is also within an area of high quality agricultural land (the land is classed as grade 3) with an area in the south classed as urban.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (12.12ha) and the majority of the site is on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in LCA G11: Batley Fringe Incised Valleys, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a landscape of discrete, small scale tributary valleys with some significant bands of broadleaved riparian woodland. Although mostly undeveloped, there is a strong urban influence, particularly in close proximity to main roads.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	The site is approximately 535m from Hunsworth Great Wood and Little Wood Local Wildlife Site and approximately 775m from Hanging Wood Local Wildlife Site. Therefore, a minor negative effect is likely. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	The majority of this site is on greenfield land and the site is outside of flood zones 3a and 3b; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>The majority of this site is on greenfield land; therefore a minor negative effect is likely.</p>

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in one of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 10,373 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect.</p> <p>The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.</p>
<p>Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 3: education (part of a mixed effect overall) and 8: leisure and recreation (part of a mixed effect overall). Potential significant negative effects were identified in relation to SA objectives 3: education (part of a mixed effect overall), 4: healthcare facilities (part of a mixed effect overall), 5: amenity, 6: leisure and recreation (part of a mixed effect overall), 8: leisure and recreation (part of a mixed effect overall) 11: use of land and 12: landscape. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1915

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	0	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site does not incorporate employment development; therefore a negligible effect is considered likely. While some jobs would be created in the retail development, this is likely to be a small number.</p>
2. Achieve an economy better capable of growth through increasing	0	The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.

SA Objectives	SA Score	Justification
investment, innovation and Entrepreneurship.		This site does not incorporate employment provision; therefore a negligible effect is likely for this objective. While some economic benefits would be achieved by the retail development, this is likely to be limited.
3. Ensure education facilities are available to all.	++?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. The site is within 6-10 minutes travel time of a primary school and 11–15 of a secondary school. It is also within 16-20 minutes of a further education institute. Overall the site is therefore likely to have a significant positive effect.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. This site is within 6-10 minutes travel time of a GP and within 46-50 minutes of a hospital; therefore a minor positive effect is likely. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties in close proximity to the east and west of the site, and these residents could experience noise and light pollution during construction of the site. In addition, there is an industrial area immediately to the north of the site which may result in noise pollution affecting residents in the longer-term. Therefore a significant negative effect on this SA objective is likely.</p>
6. Retain and enhance access to local services and facilities.	++	This site would incorporate retail development and therefore would result in the provision of new services and facilities and a significant positive effect is likely.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their	++	The proposed mixed use development for this site does not include new recreation facilities or open space. However, there are a number of existing facilities nearby that could be used by residents. The site is adjacent to a cricket ground. To the south of the site there are two areas with provision for children and young people within 300m of the site and an allotment within 250m. There are also three parks and gardens within 600m south of the site and a bridleway runs adjacent to the southern boundary of the site. In addition, a number of PRow footpaths are within 600m to the south,

SA Objectives	SA Score	Justification
usage.		north and east of the site. A significant positive effect is therefore likely.
9. Ensure all people are able to live in a decent home which meets their needs.	+?	<p>All of the potential mixed sites that incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.</p> <p>This site is relatively small (1ha); therefore a minor positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to retail development.</p>
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as entirely 'green' in terms of its access in seven of the eight features assessed. Therefore, a significant positive effect is likely. The site is not proposed for employment development – although the retail development would create some jobs, this is likely to be a small number.</p>
11. Secure the efficient and prudent use of land.	-	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively small site (1ha) and is on greenfield land; therefore a minor negative effect on this SA objective is likely. The majority of the site is also within an area of high quality agricultural land (the land is classed as grade 3).</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	<p>This is a relatively small site (1ha) and is on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA G10: River Dearne Valley, as identified in the 2015 Landscape Character Assessment for Kirklees. This LCA comprises relatively broad valleys with a high level of broadleaved woodland cover. The main valley floor is densely settled and has a peri-urban feel, while the tributary sections of the LCA are generally more tranquil and rural and are only crossed by minor roads.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to	-?	The site is approximately 970m from Cliffe Woods Park Quarry, Clayton West Local Geological Site; therefore, a minor

SA Objectives	SA Score	Justification
protect and enhance biodiversity and geodiversity.		negative effect is likely. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	--	This site is on greenfield land and the northern half of the site is within flood zones 2 and 3a; therefore a significant negative effect is likely as the site would incorporate residential development.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land; therefore a minor negative effect is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such as the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as entirely 'green' in terms of its access in seven of the eight features assessed. Therefore, a significant positive effect is likely. The site is not proposed for employment development – although the retail development would create some jobs, this is likely to be a small number.
Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 3: education, 6: local services and facilities, 8: leisure and recreation, 10: sustainable transport and 19: climate change. Potential significant negative effects were identified in relation to SA objectives 5: amenity and 16: flood risk. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

MX1918

SA Objectives	SA Score	Justification
1: Increase the number and	++	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on

SA Objectives	SA Score	Justification
range of employment opportunities available for local people, and ensure that they are accessible.		<p>this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would incorporate both employment and residential development; therefore a significant positive effect is considered likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site would incorporate employment provision; therefore a minor positive effect is likely for this objective.</p>
3. Ensure education facilities are available to all.	+?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and levels of access to education facilities vary across the site. The most accessible part of the site is the north which is within 5 minutes from the nearest primary school and within 26-30 minutes of secondary school. The least accessible part of the site is the east which is within 11-15 minutes travel time from a primary school and within 31-35 minutes of a secondary school. In between, journey times to education facilities vary between those two extremes. Overall a minor positive effect is considered likely for this objective.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+/0	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and levels of access to healthcare facilities vary across the site. The most accessible part of the site is a small area on the western boundary, which is within 11-15 minutes travel time to a GP and within 36-40 minutes of a hospital. The least accessible area is the north east of the site, which is within 21-25 minutes travel time to a GP and within 41-45 minutes of a hospital. Travel times to healthcare facilities vary in between these two extremes. Overall, a mixed effect is expected - minor positive for the area on the western boundary and negligible for the north east. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties in close proximity to the west of the site, and these residents could experience noise and light pollution during construction of the site. In addition, the site is adjacent to the M606 motorway</p>

SA Objectives	SA Score	Justification
		which may result in noise pollution affecting residents in the longer-term. Therefore a significant negative effect is on this SA objective is likely.
6. Retain and enhance access to local services and facilities.	0	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development but not new services and facilities. The majority of the site is within 11-15 minutes travel time of the nearest local centre (with two small areas in the west within 6-10 minutes) and within 16-20 minute of the nearest town/district centre (with an area in the north east within 21-25 minutes). Therefore a negligible effect is likely for this objective.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The proposed mixed use development for this site does not include new recreation facilities or open space. A PRoW runs through the north east corner of this site and this could be lost or disrupted as a result of mixed use development. There are a number of existing facilities nearby that could be used by residents - approximately 150m to the west of the site is a golf course and approximately 415m south are a cricket ground, rugby ground and private bowling green. In addition, approximately 145m north of the site is an area of semi-natural and natural greenspace. However, all of these areas of open space are separated from the site by the M606 and the M62 motorways making them less easily accessible and there does not appear to be any access paths that lead to the open space. There are, however, a number of PRoWs within 600m to the east, north east and south east of the site which is more easily accessible. Therefore, a mixed (minor positive and potentially significant negative) effect is likely for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	++?	<p>All of the potential mixed sites that incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.</p> <p>This site is relatively large (23.06ha); therefore a significant positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.</p>
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as entirely 'green' in</p>

SA Objectives	SA Score	Justification
		<p>terms of its access in four of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment development and the heatmapping has shown that 3,626 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (23.06ha) and the majority of the site is on greenfield land; therefore a significant negative effect on this SA objective is likely. The majority of the site is also within an area of high quality agricultural land (the land is classed as grade 3) with a tiny area in the north classed as urban.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (23.06ha) and the majority of the site is on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in LCA G11: Batley Fringe Incised Valleys, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a landscape of discrete, small scale tributary valleys with some significant bands of broadleaved riparian woodland. Although mostly undeveloped, there is a strong urban influence, particularly in close proximity to main roads.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	<p>Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.</p>
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	<p>A small part of this site encroaches into the Hanging Wood Local Wildlife Site, approximately 145m from Hunsworth Great Wood and Little Wood Local Wildlife Site and approximately 240m from Cockleshaw Wood Local Wildlife Site. Therefore, a significant negative effect is likely. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.</p>
15. Reduce air, water and soil pollution.	0	<p>This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.</p>
16. Prevent inappropriate new development in flood risk areas and ensure	--	<p>This site is on greenfield land and the eastern part of the site is within flood zones 2 and 3a; therefore a significant negative effect is likely as the site would incorporate residential development.</p>

SA Objectives	SA Score	Justification
development does not contribute to increased flood risk for existing property and people.		
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land; therefore a minor negative effect is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as entirely 'green' in terms of its access in four of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping showed that 3,626 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect. The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.
Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 8: leisure and recreation (part of a mixed effect overall), 9: affordable housing, 10: sustainable transport and 19: climate change. Potential significant negative effects were identified in relation to SA objectives 5: amenity, 8: leisure and recreation (part of a mixed effect overall), 11: use of land, 12: character, 14: biodiversity and geodiversity and 16: flooding. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

MX1919

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for	++	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have

SA Objectives	SA Score	Justification
local people, and ensure that they are accessible.		<p>particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would incorporate both employment and residential development; therefore a significant positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site would incorporate employment provision; therefore a minor positive effect is likely for this objective.</p>
3. Ensure education facilities are available to all.	+?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. The majority of the site is within 6-10 minutes travel time of a primary school (with an area in the north within 5 minutes) and 31-35 minutes from a secondary school (with an area in the north within 26-30 minutes). Therefore, a minor positive effect is likely for this SA objective.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. The site is within 6-10 minutes travel time of a GP and 51-55 minutes from a hospital; therefore a minor positive effect is likely. This site is not in or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties in close proximity to the east and west of the site, and these residents could experience noise and light pollution during construction of the site. In addition, there is an industrial area immediately to the north of the site which may result in noise pollution affecting residents in the longer-term. Therefore a significant negative effect on this SA objective is considered likely.</p>
6. Retain and enhance access to local services and facilities.	+	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development but not new services and facilities. The majority of the site is within 11-15 minutes travel time of a local centre (with an area in the east within 16-20 minutes) and 5 minutes of a town/district centre (with an area in the south within 6-10 minutes); therefore a minor positive effect is likely.</p>

SA Objectives	SA Score	Justification
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The proposed mixed use development for this site does not include new recreation facilities or open space. There is an area of semi-natural and natural greenspace within this site, and it is possible that this could be lost as a result of the site being developed. However, there are a number of other facilities within close proximity of the site that could be used by residents - 400m to the north east of the site are allotments, an area of school grounds and playing fields and also a park and garden which contains a public bowling green, a multi-use games area and a children's play area. To the north of the site within 545m are an area of amenity greenspace, three areas of allotments, four areas of semi-natural and natural greenspace and private playing fields. There are also a number of other PRoWs surrounding the site. Therefore overall a mixed (potentially significant negative and significant positive) effect is likely for this objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+?	All of the potential mixed sites that incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing. This site is relatively small (4.62ha); therefore a minor positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in seven of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping has shown that 9,655 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect. Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.
11. Secure the efficient and prudent use of land.	+	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively small site (4.62ha) and the majority of the site is on brownfield land; therefore a minor positive effect on this SA objective is likely.

SA Objectives	SA Score	Justification
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively small site (4.62ha) and is on brownfield land. However, the site is within 360m of the Peak District National Park; therefore development could have a significant negative effect on the landscape although this is uncertain depending on the specific design of the development.</p> <p>The site lies in LCA F4: Colne (Slaithwaite, Marsden), as identified in the 2015 Landscape Character Assessment for Kirklees. This is the deeply incised valley of the River Colne. Woodland cover is found clinging to the steep valley sides and cloughs. There are dense ribbons of urban and industrial development along the valley floors and sides. It is a busy landscape with lots of movement owing to transport corridors and urban development along the valley floor.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	The site is approximately 280m from Butterley Cutting, Marsden Local Geological Site, approximately 365m from South Pennine Moors Special Protection Area (SPA)/Special Area of Conservation (SAC)/Site of Special Scientific Interest (SSSI), approximately 530m from Huddersfield Narrow Canal and approximately 905m from Naze Top Wood Local Wildlife Site. Therefore, development here could have a minor negative effect on this SA Objective. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	The majority of the site is on brownfield land and the site is partly within flood zones 2 and 3a; therefore a minor negative effect is likely as the site would include residential development.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>The majority of this site is on brownfield land; therefore a potential minor positive effect is likely.</p>

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in four of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heat mapping showed that 9,655 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect.</p> <p>The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.</p>
<p>Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 8: leisure and recreation (part of a mixed effect overall), 10: sustainable transport and 19: climate change. Potential significant negative effects were identified in relation to SA objectives 5: amenity, 8: leisure and recreation (part of a mixed effect overall) and 12: character (part of a mixed effect overall). These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1920

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would incorporate both employment (retention of existing B1, B2 and B8 uses as well as new offices and employment-generating leisure uses) and residential development therefore a significant positive effect is considered likely for this objective.</p>
2. Achieve an economy better capable of growth through increasing	+	The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.

SA Objectives	SA Score	Justification
investment, innovation and Entrepreneurship.		This site would incorporate employment provision (retention of existing B1, B2 and B8 uses as well as new offices and employment-generating leisure uses); therefore a minor positive effect is likely for this objective.
3. Ensure education facilities are available to all.	+?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and is within 5 minutes travel time of the nearest primary school, as well as being within 21-25 minutes of a secondary school; therefore a minor positive effect on this objective is most likely. The site is over 30 minutes from the nearest further education institute.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and is within 5 minutes travel time of the nearest GP. The majority of the site is also within 46-50 minutes of a hospital. Therefore, a minor positive effect is considered likely for this objective. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) which is within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are existing residential properties in close proximity to the north, south and west of this site which may be affected by noise during the construction phase. It is also possible that residents in the site may experience ongoing noise from the commercial activities within the site, in particular the proposed drinking establishments. Therefore, a minor negative effect on this SA objective is therefore considered likely.</p>
6. Retain and enhance access to local services and facilities.	++	This site would incorporate retail, restaurants/cafes and drinking establishments and therefore would result in the provision of new services and facilities alongside residential development. A significant positive effect is therefore likely.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the <u>location</u> of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open	++	This site would incorporate the provision of new leisure facilities; therefore it may have a significant positive effect on this objective. While the nature of the new leisure facilities is not yet known i.e. whether they would incorporate sports and recreation facilities, there are a number of existing areas of open space within close proximity of the site that can also be used by new residents there.

SA Objectives	SA Score	Justification
space and encourage their usage.		
9. Ensure all people are able to live in a decent home which meets their needs.	+?	<p>All of the potential mixed sites that incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development, and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.</p> <p>This site is relatively small (1.71ha); therefore a minor positive effect is likely although this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.</p>
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents of the new housing are able to make use of non car-based modes of transport day to day. Effects will also be influenced by how easily employees commuting to and from the job opportunities to be created in the site can make use of sustainable transport modes.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, the site was classed as mostly or entirely 'green' in terms of its access in all of the eight features assessed. Therefore, a significant positive effect is likely. The site would also incorporate employment development and the heatmapping work showed that 11,825 people (aged 16-64) would be able to access the site via sustainable transport within 20 minutes; therefore, reinforcing the positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	+	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively small site (1.71ha) and is entirely on brownfield land; therefore a minor positive effect on this SA objective is likely.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	<p>This is a relatively small site (1.71ha) and is entirely on brownfield land; therefore development here could have a minor positive effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA F4: Colne (Slaithwaite, Marsden), as identified in the 2015 Landscape Character Assessment for Kirklees. This is the deeply incised valley of the River Colne. Woodland cover is found clinging to the steep valley sides and cloughs. There are dense ribbons of urban and industrial development along the valley floors and sides. It is a busy landscape with lots of movement owing to transport corridors and urban development along the valley floor.</p>
13. Conserve and enhance the historic environment,	?	<p>Historic England has rated this site as 'orange' in terms of the potential for effects on the historic environment, due to the uncertain potential impacts on the Marsden Conservation Area which the site is located within.</p>

SA Objectives	SA Score	Justification
heritage assets and their settings.		The effect on this SA objective is therefore uncertain and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new mixed use development.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	This site is approximately 35m from Huddersfield Narrow Canal Local Wildlife Site, approximately 755m from South Pennine Moors Special Area of Conservation (SAC)/Peak District Moors (South Pennine Moors Phase 1) Special Protection Area (SPA)/Dark Peak Site of Special Scientific Interest (SSSI) and approximately 865m from South Pennine Moors SAC and SSSI/South Pennine Moors Phase 2 SPA. Therefore development here could have a significant negative effect on this SA Objective. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on brownfield land and is entirely outside of flood zone 3b although there are areas of flood zones 2 and 3a within the site. As part of the mixed use development would comprise residential properties, a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on brownfield land; therefore a minor positive effect may occur.

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development sites will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the development. However, where mixed use sites incorporating residential development are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, the site was classed as mostly or entirely 'green' in terms of its access in all of the eight features assessed. Therefore, a significant positive effect is likely. In addition, new services and facilities would be incorporated as part of the mixed use development which may have further benefits for reducing car use.</p> <p>In addition, this site incorporates employment development, and the heatmapping work has shown that 11,825 people (aged 16-64) would be able to access the employment opportunities at the site via sustainable modes of transport within 20 minutes; therefore, reinforcing the positive effect.</p> <p>The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.</p>
<p>Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 6: access to services, 8: leisure and recreation, 10: sustainable transport and 19: climate change. A potential significant negative effect was identified in relation to SA objective 14: biodiversity and geodiversity. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1921

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This is a mixed use site which would incorporate both employment and residential development; therefore a significant positive effect is likely.</p>

SA Objectives	SA Score	Justification
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth.</p> <p>This site would incorporate employment provision; therefore a minor positive effect is likely.</p>
3. Ensure education facilities are available to all.	++?/0?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. Levels of access to education facilities vary throughout the site. The most accessible area is in the far south eastern edge of the site which is within 11-15 minutes travel time to a primary school and 16-20 minutes travel time to a secondary school. The least accessible area is in the central area, which is within 16-20 of a primary school and 31-35 minutes travel time to a secondary school. In between journey times, vary between these two extremes. Therefore, a mixed effect on this objective is expected – significant positive for the far south eastern edge of the site and negligible for the central area of the site.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. Most of the site is within 16-20 minutes travel time to a GP (aside from the south eastern edge which is 11-15 minutes). Most of this site is also within 41-45 minutes travel time, aside from the far north and southern areas which are within 36-40 minutes. Therefore, a negligible effect is likely. This site is not within or adjacent to either of the two AQMAs that have been declared in Kirklees.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There is an industrial site within 100m of the site to the south of this site, which may result in noise pollution affecting residents in the longer term. There are also a number of existing residential properties within 100m to the north which may be affected by noise during the construction phase. A significant negative effect on this SA objective is therefore likely.</p>
6. Retain and enhance access to local services and facilities.	0	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development but not new services/facilities. Most of this site is within 11-15 minutes travel time to a local centre (aside from the far northern area which is 6-10 minutes) and most of this site is within 16-20 minutes of a town/ district centre (aside from a small area in the southern edge which is 11-15 minutes).</p>

SA Objectives	SA Score	Justification
		Therefore, a negligible effect is expected for this SA objective.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The mixed use development proposed for this site does not include new recreation facilities or open space. This site contains a PRoW which could be lost as a result of development. However this site is within 600m of other recreational facilities that could be used by residents, including a network of PRoWs to the north and south, a national cycle route 580m west, two civic spaces to the south, three semi-natural and natural greenspaces, a public park, a green corridor, two amenity greenspaces, an allotment and five outdoor sports facilities. Therefore, a mixed effect is expected - significantly positive and potentially significantly negative.
9. Ensure all people are able to live in a decent home which meets their needs.	+	All of the potential mixed use sites that incorporate residential development are expected to have positive effects on this objective due to the nature of the proposed development, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively small (3.64 ha); therefore a minor positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to retail development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in three of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 11,782 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which reinforces the positive effect. Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.
11. Secure the efficient and prudent use of land.	-	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively small site (3.64 ha) on mainly on greenfield land; therefore a minor negative effect is likely. Half of this site is on land classified as urban, while the other half is on land classified as Grade 3 agricultural land.

SA Objectives	SA Score	Justification
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	<p>This is a relatively small site (3.64 ha) and is mainly on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies across LCA E8: Batley-Dewsbury Rural Fringes and G11 Batley Fringe Incised Valleys, as identified in the 2015 Landscape Character Assessment for Kirklees. LCA E8: Batley-Dewsbury Rural Fringes comprises gently undulating land with varied tree cover. Urban expansion and associated land uses are spreading into the farmland landscape. Some areas still retain a relative sense of tranquillity and rural character, however increasing urbanisation creates a landscape of transition. G11 Batley Fringe Incised Valleys is a landscape of discrete, small scale tributary valleys with some significant bands of broadleaved riparian woodland. Although mostly undeveloped, there is a strong urban influence, particularly in close proximity to main roads.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'orange' in terms of the potential for effects on the Grade II Listed Buildings 64 and 66 Cliffe Lane. The loss of this area and its subsequent development could harm elements which contribute to their significance. The effect on this SA objective is therefore uncertain and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0?	<p>This site is not within 1km of any designated biodiversity or geodiversity sites; therefore a negligible effect on this SA objective is likely.</p> <p>Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negligible effect is recorded as uncertain.</p>
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and outside of flood zones 2, 3a and 3b; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>This site is on greenfield land are likely to have a minor negative effect on this objective.</p>

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to three of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 11,782 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect.</p> <p>The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.</p>
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 3: education (part of a mixed effect overall) and 8: recreation and leisure (part of a mixed effect overall). Significant negative effects were identified in relation to SA objectives 5: local amenity and 8: recreation and leisure (part of a mixed effect overall). These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1922

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This is a mixed use site which would only incorporate employment development (retail, industrial and warehouse uses); therefore a minor positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision (retail, industrial and warehouse uses); therefore a minor positive effect is likely.
3. Ensure education facilities are	0	This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely.

SA Objectives	SA Score	Justification
available to all.		
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely. The site is not within or adjacent to either of the two AQMAs that have been declared in Kirklees.
5. Protect local amenity including avoiding noise and light pollution.	-	Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. There are a number of existing residential properties within 100m to the west of this site which may be affected by noise during the construction phase and in the longer term, depending on the exact nature of commercial activities at the site. A minor negative effect on this SA objective is therefore likely.
6. Retain and enhance access to local services and facilities.	0	This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+	The mixed use development proposed for this site does not include new recreation facilities or open space. This site is within 600m of a number of existing recreational facilities that employees at the site may be able to make use of (the proposals for the site do not include residential development). There is a national and local cycle route and several Public Rights of Way (PRoW) surrounding the site, the closest being immediately adjacent to southern area of the site. Greenspace designations include two green corridors to the north and south, eight amenity greenspaces, two semi-natural and natural greenspaces, four park and gardens. Other facilities include four outdoor sports facilities adjacent to the eastern area of the site, a civic space and one allotment site. Therefore, a minor positive effect is likely for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	0	This site would not incorporate residential development as part of the mixed use proposals; therefore a negligible effect is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. However, the proposals for this site do not include residential development. Where sites would incorporate employment development, effects will be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. This site is proposed for

SA Objectives	SA Score	Justification
		retail/industrial/warehouse uses and the accessibility heat mapping work that was undertaken for Kirklees Council showed that 52,122 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a significant positive effect is likely.
11. Secure the efficient and prudent use of land.	+	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively small site (1.57 ha) and on brownfield land; therefore there is likely to be a minor positive effect on this objective.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	This is a relatively small site (1.57 ha) and is mainly on brownfield land; therefore development here could have a minor positive effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park. The site lies in an area classed as 'industrial/business parks' in the 2015 Landscape Character Assessment for Kirklees.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0?	This site is not within 1km of any designated biodiversity or geodiversity sites; therefore a negligible effect on this SA objective is likely. Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negligible effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	0	This site is on brownfield land and it is outside of flood zone 3b (although there is a tiny area in the south within flood zone 3a); therefore a negligible effect is likely as the site is proposed for non-residential uses.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on brownfield land therefore a minor positive effect is likely on this SA objective.

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site is not proposed for residential uses.</p> <p>The site would incorporate employment development and the heatmapping work undertaken for Kirklees Council has shown that 52,122 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a significant positive effect is likely.</p>
Summary of SA findings: Significant positive effects were identified in relation 10: sustainable transport and 19: climate change. No likely significant negative, were identified in relation to this site.		

MX1923

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible. This is a mixed use site which would incorporate both employment and residential development; therefore a significant positive effect is likely.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision; therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	+?/--?	<p>The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. Levels of access to education facilities vary across the site. The most accessible area is in the north western area, which is within 6-10 minutes of a primary school and 21-25 minutes travel time to a secondary school. The least accessible area is in the central eastern area of the site, which is over 60 minutes travel time to both a primary and secondary school. Levels of access across the remainder of the site vary</p>

SA Objectives	SA Score	Justification
		between these two extremes. Therefore, a mixed effect is likely - minor positive in the north western area and significant negative effect for the central eastern area.
4. Improve the health of local people and ensure that they can access the health and social care they need.	+/--	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. Levels of access to healthcare facilities vary across the site. The most accessible area is in the north western area, which is within 11-15 minutes of a GP and 31-35 minutes travel time to a hospital. The least accessible area is in the central eastern area of the site, which is over 60 minutes travel time to both a GP and hospital. Levels of access across the remainder of the site vary between these two extremes. Therefore, a mixed effect is likely -minor positive in the north western area and significant negative effect for the central eastern area. This site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>Mirfield Railway Station and track are adjacent to the northern area of the site and this may result in noise pollution affecting residents in the longer term. A significant negative effect on this SA objective is therefore likely. There are also a number of residential properties within 100m to the south which may be affected by noise during the construction phase.</p>
6. Retain and enhance access to local services and facilities.	++/--	<p>Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development. Levels of access to local and town/ district centres vary across the site. The most accessible area is in the south western area, which is within 5 minutes of a town centre and 6-10 minutes travel time to a town/ district centre. The least accessible area is in the central eastern area of the site, which is over 60 minutes travel time to both a local and town/ district centre. Levels of access across the remainder of the site vary between these two extremes. Therefore, a mixed effect is likely - significant positive in the south western area and significant negative effect for the central eastern area.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new	++/--?	The east and western areas of the site include areas of semi-natural and natural greenspace. In addition, there is a PRoW located within the north western area of the site. These facilities could be lost as a result of development at

SA Objectives	SA Score	Justification
recreation facilities and areas of open space and encourage their usage.		this site. However this site is within 600m of other recreational facilities that could be used by residents, including a national cycle route adjacent to the north western area of the site and to the north of the site-a network of PRoW, two public parks, children play areas, two amenity greenspaces, two sports centres and another semi-natural and natural greenspaces. A mixed (significant positive and potentially significant negative) effect is therefore likely.
9. Ensure all people are able to live in a decent home which meets their needs.	++?	All of the potential mixed use sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively large (11.01 ha); therefore a significant positive effect is likely. However, this is uncertain depending on what proportion of the mixed use site is used for housing as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	--/+	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was not classed as mostly or entirely 'green' in terms of its access to any of the eight features assessed. Therefore, a significant negative effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 24,620 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a minor positive effect is also likely.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively large site (11.01 ha) on mainly on greenfield land; therefore a significant negative effect is likely. This site is located on urban land.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (11.01 ha) and is mainly on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA M1: Calder Valley Floor, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a valley landscape with limited woodland cover, and agricultural land cover is very limited due to urban development. This is a heavily urbanised area with little tranquillity, although the area has more of a rural feel in the east.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	-?	Historic England has rated this site as 'yellow' in terms of the potential for effects on a number of Grade II Listed Buildings around Broad Oakes. The effect on this SA objective is therefore minor negative and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.

SA Objectives	SA Score	Justification
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	Whitley Wood Local Wildlife Site is approximately 220m south east of this site and Briery Bank Wood Local Wildlife Site is also approximately 250m south west of the site; therefore a significant negative effect on this SA objective may occur. Jordan Wood and Oliver Wood Local Wildlife Site is also approximately 915m south east of the site. Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negative effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and outside of flood zones 2 and 3; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land and could therefore have a minor negative effect on this objective.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	--/+	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was not classed as mostly or entirely 'green' in terms of its access to any of the eight features assessed. Therefore, a significant negative effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 24,620 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a minor positive effect is also likely. Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 6: local services (part of an overall mixed effect), 8: recreation and leisure (part of an overall mixed effect) and 9: housing. Significant negative effects were identified in relation to 3: education (part of a mixed effect), 4: health (part of a mixed effect), 5: local amenity (part of a mixed effect), 6: local services (part of an overall mixed effect), 8: recreation and leisure (part of an overall mixed effect), 10: sustainable transport(part of an overall mixed effect), 11; land use, 12: landscape character, 14: biodiversity and 19: climate change (part of an overall mixed effect). These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1924

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	0	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would not incorporate employment development; therefore a negligible effect is likely. Although retail uses within the site would provide some jobs, the number is likely to be small.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	0	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site does not incorporate employment provision therefore a negligible effect is likely for this objective. Although retail uses within the site would make some contribution to the local economy, this is likely to be small.</p>
3. Ensure education facilities are available to all.	++?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development. This site is within 6-10 minutes travel time of a primary school and 11–15 of a secondary school. It is also within 5 minutes travel time of a further education institute. Overall the site is therefore most likely to have a significant positive effect.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	++	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. This site is within 5 minutes travel time of a GP and within 21-25 minutes of a hospital; therefore a significant positive effect is likely. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>The site is surrounded by existing residential properties in close proximity to the site, and these residents could experience noise and light pollution during construction of the site. Therefore a significant negative effect on this SA objective is considered likely.</p>

SA Objectives	SA Score	Justification
6. Retain and enhance access to local services and facilities.	++	This site would incorporate retail development and therefore would result in the provision of new services and facilities so a significant positive effect is likely.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The proposed mixed use development for this site does not include new recreation facilities or open space. This site includes an area of semi-natural and natural greenspace and an area of 'other' open space which could both be lost as a result of mixed use development. However, there are a number of other facilities within close proximity that could be used by residents - within 280m north of the site are two areas of amenity greenspace, an area of school grounds and playing fields and an area of semi-natural natural greenspace. In addition, within 515m west of the site are six areas of semi-natural and natural greenspace, allotments, two areas of amenity greenspace, an area of amenity greenspace and a private bowling green. Within 440m south of the site are an area of school grounds and playing fields, a cricket ground and a park and gardens which contain two children's play areas. To the east of the site within 570m are allotments, a park and garden, an area of amenity greenspace which contains a children's play area and two areas of semi-natural and natural greenspace. There is also a number of PRow footpaths are within 600m surrounding the site. Therefore a mixed (significant positive and potential significant negative) effect is likely.
9. Ensure all people are able to live in a decent home which meets their needs.	+?	All of the potential mixed sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include residential development that will include an appropriate proportion of affordable housing. This site is relatively small (0.66ha); therefore a minor positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as entirely 'green' in terms of its access in all of the eight features assessed. Therefore, a significant positive effect is likely. In addition, the site would incorporate employment development and the heatmapping work also showed that 20,020 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect. Co-locating residential and retail development, within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.
11. Secure the efficient and	-	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land

SA Objectives	SA Score	Justification
prudent use of land.		<p>than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively small site (0.66ha) and is on greenfield land; therefore a minor negative effect on this SA objective is likely. The site is not within an area of high quality agricultural land (the land is classed as urban).</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	<p>This is a relatively small site (0.66ha) and is on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in an area classed as 'urban' in the 2015 Landscape Character Assessment for Kirklees.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	<p>Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.</p>
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	<p>The site is approximately 880m from Castle Hill Local Wildlife Site and Local Nature Reserve and approximately 975m from Castle Hill, Huddersfield Local Geological Site. Therefore, a minor negative effect is likely. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.</p>
15. Reduce air, water and soil pollution.	0	<p>This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.</p>
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	<p>This site is on greenfield land and outside of flood zones 2 and 3; therefore a minor negative effect is likely.</p>
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>This site is on greenfield land; therefore a minor negative effect is likely.</p>

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as entirely 'green' in terms of its access in all eight of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping has also shown that 20,020 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore, a minor positive effect is likely.</p> <p>The co-location of residential and retail development may have further positive effects for reducing the number of car journeys undertaken and the associated emissions.</p>
<p>Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 3: education, 4: healthcare facilities, 6: local services and facilities, 8: leisure and recreation (part of a mixed effect), 10: sustainable transport and 19: climate change. Potential significant negative effects were identified in relation to SA objectives 5: amenity and 8: leisure and recreation (mixed effect). These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1925

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site incorporates both employment and residential development; therefore a significant positive effect is likely for this objective.</p>
2. Achieve an economy better capable of growth	+	The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.

SA Objectives	SA Score	Justification
through increasing investment, innovation and Entrepreneurship.		This site incorporates employment provision; therefore a minor positive effect is likely for this objective.
3. Ensure education facilities are available to all.	++?/--?	<p>The effects of mixed use development (incorporating housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and levels of access to education facilities vary throughout the site. The most accessible part of the site is the eastern part of the site which is within 6-10 minutes of a primary school and within 16-20 minutes travel time of a secondary school. The least accessible part of the site is a section that runs across the southern part of the site which is over 60 minutes from a primary school, secondary school. In between those areas journey times to education facilities vary in between those two extremes. Therefore a mixed effect is expected for this objective - potentially significant positive for the east and potentially significant negative for the southern section of the site. Travel times to the nearest further education institute also vary across the site – within 16-20 minutes in the east and over 60 minutes for a section in the south.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+/--	<p>The location of mixed use sites (incorporating housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and levels of access to healthcare facilities vary throughout this site. The most accessible part of the site is a section in the north which is within 11-15 minutes travel time from the nearest GP and within 26-30 minutes of a hospital, whereas a section that runs across the southern part of the site is the least accessible as it is over 60 minutes from both a GP and hospital. In between those areas journey times to healthcare facilities vary in between those two extremes. Therefore a mixed effect is expected for this objective; minor positive for the northern section and significant negative for the southern section of the site. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties in close proximity to the north, west and south of the site and these residents could experience noise and light pollution during construction of the site. In addition, there is an industrial area immediately to the south west of the site which may result in noise pollution affecting residents in the longer-term. A significant negative effect on this SA objective is therefore likely.</p>

SA Objectives	SA Score	Justification
6. Retain and enhance access to local services and facilities.	0/--	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development, but not new services and facilities. Levels of access to existing services vary across this site. The most accessible part of the site are the south eastern and north eastern corners, which are 11-15 minutes travel time from the nearest local centre and 16-20 minutes from a town/district centre. The least accessible part of the site is a section running across the southern part of the site which is over 60 minutes from the nearest local centre and nearest town/district centre. In between those areas journey times to local services and facilities vary in between those two extremes. Therefore a mixed effect is expected for this objective; negligible for the south eastern and north eastern corners and significant negative for the southern section of the site.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the <u>location</u> of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	The proposed mixed use development for this site does not include new recreation facilities or open space. There are several existing Bridleways and PRoWs that run through the site which could be lost or disrupted as a result of mixed use development. However, within 20m south of the site is an area of public playing fields which is adjacent to an area of park and gardens that contains two children's play areas and a multiuse games area. In addition approximately 70m to the west of the site is an area of school grounds and playing fields. Also, approximately 325m to the south of the site is an area of amenity greenspace and approximately 530m south of the site is a children's play area. To the west of the site approximately 125m away is an area of semi-natural and natural greenspace however it is located within another housing option site. Also, to the west of the site is an area of allotments approximately 590m away. To the south west approximately 410m away is an area of school grounds and playing fields. Therefore, a mixed (significant positive and potential significant negative) effect is expected for this objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+++?	<p>All of the potential mixed sites are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.</p> <p>This site is relatively large (67.41ha); therefore a significant positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.</p>
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	How well connected mixed use sites (incorporating residential development) are to existing services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.

SA Objectives	SA Score	Justification
		<p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in two of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment development, and the heatmapping work has also shown that 18,931 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore reinforcing the positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (67.64ha) and is on greenfield land; therefore a significant negative effect on this SA objective is likely. The site is also within an area of relatively high quality agricultural land (the land is classed as grade 3 with very small areas of urban land to the south).</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (67.64ha) and is on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA E8: Batley-Dewsbury Rural Fringes, as identified in the 2015 Landscape Character Assessment for Kirklees. This comprises gently undulating land with varied tree cover. Urban expansion and associated land uses are spreading into the farmland landscape. Some areas still retain a relative sense of tranquillity and rural character, however increasing urbanisation creates a landscape of transition.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	<p>Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.</p>
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?	<p>This site is within 20m of Soothill Wood Local Wildlife Site, approximately 180m from Scargill Wood Local Wildlife Site and approximately 310m from Dunn Wood Local Wildlife Site; therefore development here could have a significant negative effect on this SA Objective. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.</p>
15. Reduce air, water and soil pollution.	0	<p>This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.</p>
16. Prevent inappropriate new development in flood	-	<p>The site is on greenfield land and is outside of flood zones 3a and 3b; therefore a minor negative effect is likely.</p>

SA Objectives	SA Score	Justification
risk areas and ensure development does not contribute to increased flood risk for existing property and people.		
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>The site is on greenfield land; therefore a minor negative effect is likely.</p>
18. Increase efficiency in water, energy and raw material use.	0	<p>While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.</p>
19. Reduce the contribution that the district makes to climate change.	+	<p>The location of mixed use development sites will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where mixed sites incorporating residential development are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in two of the eight features assessed. Therefore, a minor positive effect is likely.</p> <p>In addition, this site would incorporate employment development, and the heatmapping work has shown that 18,931 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore reinforcing a positive effect.</p> <p>The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.</p>
<p>Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 3: education (part of a mixed effect overall), 8: leisure and recreation (part of a mixed effect overall) and 9: housing. Potential significant negative effects were identified in relation to SA objectives 3: education (part of a mixed effect overall), 4 (part of a mixed effect overall), 5: amenity, 6: local services and facilities (part of a mixed effect overall), 8: leisure and recreation (part of a mixed effect overall), 11: use of land, 12: character and 14: biodiversity and geodiversity. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX1926

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site incorporates both employment and residential development; therefore a significant positive effect is considered likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site incorporates employment provision; therefore a minor positive effect is likely for this objective.</p>
3. Ensure education facilities are available to all.	+?/-?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and levels of accessibility to education vary across this site. The south eastern part of the site is within 11-15 minutes travel time of a primary school, 36-40 minutes of a secondary school, whereas a section at the north eastern end of the site is within 26-30 minutes of a primary school, 56-60 minutes of a secondary school. In between those areas, accessibility to education varies. Overall, a mixed effect is likely for this SA objective; minor positive for the south western part, and minor negative for the section at the north-eastern end of the site.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+ +/-	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and levels of access to healthcare vary across this site. The south western and south eastern parts of the site are within 6-10 minutes travel time from a GP and 16-20 minutes from a hospital, whereas a section at the north eastern end of the site is within 31-35 minutes from a GP and 36-40 minutes from a hospital. In between those areas, accessibility to healthcare varies. Overall, a mixed effect is likely - significant positive for the south western and south eastern parts, and minor negative for the section at the north eastern end of the site. This site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways</p>

SA Objectives	SA Score	Justification
		<p>or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>This site is directly adjacent to the A643 (Lindley Moor Road) and future residents could be exposed to noise pollution over the long term. As a result, a significant negative effect is likely. There are also a number of existing residential properties within close proximity to the west, south and south east of the site which could be exposed to noise and light pollution during construction of the site which reinforces the negative effect.</p>
6. Retain and enhance access to local services and facilities.	+/-	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development, but not new services and facilities. Levels of access to local services vary across the site. The south western and south eastern parts of the site are within 6-10 minutes travel time of a local centre and 11-15 minutes from a town/district centre, whereas a section at the north eastern end of the site is within 31-35 minutes travel time of a local centre and town/district centre. In between those areas, accessibility to local services varies. Overall, a mixed effect is likely; minor positive for the south western and south eastern parts of the site, and significant negative for the section at the north eastern end of the site.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	<p>The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.</p>
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+ +/--?	<p>The mixed use development proposed for this site does not include new recreation facilities or open space. There is an existing PRoW that runs across the north eastern part of this site which could be lost or disrupted as a result of mixed use development. However, levels of access to other existing facilities are good - the site is adjacent to an area of public playing fields which contain a children's play area. Within 415m south west of the site are an area of school grounds and playing fields, private playing fields and an area of park and gardens which contain an area of children's play provision. Approximately 580m to the south of the site is an area of public playing fields which contain a children's play area. Within 600m east of the site are three areas of semi-natural and natural greenspace (however one is within another mixed use site option) and an area of park and gardens which contain a children's play area and a multi-use games area. There are also a number of additional PRoWs within 600m of the site. Overall, a mixed (significant positive and potential significant negative) effect is likely for this SA objective.</p>
9. Ensure all people are able to live in a decent home which meets their needs.	++?	<p>All of the mixed use sites that incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.</p> <p>This site is relatively large (19.1ha); therefore a significant positive effect is likely; however this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.</p>

SA Objectives	SA Score	Justification
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	<p>How well connected mixed use sites (incorporating residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in one of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site incorporates employment development and the heatmapping work has shown that 16,377 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore, a minor positive effect is likely.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (19.1ha) and the majority of the site is on greenfield land; therefore a significant negative effect on this SA objective is likely. The site is also within an area of high quality agricultural land (the land is classed as grade 3 with very small areas of urban land to the south).</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (19.1ha) and the majority of the site is on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in LCA E2: Barkisland-Holywell Green, as identified in the 2015 Landscape Character Assessment for Kirklees. This area comprises steeply rising land with frequent tree and woodland cover. It is an urban fringe landscape. Some areas retain a relative tranquil, rural character despite the proximity of urban development. Increasing urbanisation on the LCA's fringes creates a landscape of transition. The area has an important visual relationship with the National Park.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	<p>Historic England has rated this site as 'orange' in terms of the potential for effects on the historic environment, due to the uncertain potential impacts on the 18th century guide stoop Grade II * Listed Building, and the Grade II Listed Buildings at Haigh Cross on the eastern boundary of this area and the boundary stone outside Peat Ponds Farm at the northern end (the loss of this site and its development could harm elements that contribute to the significance of these assets).The effect on this SA objective is therefore uncertain and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.</p>
14. Maximise opportunities to	--?	<p>Old Lindley Moor Local Geological Site is approximately 225m north-west of the site; therefore a significant negative effect</p>

SA Objectives	SA Score	Justification
protect and enhance biodiversity and geodiversity.		is likely for this SA objective. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	The majority of the site is on greenfield land and the site is outside of flood zones 3a and 3b; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. The majority of the site is on greenfield land; therefore a minor negative effect is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	The location of mixed use development sites will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where mixed sites incorporating residential development are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in one of the eight features assessed. Therefore, a minor positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 16,377 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore, a minor positive effect is likely. The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.
Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 4: healthcare facilities (part of a mixed effect), 8: leisure and recreation (part of a mixed effect) and 9: affordable housing. Potential significant negative effects were identified in relation to SA objectives 5: amenity, 6: local services and facilities (mixed effect), 8: leisure and recreation (mixed effect), 11: use of land, 12: character and 14: biodiversity and		

SA Objectives	SA Score	Justification
geodiversity. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

MX1927

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site incorporates both employment and residential development; therefore a significant positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site incorporates employment provision; therefore a minor positive effect is likely for this objective.</p>
3. Ensure education facilities are available to all.	++?/--?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and levels of access to education facilities vary across the site. The south western corner of this site is within 6-10 minutes travel time of a primary school and 5 minutes of a secondary school. The north western and north eastern corners are more than 60 minutes travel time from any education facilities. In between those areas, accessibility to education facilities varies. Overall, a mixed effect is likely – potentially significant positive for the south-western part and significant negative for the north-western and north-eastern part.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+/--	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and levels of access to healthcare facilities vary across this site. The south western corner of this site is within 6-10 minutes of a GP and 41-45 minutes of a hospital. However, the north western and north eastern corners of the site are more than 60 minutes from a GP and a hospital. In between those areas, accessibility to healthcare facilities varies. Overall, a mixed effect is likely – minor positive for the southern western corner and significant negative for the north western and north eastern corners. The site is not within or adjacent to an AQMA.</p>

SA Objectives	SA Score	Justification
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>The M62 motorway is directly adjacent to the east of the site, and the A58 (Whitehall Road) is directly adjacent to the north of the site. This could result in noise pollution over the long term on future residents, and a significant negative is therefore likely. In addition, there are a number of existing residential properties within close proximity to the south and west of the site, and these residents could experience noise and light pollution during construction, which reinforces the negative effect.</p>
6. Retain and enhance access to local services and facilities.	++/--	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development but not services and facilities and levels of access to existing local services vary across the site. The south western corner of this site is within 5 minutes of a local centre and 6-10 minutes of a town/district centre, whereas the north western and north eastern corners of the site are more than 60 minutes from a local centre and town/district centre. In between those areas, accessibility to local services varies. Overall there is likely to be a mixed effect – significant positive for the south western corner and significant negative for the north western and north eastern corners.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	<p>The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the <u>location</u> of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.</p>
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	<p>The proposed mixed use development for this site does not include new recreation facilities. The site is crossed by a PRoW which could be lost or disrupted as a result of mixed use development. However, within 15m north of the site is a golf course and to the west of the site within 180m are allotments and a park and gardens which contain a children's play area. To the east of the site within 510m are a private bowling green, a cricket ground, a rugby football ground and three areas of school grounds and playing fields however, these are separated from the site by a motorway. In addition, there are a number of PRoWs within 600m to the south of the site, as well as two bridleways. Therefore, overall a mixed (significant positive and potential significant negative) effect is likely.</p>
9. Ensure all people are able to live in a decent home which meets their needs.	+++	<p>All of the potential mixed use sites that incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.</p> <p>This site is relatively large (20.59ha); therefore a significant positive effect is likely although this is uncertain depending</p>

SA Objectives	SA Score	Justification
		on how much of the mixed use development is residential as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site incorporates employment development and the heatmapping work has shown that 13,965 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore, reinforcing the positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (20.59ha) and is on greenfield land; therefore a significant negative effect on this SA objective is likely. The site is also within an area of high quality agricultural land (the land is classed as grade 3).</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (20.59ha) and is on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in LCA K1: Thornton-Queensbury, as identified in the 2015 Landscape Character Assessment for Kirklees. The LCA comprises pockets of higher gently undulating ground. Woodland cover is generally marginal. Although this area is predominantly farmland with relatively small settlements, the surrounding urban centres and major transport corridors have a pervading influence, reducing levels of tranquillity.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	The site is approximately 740m from Hanging Wood candidate Local Wildlife Site and approximately 820m from Hunsworth Great Wood and Little Wood candidate Local Wildlife Site. Therefore, development here could have a minor negative effect on this SA objective. Given that there may be opportunities to promote habitat connectivity through the

SA Objectives	SA Score	Justification
		inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and is outside flood zones 3a and 3b; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land; therefore a minor negative effect is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where mixed sites incorporating residential development are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, the site was classed as mostly or entirely 'green' in terms of its access in five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development, and the heatmapping work has shown that 13,965 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore, reinforcing the positive effect. The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.
Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 3: education (part of a mixed effect), 6: local services and facilities (mixed effect), 8: leisure and recreation (part of a mixed effect), 9: affordable housing, 10: sustainable transport and 19: climate change. Potential significant negative effects were identified in relation to SA objectives 4: healthcare facilities (mixed effect) 5: amenity, 6: local services		

SA Objectives	SA Score	Justification
and facilities (mixed effect), 8: leisure and recreation (mixed effect), 11: use of land and 12: character. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

MX1928

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would incorporate both employment and residential development; therefore a significant positive effect is considered likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site would incorporate employment provision; therefore a minor positive effect is likely for this objective.</p>
3. Ensure education facilities are available to all.	++?/-?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and levels of access to education facilities vary across the site. The south-eastern part of the site is within 6-10 minutes travel time of a primary school and 11-15 minutes from a secondary school and further education facility. The central western part of this site is within 21-25 minutes of a primary school, 51-55 minutes of a secondary school and 46-50 minutes of a further education facility. In between, journey times to education facilities vary between those two extremes. Overall a mixed effect is likely – potentially significant positive for the south-eastern part of the site and minor negative for the central western part.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	++/0	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and levels of access to healthcare facilities vary across the site. The south-eastern part of the site is within 6-10 minutes travel time of a GP and 11-15 minutes of a hospital whereas the central western end of this site is within 26-30 minutes of a GP and 31-35 minutes of a hospital. In between, journey times to health facilities vary between those two extremes. Overall a mixed effect is likely – significant positive for the</p>

SA Objectives	SA Score	Justification
		south-eastern part, and negligible for the central western part. The site is not within or adjacent to an AQMA.
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>This site is adjacent to the A643 (Lindley Moor Road) which could result in future residents being exposed to noise pollution over the long term. A significant negative effect is therefore likely. In addition, there are existing residential properties within close proximity to the east and south of the site, and these residents could experience noise and light pollution during construction of the site. This reinforces the likely negative effect.</p>
6. Retain and enhance access to local services and facilities.	+ +/--	<p>Where new services and facilities are not proposed as part of a mixed use development site option, and where the development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development; however it would not incorporate new services and facilities and levels of access to existing services vary across the site. The far southern part of this site is within 5 minutes of a local centre and 6-10 minutes of a town/district centre, whereas the central western part of the site is within 31-35 minutes of a local centre and town/district centre. In between, journey times to local services vary between those two extremes. Overall a mixed effect is therefore likely – significant positive for the far southern part and significant negative for the central western part.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the <u>location</u> of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+ +/--?	The proposed mixed use development for this site does not include new recreation facilities or open space. There is an area of existing semi-natural and natural greenspace within this site, as well as two PRoWs, which could be lost or disrupted as a result of mixed use development. However, there are a number of other nearby facilities that new residents could make use of - within 570m east of the site are five areas of semi-natural and natural greenspace, two areas of park and gardens, four areas of children's play provision, a multi-use games area and an area of private playing fields. Within 410m south of the site are allotments, three areas of semi-natural and natural greenspace, two areas of amenity greenspace and a private bowling green. There are also a number of PRoW footpaths to the south east and north west. Therefore, a mixed (significant positive and potential significant negative) effect is likely for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+ +?	All of the potential mixed use sites that would incorporate housing are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.

SA Objectives	SA Score	Justification
		This site is relatively large (26.65ha); therefore a significant positive effect is likely. However, this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in seven of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site incorporates employment development and the heatmapping work has shown that 18,132 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which reinforces the positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (26.65ha) and the majority of the site is on greenfield land; therefore a significant negative effect on this SA objective is likely. The site is also within an area of high quality agricultural land (the land is classed as grade 3).</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (26.65ha) and the majority of the site is on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in LCA E2: Barkisland-Holywell Green, as identified in the 2015 Landscape Character Assessment for Kirklees. This area comprises steeply rising land with frequent tree and woodland cover. It is an urban fringe landscape. Some areas retain a relative tranquil, rural character despite the proximity of urban development. Increasing urbanisation on the LCA's fringes creates a landscape of transition. The area has an important visual relationship with the National Park.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.

SA Objectives	SA Score	Justification
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	The site is approximately 610m from Old Lindley Moor Local Geological Site. Therefore, a minor negative effect is likely. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	The majority of this site is on greenfield land and the site is outside of flood zones 3a and 3b; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. The majority of this site is on greenfield land; therefore a minor negative effect is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where mixed use sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in seven of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 18,132 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect. The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.
Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 3: education (part of a mixed effect), 4: healthcare facilities (mixed effect), 6: local services and facilities (mixed effect), 8: leisure and recreation (part of a mixed effect), 9: housing, 10: sustainable transport and 19: climate change. Potential significant negative effects were identified in relation to SA objectives 5: amenity, 6: local services and facilities (mixed effect), 8: leisure and recreation (mixed effect), 11: use of land and 12: landscape. These issues will need to be considered further in terms of		

SA Objectives	SA Score	Justification
mitigation and/or enhancement, which may be achieved through Local Plan policies.		

MX1929

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would incorporate both employment and residential development; therefore a significant positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site would incorporate employment provision; therefore a minor positive effect is likely for this objective.</p>
3. Ensure education facilities are available to all.	++?/--?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and levels of access to education facilities vary across the site. The most accessible part of the site is the north east which is within 6-10 minutes from both the nearest primary school and secondary school. The least accessible part of the site is the centre which is over 60 minutes travel time from both the nearest primary school and secondary school. In between, journey times to education facilities vary between those two extremes. Overall a mixed effect is likely – potentially significant positive for the north east and significant negative for the central part of the site.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+/--	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and levels of access to healthcare facilities vary across the site. The most accessible part of the site is the north eastern edge which is within 11-15 minutes of the nearest GP and within 41-45 minutes of a hospital. The least accessible part of the site is the centre which is over 60 minutes travel time from both a GP and a hospital. In between, journey times to health facilities vary between those two extremes. Overall a mixed effect is likely – minor positive for the north eastern edge, and significant negative for the central part. The site is not</p>

SA Objectives	SA Score	Justification
		within or adjacent to an AQMA.
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>This site is adjacent to the A62 (Leeds Road) which could result in future residents being exposed to noise pollution over the long term. A significant negative effect is therefore likely. In addition, there are existing residential properties in close proximity to the east of the site, and these residents could experience noise and light pollution during construction of the site. This reinforces the negative effect.</p>
6. Retain and enhance access to local services and facilities.	+ +/--	<p>Where new services and facilities are not proposed as part of a mixed development site option, and where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development but not new services and facilities. Levels of access to existing services vary across the site. The most accessible part of the site is the north east which is within 5 minutes of a local centre and 11-15 minutes of a town/district centre, whereas the central part of the site is the least accessible as it is over 60 minutes from a local centre and town/district centre. In between, journey times to local services vary between those two extremes. Overall a mixed effect is likely – significant positive for the north east and significant negative for the central part.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+ +/--?	The proposed mixed use development for this site does not include new recreation facilities or open space. There is a PRoW footpath that runs through the north eastern section of the site which could be lost or disrupted as a result of mixed use development. However, there are a number of other facilities nearby that could be used by residents - the site is adjacent to an area of school grounds and playing fields and 180m south of the site is a local nature reserve. In addition, within 600m south of the site are an area of amenity greenspace and two areas of school grounds and playing fields. Also, within 475m north of the site are an area of school grounds and playing fields and an area of amenity greenspace. There are also a number of PRoW footpaths to the east and north. Therefore, a mixed (significant positive and potentially significant negative) effect is likely for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+ +?	All of the potential mixed use sites that incorporate residential development are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.

SA Objectives	SA Score	Justification
		This site is relatively large (12.22ha); therefore a significant positive effect is likely although this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 28,164 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which reinforces the positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	--	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (12.22ha) and is on greenfield land; therefore a significant negative effect on this SA objective is likely. The majority of the site is also within an area of high quality agricultural land (the land is classed as grade 3) although a tiny area in the south is classed as urban.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	<p>This is a relatively large site (12.22ha) and is on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in LCA E8: Batley-Dewsbury Rural Fringes, as identified in the 2015 Landscape Character Assessment for Kirklees. This comprises gently undulating land with varied tree cover. Urban expansion and associated land uses are spreading into the farmland landscape. Some areas still retain a relative sense of tranquillity and rural character, however increasing urbanisation creates a landscape of transition.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to	--?	The site is approximately 180m from Sunny Bank Ponds Local Nature Reserve and Local Wildlife Site. Therefore, a

SA Objectives	SA Score	Justification
protect and enhance biodiversity and geodiversity.		significant negative effect is likely. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and outside flood zones 3a and 3b; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on greenfield land; therefore a minor negative effect is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where mixed use sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in five of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 28,164 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the positive effect. The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.
<p>Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 3: education (part of a mixed effect overall), 6: local services and facilities, 8: leisure and recreation (part of a mixed effect overall), 9: affordable housing, 10: sustainable transport and 19: climate change. Potential significant negative effects were identified in relation to SA objectives 3: education (part of a mixed effect overall), 4: healthcare facilities (part of a mixed effect overall), 5: amenity, 6: access to services (part of a mixed effect overall), 8: leisure and recreation (part of a mixed effect overall), 11: use of land, 12: character and 14: biodiversity and geodiversity. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be</p>		

SA Objectives	SA Score	Justification
achieved through Local Plan policies.		

MX1930

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This site would incorporate both employment and residential development; therefore a significant positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment sites within a mixed use site in any location is likely to have a positive effect by encouraging economic growth.</p> <p>This site would incorporate employment provision; therefore a minor positive effect is likely for this objective.</p>
3. Ensure education facilities are available to all.	++?	<p>The effects of mixed use development (which incorporates housing) will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and accessibility to education varies across this site. The majority of the site is within 6-10 minutes travel time of the nearest primary school (with an area in the north within 11-15 minutes) however travel times to the nearest secondary school vary across the site. The most accessible part of the site is the south east corner which is within 5 minutes from a secondary school and the least accessible part of the site is the north which is 16-20 minutes travel time from a secondary school. In between, journey times to education facilities vary between those two extremes. Overall a significant negative effect is considered likely for this objective.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development and accessibility to healthcare varies across this site. The majority of the site is within 11-15 minutes of a GP (with tiny areas in the south west, south east and north east within 6-10 minutes) however travel times to the nearest hospital vary across the site. The most accessible part of the site is the north eastern corner which is within 36-40 minutes of the nearest hospital and the least accessible part of the site is a small area in the north which is 51-55 minutes from a hospital. In between, journey times to health facilities vary between those two</p>

SA Objectives	SA Score	Justification
		extremes. Overall, a minor positive effect is considered likely for this objective. The site is not within or adjacent to an AQMA.
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.) there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties in close proximity to the east and south west of the site, and these residents could experience noise and light pollution during construction of the site. Therefore a minor negative effect on this SA objective is likely.</p>
6. Retain and enhance access to local services and facilities.	++	This site would incorporate new retail development and therefore would result in the provision of new services and facilities and a significant positive effect is likely.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing and employment developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the <u>location</u> of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++	The proposed mixed use development for this site does not include new recreation facilities or open space. However, there are a number of existing facilities nearby that could be used by residents. Within 480m to the south of the site are two areas of amenity greenspace and a golf course. To the east of the site within 585m are an area of allotments, an area of school grounds and playing fields, two areas of amenity greenspace and an area of semi-natural and natural greenspace. Within 585m north of the site are an area of semi-natural and natural greenspace, an area of amenity greenspace, two areas of park and garden and a private bowling green. There is a PRow footpath which runs adjacent to the northern boundary of the site and there are also a number of PRow footpaths within 600m to the north. Therefore, a significant positive effect is likely for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	++?	<p>All of the potential mixed sites that incorporate housing are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that the mixed use development will include an appropriate proportion of affordable housing.</p> <p>This site is relatively large (29.24ha); therefore a significant positive effect is likely although this is uncertain depending on how much of the mixed use development is residential as opposed to employment development.</p>
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.

SA Objectives	SA Score	Justification
		<p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access in six of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 17,075 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which reinforces the positive effect.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	++	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (29.24ha) and the majority of the site is on brownfield land; therefore a significant positive effect on this SA objective is likely.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	<p>This is a relatively large site (29.24ha) and the majority of the site is on brownfield land; therefore development here could have a minor positive effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly across LCA E1: Holmfirth-Meltham and an area classed as 'urban', as identified in the 2015 Landscape Character Assessment for Kirklees. LCA E1: Holmfirth-Meltham is a gently undulating plateau with considerable tree and woodland cover. Although the proximity of the urban centres exerts an influence on landscape character, with urban fringe land uses evident in many areas, there are pockets of relative tranquillity away from the main settlements. There is a strong visual relationship with the moorlands of the National Park. A small part of the site lies in LCA F4: Colne (Slaithwaite, Marsden). This is the deeply incised valley of the River Colne. Woodland cover is found clinging to the steep valley sides and cloughs. There are dense ribbons of urban and industrial development along the valley floors and sides. It is a busy landscape with lots of movement owing to transport corridors and urban development along the valley floor.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	<p>Historic England has rated this site as 'orange' in terms of the potential for effects on the historic environment, due to the uncertain potential impacts on Crossland Hall which is a Grade II* Listed Building to the west of this site.</p> <p>The effect on this SA objective is therefore uncertain and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.</p>
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	<p>The site is approximately 340m from Johnson Wellfield Quarries, Crosland Hill Local Geological Site and approximately 705m from Delves Wood Local Wildlife Site. Therefore, a minor negative effect is likely. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.</p>

SA Objectives	SA Score	Justification
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	0	The majority of this site is on brownfield land and is outside of flood zones 3a and 3b; therefore a negligible effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>The majority of this site is on brownfield land; therefore a minor positive effect is likely. The positive effect is uncertain given that the materials currently onsite are unknown.</p>
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, the site was classed as mostly or entirely 'green' in terms of its access in six of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 17,075 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the minor positive effect.</p> <p>The co-location of employment and residential development may have further positive effects for reducing commuting distances if people are able to live and work in close proximity.</p>
<p>Summary of SA findings: Potential significant positive effects were identified for this site in relation to SA objectives 1: employment, 3: education, 6: local services and facilities, 8: leisure and recreation, 9: affordable housing, 10: sustainable transport, 11: use of land and 19: climate change. No potential significant negative effects were identified in relation to any of the SA objectives.</p>		

MX1931

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible.</p> <p>This is a mixed use site which would only incorporate retail/employment development; therefore a minor positive effect is likely.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	<p>The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate retail/employment provision; therefore a minor positive effect is likely.</p>
3. Ensure education facilities are available to all.	0	<p>This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	<p>This site would not incorporate residential development; therefore a negligible effect on this SA objective is likely. The site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees.</p>
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase.</p> <p>There are existing residential properties in close proximity to the north of the site which may be affected by noise during the construction phase. Therefore, a minor negative effect on this SA objective is likely.</p>
6. Retain and enhance access to local services and facilities.	++	<p>This site would incorporate retail development and therefore would result in the provision of new services and facilities and a significant positive effect is likely.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	<p>The effects of new mixed use developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.</p>
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	+	<p>The mixed use development proposed for this site does not include new recreation facilities or open space. There are a number of existing facilities that could be used by employees at the site - there is a National Cycle route that runs approximately 25m west of the site and to the east, there are a number of PRoW footpaths. 10m to the west of the site is a Green corridor/pedestrian/cycleway. Approximately 335m north west of the site is a private bowling green. In addition, within 345m east of the site is an allotment, an area of semi-natural and natural greenspace, a public</p>

SA Objectives	SA Score	Justification
		park and garden and a private tennis club. There is another park and garden approximately 235m south of the site. 595m to the north are two areas of amenity greenspace, outdoor sports facilities and an area of semi-natural and natural greenspace. Also, to the west of the site is an amenity greenspace and a public park. Therefore, a minor positive effect is expected for this objective.
9. Ensure all people are able to live in a decent home which meets their needs.	0	This site would not incorporate residential development; therefore a negligible effect is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. However, the proposals for this site do not include residential development.</p> <p>Where sites would incorporate employment development, effects will be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes. This site is proposed for retail/employment uses and the accessibility heat mapping work that was undertaken for Kirklees Council showed that 26,926 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a significant positive effect is likely.</p>
11. Secure the efficient and prudent use of land.	+	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively small site (1.38 ha) and on brownfield land; therefore a minor positive effect on this objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	<p>This is a relatively small site (1.38 ha) on brownfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in an area classed as 'urban' in the 2015 Landscape Character Assessment for Kirklees.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0?	<p>This site is not within 1km of any designated biodiversity or geodiversity sites; therefore a negligible effect on this SA objective is likely.</p> <p>Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negligible effect is recorded as uncertain.</p>
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new	0	This site is on brownfield land and is outside of flood zones 2, 3a and 3b; therefore a negligible effect is likely.

SA Objectives	SA Score	Justification
development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.		
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on brownfield land; therefore there may be a minor positive effect on this SA objective.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site is not proposed for residential uses.</p> <p>The site would incorporate retail/employment development and the heatmapping work undertaken for Kirklees Council has shown that 26,926 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes; therefore a significant positive effect is likely.</p>
Summary of SA findings: Likely significant positive effects are identified in relation to SA objectives 10: sustainable transport and 19: climate change. No likely significant negative effects were identified in relation to this site.		

MX2101

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible. This is a mixed use site which would incorporate both employment and residential development; therefore a significant positive effect is likely.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision; therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	++?	The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new

SA Objectives	SA Score	Justification
		<p>places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and most of the site is within 6-10 minutes travel time of a primary school (aside from the eastern area of the site which is 11-15 minutes) and within 16-20 minutes (aside from the eastern area which is 21-25 minutes). Therefore, a significant positive effect is likely. This site is also within 20 minutes of a further education institute.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	++	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>This site would incorporate residential development. Most of the site is within 6-10 minutes travel time to a GP (aside from the far northern and southern edges which is 5 minutes). Most of this site is also within 21-25 minutes travel time of a hospital (aside from the far southern area which is 16-20 minutes); therefore a significant positive effect is likely. This site is not within or adjacent to either of the two Air Quality Management Areas that have been declared in Kirklees.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>The northern area of the site is adjacent to the A62 (Leeds Road) and the western area of the site is adjacent to the A62 (Southgate Road) which may result in noise pollution affecting residents in those parts of the site. A significant negative effect on this SA objective is therefore likely. There are also a number of existing residential properties within 100m to the north which may be affected by noise during the construction phase.</p>
6. Retain and enhance access to local services and facilities.	+	<p>Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development. Most of this site is within 6-10 minutes travel time to a local centre (aside from the eastern area which is 11-15 minutes) and within 6-10 minutes of a town/ district centre (aside from a small area in the far southern and northern edges which is 5 minutes). Therefore, a minor positive effect is expected for this SA objective.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	<p>The effects of new mixed use development on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.</p>
8. Protect and enhance existing and support the provision of new	++/--?	<p>Huddersfield Sports Centre is located within this site, as well as two sections of PRoW and these could be lost as a result of development. However, development of this site will include leisure uses and it is therefore uncertain</p>

SA Objectives	SA Score	Justification
recreation facilities and areas of open space and encourage their usage.		whether these facilities will be retained or replaced. Therefore a mixed effect is likely -significant positive and an uncertain significant negative.
9. Ensure all people are able to live in a decent home which meets their needs.	+?	All of the potential mixed use sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site is relatively small (2.66 ha); therefore a minor positive effect is likely. However, this is uncertain depending on what proportion of the mixed use site is used for housing as opposed to employment development.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to all of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment development and the heatmapping work has shown that 68,023 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which would reinforce the significant positive effect already identified.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and prudent use of land.	+	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively small site (2.66 ha) on mainly on brownfield land; therefore a minor positive effect is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	<p>This is a relatively small site (2.66 ha) and is mainly on brownfield land; therefore development here could have a minor positive effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in an area classed as 'urban' in the 2015 Landscape Character Assessment for Kirklees.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	-?	Historic England has rated this site as 'yellow' in terms of the potential for effects on the historic environment, as it considers that the development of the site could impact on the nearby Grade II listed buildings although it is expected that development at the site is unlikely to result in harm to these assets if the development accords with the anticipated Local Plan policies for managing change to the historic environment. A minor negative effect on this SA objective is therefore likely although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to	--?	Sir John Ramsden Canal Candidate Wildlife Site is approximately 45m to the east of this site; therefore, a significant

SA Objectives	SA Score	Justification
protect and enhance biodiversity and geodiversity.		negative effect on this SA objective may occur. Given that development may present opportunities to include habitat connectivity measures through the provision of green infrastructure etc. this negative effect is recorded as uncertain.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	0	This site is on brownfield land and outside of flood zones 2 and 3; therefore a negligible effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on brownfield land so may have a minor positive effect on this objective.
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++	The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to all of the eight features assessed. Therefore, a significant positive effect is likely. In addition, this site would incorporate employment (commercial) development and the heatmapping work has shown that 68,023 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, reinforcing the already significant positive effect. Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 3: education (part of a mixed effect), 4: health, 8: recreation and leisure (part of an overall mixed effect), 10: sustainable transport and 19: climate change. A potential significant negative effect was identified in relation to SA objective 5: amenity. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		

MX2155

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	++	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by ensuring that new job opportunities are provided to match the population growth that is being planned for within the Local Plan. Co-locating employment and residential development as part of a mixed use site will have particularly positive effects as this approach will help to ensure that job opportunities are easily accessible. This is a mixed use site which would incorporate both employment and residential development; therefore a significant positive effect is likely.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	The provision of new employment development within a mixed use site in any location is likely to have a positive effect on this objective by encouraging economic growth. This site would incorporate employment provision; therefore a minor positive effect is likely.
3. Ensure education facilities are available to all.	++?	<p>The effects of mixed use development (which incorporates housing) on this objective will depend to some extent on the availability of school and college places to serve the growing population - this will depend in part on whether new places are provided as part of the new development, which is unknown at this stage.</p> <p>This site would incorporate residential development and the most accessible area is in the far north of the site which is within 5 minutes travel time of a primary school and 11-15 minutes of a secondary school. The least accessible area is in the south of the site where it is 6-10 minutes to a primary school and 16-20 minutes to a secondary school. However, overall a significant positive effect is likely for the whole site. The site is located within 31-35 minutes travel time of a centre for further education.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	+	<p>The location of mixed use sites (which incorporate housing) will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from residential development there will be positive effects on residents' health.</p> <p>Most of this site is within 5 minutes travel time of a GP (aside from the northern area of the site which is within 6-10 minutes travel time). Most of the site is also within 41-45 minutes travel time of a hospital (aside from the northern area of the site, which is within 51-55 minutes travel time); therefore a minor positive effect is expected. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	--	<p>Where new development is proposed within close proximity of sensitive receptors (e.g. existing houses, schools, hospitals etc.), there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. Mixed use development (incorporating residential) within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>The northern area of the site is adjacent to the A62 (Leeds Road) and the western area of the site is adjacent to the A62 (Southgate Road) which may result in noise pollution affecting residents in those parts of the site. A significant negative effect on this SA objective is therefore likely. There are also a number of existing residential properties within 100m to the north which may be affected by noise during the construction phase.</p>

SA Objectives	SA Score	Justification
6. Retain and enhance access to local services and facilities.	+	<p>Where development will incorporate residential provision, the location of the site could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>This site would incorporate residential development. This site is within 11-15 minutes travel time of a local centre and 6-10 minutes of a town/district centre; therefore a minor positive effect is likely.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	<p>The effects of new mixed use development on levels of crime and fear of crime will depend on factors such as the incorporation of green space within development sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of development (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential mixed use sites on this SA objective will be negligible.</p>
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++/--?	<p>Residential development is proposed to be included on this site. The site currently includes an area of semi-natural and natural greenspace which could be lost as a result of housing development. However, the site is also within 600m of a number of recreational and leisure facilities, including several Public Rights of Way and a national cycle route. Open space designations nearby include an amenity greenspace, green corridor, two park and gardens and another semi-natural and natural greenspace to the south of the site. There are also two nearby sites containing provision for children and young people and two outdoor sports facilities, including Whitcliffe Mount Sports Centre. Therefore, overall a mixed (significant positive and potential significant negative) effect is identified.</p>
9. Ensure all people are able to live in a decent home which meets their needs.	+?	<p>All of the potential mixed use sites that would incorporate residential development are expected to have positive effects on this objective, due to the nature of the development proposed, and it is assumed that the developments will include an appropriate proportion of affordable housing. This site would include residential development, however it is relatively small (0.7ha); therefore a minor positive effect is likely. However, this is uncertain depending on what proportion of the mixed use site is used for housing as opposed to employment development.</p>
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	++/+	<p>How well connected mixed use sites (those that incorporate residential development) are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. Where sites would also incorporate employment development, effects will also be influenced by how easily employees commuting to and from the site can make use of sustainable transport modes.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to six out of the eight features assessed. Therefore, a significant positive effect is likely. This site would also incorporate employment development and the heatmapping work has shown that 21,236 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which could result in a minor positive effect on this SA objective also. Overall a mixed effect (significant positive/minor positive) is expected on this SA objective.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
11. Secure the efficient and	+	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of</p>

SA Objectives	SA Score	Justification
prudent use of land.		land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively small site (0.7ha) on mainly on brownfield land (the site contains industrial buildings to the south and a small area of semi-natural and natural greenspace to the north); therefore a minor positive effect is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	+?	<p>This is a relatively small site (0.7 ha) which is located mainly on brownfield land (the site contains industrial buildings to the south and a small area of semi-natural and natural greenspace to the north); therefore development here could have a minor positive effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies mainly in an area classed as 'urban' in the 2015 Landscape Character Assessment for Kirklees.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	<p>Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment as it is considered unlikely to result in any harm to any designated heritage asset.</p> <p>The effect on this SA objective is therefore negligible and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.</p>
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0?	<p>The site is not within 1km of any designated biodiversity sites (Hunsworth Great Wood and Little Wood Candidate Local Wildlife Site is the closest site and is located approximately 1.7 km to the north). As such, a negligible effect is recorded on this SA objective. Given that there may be opportunities to promote habitat connectivity through the inclusion of green infrastructure with any development the effect is noted to be uncertain.</p>
15. Reduce air, water and soil pollution.	0	<p>This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.</p>
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	0	<p>This site is located mainly on brownfield land and outside of flood zones 2 and 3; therefore a negligible effect is likely.</p>
17. Increase prevention, re-use, recovery and recycling of waste close to source.	+?	<p>Where mixed use development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is located mainly on brownfield land so may have a minor positive effect on this objective.</p>

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new mixed development is likely to involve an increase in energy and water consumption this will not be influenced by the location of mixed development sites. Similarly, all mixed development will result in the increased consumption of minerals for construction but this will not be influenced by the location of mixed use sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	++/+	<p>The location of mixed use development (those that incorporate residential development) will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site would incorporate residential development and in the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly or entirely 'green' in terms of its access to six out of the eight features assessed. Therefore, a significant positive effect is likely. This site would also incorporate employment development and the heatmapping work has shown that 21,236 people (aged 16-64) would be able to access this site via sustainable transport within 20 minutes, which could result in a minor positive effect on this SA objective also. Overall a mixed effect (significant positive/minor positive) is expected on this SA objective.</p> <p>Co-locating residential and employment development within the site may also mean that there are good opportunities for people to live and work in close proximity and therefore to commute on foot.</p>
<p>Summary of SA findings: Potential significant positive effects were identified in relation to objectives 1: employment, 3: education, 8: recreation and leisure, 10: sustainable transport and 19: climate change (the positive effect identified was part of an overall mixed effect for these final 3 SA objectives). A potential significant negative effect was identified in relation to SA objectives 5: amenity and 8: recreation and leisure (this negative effect was identified as part of an overall mixed effect). These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		