

Barnsley Council's

Comprehensive Health Impact Assessment for Planning (HIA) Tool v.3

**Proposal Name: Land South of Barugh Green Road (Local
Plan Site Allocation 'MU1')**

Guidance for using this Comprehensive Health Impact Assessment (HIA) for planning tool (adapted from Wakefield Council's framework & guidance)

Where the term '**proposal**' is used, it refers to the proposed development.

Section 1) Start the HIA process by identifying the specific population groups (Table A) and parts of the borough (Table B) that will be most affected by the proposal.

Section 2) Provide background information on the proposal being assessed.

Section 3) Identify and assess the impacts of the proposal on health and wellbeing; and recommend what can be done to maximise positive and minimise negative impacts.

a) Impact – Consider if the proposal will have an impact relating to each of the categories listed and if this impact will be positive or negative. Assess the impact separately for the different populations affected if the impact varies for populations you have identified. Remember an explicit aim of the impact assessment is to reduce inequalities wherever possible.

+	-
Proposal has a positive impact	Proposal has a negative impact

b) Certainty - Think about how certain you are about your assessment for each category. As far as possible, decisions should be supported using available evidence. However where there is no clear evidence the team will need to use its best judgement and may need to do further research. Where this isn't possible the team should be open and honest about this in the report.

?	!
Assumed impact. You have a gut feeling but may need to do some research.	Known impact. You know that your assessment is correct and is based on evidence.

c) Description of Impact - Note how the proposal will impact on the specific group or population.

d) Recommendation - Write recommendations in this column detailing how positive impacts could be maximised and negative impacts minimised. This may include further research that is needed to improve the certainty of your assessment.

Section 1

Table A: Which groups of the population do you think will be affected by this proposal?	
Population Groups	Please tick
Asylum seekers/refugees	<input type="checkbox"/>
Black and minority ethnic groups (incl. Gypsies and Travellers) and/or non BME groups	<input type="checkbox"/>
People living in areas of deprivation	<input type="checkbox"/>
People with a disability (i.e. physical, mental and learning)	<input type="checkbox"/>
Families with young children	<input type="checkbox"/>
Sex – male/female/intersex	<input type="checkbox"/>
Trans	<input type="checkbox"/>
Geographic groups – rural/urban/neighbouring areas	<input type="checkbox"/>
Homeless people	<input type="checkbox"/>
Lesbian, gay, bisexual	<input type="checkbox"/>
Age: Children/young people – 0 – 19 years	<input type="checkbox"/>
Adults – 18 – 64 years;	<input type="checkbox"/>
Older people – 50+ years	<input type="checkbox"/>
Religious or belief groups	<input type="checkbox"/>
Visitors or those working in the district	<input type="checkbox"/>
ALL Groups	<input checked="" type="checkbox"/>
Others (please state below)	<input type="checkbox"/>

Table B: Which particular parts of the borough do you think will be most affected by this proposal?	
District Boundaries	Please tick
Central	<input type="checkbox"/>
Cudworth	<input type="checkbox"/>
Darfield	<input type="checkbox"/>
Darton East	<input type="checkbox"/>
Darton West	<input checked="" type="checkbox"/>
Dearne North	<input type="checkbox"/>
Dearne South	<input type="checkbox"/>
Dodworth	<input checked="" type="checkbox"/>
Hoyland Milton	<input type="checkbox"/>
Kingstone	<input checked="" type="checkbox"/>
Monk Bretton	<input type="checkbox"/>
North East	<input type="checkbox"/>
Old Town	<input checked="" type="checkbox"/>
Penistone East	<input checked="" type="checkbox"/>
Penistone West	<input type="checkbox"/>
Rockingham	<input type="checkbox"/>
Royston	<input type="checkbox"/>
St Helens	<input type="checkbox"/>
Stairfoot	<input type="checkbox"/>
Wombwell	<input type="checkbox"/>
Worsborough	<input type="checkbox"/>
Borough Wide	<input checked="" type="checkbox"/>
Area Councils (6)	<input type="checkbox"/>

Section 2

PROPOSAL SUMMARY

2.1 Please prove a brief summary of the proposal

The proposed development comprises a mixed-use development to provide up to 1,760 new homes and up to 43 hectares of employment land, part of which would be for Use Class E/B2/B8 and part of which would be for Use Class B2/B8 (currently understood to equate to 120,509.3 sqm of employment floorspace, of which 114,131.5 sqm would be for Use Class B2/B8 and 6,377.8 sqm would be for Use Class E/B2/B8). In addition, the proposals will provide:

- Part of the Link Road between M1, Junction 37 and the A635, Barugh Green Road (The section from Higham Lane to Barugh Green Road).
- A new primary school.
- Small local shops and community facilities.
- Strategic areas of greenspace and wildlife corridors.

2.2 Have the following been consulted? (please tick)

	YES	NO	N/A
Regulatory services- Environmental Health	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environment Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Health Protection Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Highways England	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The local community	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.3 Who else has been involved in the development of the proposal and how have they been involved? Please also detail any changes that have been made as a result of this involvement?

A number of companies responded to the scoping report submitted as part of the Environmental Statement. These were:

- Barnsley Metropolitan Borough Council (with responses received on: energy and sustainability; mining; enterprising; public consultation; housing strategy and growth; building heights; pollution control, drainage; countryside and biodiversity; Superfast South Yorkshire; public rights of way; forestry; noise/air; highways; public health; ground; urban design and school admissions.
- Trans Pennine Trail.
- Yorkshire Water.
- NHS.
- Coal Authority.

- Highways England.

As detailed in section 3.0 of the Design and Access Statement associated with the proposed development, the proposals have evolved over the last few years. The Masterplan Framework (adopted December 2019) outlines the design evolution process for future proposals. Using this as a starting point, the focus during design development has been to understand the new technical information and its impact on the scheme and retaining the principles and placemaking strategy set out in the illustrative masterplan. Since adoption, the key technical resolution has been:

- With developed information available on the proposed cut and fill levels for the areas within this application, adapting the adopted masterplan to align to the strategy and principles set out in the masterplan framework.
- This has been achieved through a series of Technical Workshops across the design team that retains the integrity of the vision set out in Masterplan Framework.
- This process ensures that what is put forward can be delivered through workable parcels of land for building, roads, paths, infrastructure etc. Some modification have been made as a consequence of new information but the strategy, principles and vision set out in the framework are retained within the developed proposal.

Despite alterations to the design of the site, the principles, vision and strategy set out in the adopted framework have been retained.

Section 3

What impact will the proposal have on?

Housing	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
<p>Housing is in an appropriate location (e.g. close to services and amenities appropriate to the needs of people living there and away from sources of noise and air pollution.)</p>	✓			✓	<p>The vision for the Barnsley West is to provide a new sustainable community, combining high quality new homes with new jobs, facilities and plentiful open space, available to new and existing residents – A special place of well-being, to enjoy for living, working and learning.</p> <p>Barnsley has a significant increasing need for housing and employment space. Barnsley West will play an essential role in realising that requirement over the next 15-20 years.</p> <p>The site is strategically located for a high-quality, sustainable, mixed-use community. Acting as an urban extension of Barnsley, health and wellbeing is at the heart of the proposals which have been a landscape-led development. Barnsley West will create a more productive landscape for walking, cycling, growing food and biodiversity.</p>	<p>The location is appropriate as the site was allocated for mixed use development in Barnsley’s Local Plan (Site MU1) with an allocation for around 1,700 new homes and 43 hectares of employment land.</p>

What impact will the proposal have on?

Housing	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Provision of a range of varied home tenures and sizes	✓			✓	<p>A high quality, medium density development is proposed. The scheme will provide a wide range of family homes and with an affordable amount that meets the policy criteria for Barnsley. The proposed mix will meet the needs of the Local Authority and ensures that the site can also provide the affordable homes that are most needed.</p> <p>The housing provides a mix of family homes across 3,4 and 5 bed offerings with detached, semi-detached and terraced products that will meet a diverse range of requirements.</p>	Ensure the proposed size and tenures are delivered, plus highlight importance of the affordable element.
Provision of sustainable homes (as determined through Building Regulations)	✓			✓	The homes will be built to standard building regulations.	
Provision of homes that are highly energy efficient (e.g. have a high SAP rating.)	✓			✓	The Energy Statement associated with the proposed development states that it will prioritise an overall reduction in energy demand as the most effective way in which to minimise environmental impacts associated with energy use. The use of energy efficient technologies, in	Ensure the scheme is built in line with the priorities outlined in the Energy Statement.

What impact will the proposal have on?

Housing	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					addition to low carbon and renewable technologies to supply the remaining energy shall result in lower greenhouse gas emissions as compared with the use of conventional alternatives.	
Provision of affordable homes for purchase and/or rent (in line with planning policy.)	✓			✓	Discussions with Barnsley Council have indicated that a 16% provision will be required across the site, as it sits within three different market areas.	Ensure the affordable provision is delivered, as per the Council's guidance.
Provision of homes that maximize utility, independence and quality of life (e.g. Lifetime Homes standards.)	✓			✓	A 'Building for Life Compliance' assessment can be found in section 6 of the Design and Access Statement associated with the application. It shows how the proposed development complies with the 12 build for life requirements: connections, facilities & services. Public transport, meeting local housing requirements, character, working with the site & context, creating well-designed streets & spaces, easy to find your way around, streets for all, car parking, public & private spaces and external storage and amenity space.	-

What impact will the proposal have on?

Housing	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Provision of homes that are wheelchair accessible.	✓		✓		The homes will be built to standard regulations, which ensure the needs of the population are met in a consistent manner.	-
Promotion of good design in terms of layout and orientation (e.g. internal space, access to sunlight, etc.)	✓			✓	Barnsley West Council adopted its 'Barnsley West Masterplan Framework: Design Code Principles' document in December 2019. It outlines what the council will require a Design Code compliance statement for full applications, as an appendix to the design and access statement. Section 5 of the Design and Access Statement associated with the application sets out how the scheme aligns to and is compliant with the Design Code.	-

What impact will the proposal have on?						
Physical Activity	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Prioritising and encouraging walking (e.g. wide safe streets, Living Streets/ HomeZones, traffic calming.)	✓			✓	The site has a strong existing network of rights of way and footpaths and the intention is that the development would continue to provide a diverse network of linkages, either running through the areas of strategic greenspace or the new areas of residential development. Further detail regarding the likely future pedestrian access across the site is provided in Chapters 6 (LVIA) and 8 (Transport) of the EIA.	-
Prioritising and encouraging cycling (e.g. provision of cycle lanes, cycle parking, showers and lockers.)	✓			✓	As stated above, the site has a strong existing network of rights of way and footpaths and the intention is that the development would continue to provide a diverse network of linkages, either running through the areas of strategic greenspace or the new areas of residential development. Further detail regarding the likely future pedestrian access across the site is provided in Chapters 6 (LVIA) and 8 (Transport) of the EIA.	-

What impact will the proposal have on?						
Physical Activity	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Provision and safeguarding of and access to open spaces (e.g. parks, play areas, natural spaces, sports fields.)	✓			✓	<p>The open spaces on-site will be welcoming, safe and accessible for all.</p> <p>Gillespies have produced a Landscape Chapter to sit alongside the DAS on the makeup of the greenspace on-site. It details that the proposed open greenspace on-site will include: landscaping, a local area for play, a local equipped area of play, a neighbourhood equipped area for play, sustainable urban drainage and an extensive planting schedule. The planting schedule will include planting trees, native shrubs, mixed wetland scrub, hedgerows, ornamental planting, wet meadow, wildflower meadow, embankment meadow and amenity grass.</p> <p>Barnsley Council have a supplementary planning document, adopted in May 2019, which sets out open space provision required on new housing developments. It states that: <i>“A minimum of 15% of the gross site area of new housing development must be open space of a type appropriate to the character of the site, its location and the layout and</i></p>	-

What impact will the proposal have on?						
Physical Activity	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					<i>nature of the new housing and adjoining land uses.</i> ” The DAS associated with the proposed development states that the total greenspace on-site will be 227,072.2 sq. m. This greenspace on-site will account for around 30% of the total area for the housing element of the scheme – double the requirement set out in the SPD document.	
Wheelchair and pushchair access to open spaces (e.g. parks, play areas, natural spaces, sports fields.)	✓		✓		As stated above, the site will be accessible to everyone, including wheelchair and pushchair users.	-
Ensuring buildings are designed to maximise participation in physical activity (e.g. prominent stairwell positioning, prominent and secure cycle parking.)	✓			✓	The site has a strong existing network of rights of way and footpaths and the intention is that the development would continue to provide a diverse network of linkages and key pedestrian footpaths and cycleways throughout the site. The site has a strong existing network of rights of way and footpaths. These will be retained to create accessible pedestrian and cycle routes into and throughout the development. The strategic location makes sure the site is well connected to local amenities,	-

What impact will the proposal have on?						
Physical Activity	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					schools and roads. This will help to encourage active travel and residents to be physically active.	
Opportunities for active play and exercise (e.g. playing fields, traffic calmed streets, access to open spaces, gyms facilities.)	✓			✓	<p>An extensive area of green space is illustrated on the Parameters Plan associated with both the residential element of the scheme and the employment element of the site. This would include some degree of retention of the woodland which is currently located towards the eastern boundary of the site. Further details regarding the likely form and nature of the strategic green space are provided in Chapters 6 (LVIA) and 7 (Ecology) of the EIA. However, it is likely that that this would include for areas of vegetation planting, accessible public open space and formal and informal children's play areas. It is intended that this network delivers biodiversity gain; maintains, extends and enhances existing green infrastructure; and helps to plan for climate change.</p> <p>Section 5.12 of the Design and Access Statement associated with the</p>	-

What impact will the proposal have on?						
Physical Activity	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					application sets out how the site complies with the health & wellbeing element of the Council's Design Code. It shows that the site complies with all seven of the of the health & wellbeing elements: landscape-led layout that promotes a strong connection to the landscape; engaging with the local and wider community; places to meet, socialise and play; encourage walking, cycling and public transport use; safety and natural surveillance; responsive to microclimate and environmental context; and identity and sense of place.	

What impact will the proposal have on?						
Diet and nutrition	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Facilitating local access to a supply of affordable, healthy food.	✓		✓		The proposed development includes small scale convenience retail and community facilities. The proposed new services are carefully and strategically located within the centre of the site and near to one another. Existing facilities and services also already surround the site.	There is an opportunity for the convenience retail on-site to provide healthy food options to local residents.
Avoiding the local food supply being monopolised by a single provider.					N/A – only small scale convenience retail is proposed on-site.	-
Avoiding contributing towards over concentration of fast food / unhealthy food outlets in a single area, in particular along school routes.	✓		✓		The proposals do not include fast food restaurants or hot food takeaways.	-
Facilitating access to community based healthy eating initiatives (e.g. Area Councils/ Family Centres/, schools food growing projects, Community Cafes, Allotments etc)	✓		✓		There will be community facilities on-site which could potentially facilitate community based healthy eating initiatives.	-

What impact will the proposal have on?						
Diet and nutrition	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Safeguarding loss of allotments, good agricultural land, gardens or other growing land.					N/A – the existing site is a former open-cast mining site. It is not currently used as allotments.	

What impact will the proposal have on?						
Air quality and noise	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Minimising construction impacts (e.g. dust, congestion, construction noise)		✓		✓	The transport chapter of the ES associated with the application finds that the movement of construction traffic may result in temporary adverse effects on the operation of the local road network (in terms of pedestrian and driver delay on the main access routes to and from the Site) and may also adversely affect pedestrian amenity, severance, fear and intimidation, and increase the risk of accidents and safety. In addition, HGVs accessing the Site during the construction phase vehicles could carry mud or dust on to the local road network.	Standard measures will be in place to minimise traffic and associated disruption during the construction phase however the likely effects of construction traffic on the main routes to and from the Site are considered to be temporary and short term. Potential construction phase effects will be mitigated, as far as possible, through the CEMP and CTMP which will be secured through planning conditions and would require the method of working to be approved by BMBC highways.
Minimising Air pollution (e.g. from increased motor traffic, industrial developments)		✓		✓	The air quality chapter of the ES associated with the application states that in accordance with the methodology detailed in the IAQM guidance, the construction phase assessment assumes that no mitigation measures are applied, except those required by legislation. For the road traffic emissions associated with the operational phase, the chapter concludes that all predicted NO ₂ , PM ₁₀ and PM _{2.5} concentrations are below the relevant objectives and limit values and	The air quality chapter recommends further site-specific measures (e.g. best practice Dust Mitigation Plan) where the risk of dust impacts is not classed as negligible.

What impact will the proposal have on?					
Air quality and noise	Impact		Certainty	Description of impact	Recommendation (to minimise or
				furthermore that the Development will have negligible effects on the assessed existing sensitive receptors in the Opening and Future Years.	
Minimising Noise pollution		✓	✓	<p>The noise chapter of the ES associated with the application states that, with regard to potential noise impacts associated with the construction of the Proposed Development, the assessment has determined that there is likely to be a temporary major effect on dwellings to the west of the site when the Phase 1 area is worked.</p> <p>Looking at the operational phase, the chapter concludes the following:</p> <ul style="list-style-type: none"> - Road traffic impact: determined a moderate effect at a dwelling on Hermit Lane. In order to mitigate the effect, a noise barrier has been proposed. - Impact of commercial/industrial use: potential noise break-out from industrial units (and associated service yards areas) in the employment area has been 	<p>In order to mitigate the effects of the increased noise during the construction phase, the noise chapter of the ES recommends the following mitigation measures:</p> <ul style="list-style-type: none"> - An acoustic barrier along the western boundary of the Phase 1 area. - Implementation of best practice mitigation measures in the form of a Construction Environmental Management Plan ('CEMP') - Control of construction hours.

What impact will the proposal have on?					
Air quality and noise	Impact		Certainty	Description of impact	Recommendation (to minimise or
				<p>considered. The assessment determined that low impacts are expected at the nearest noise sensitive receptors (proposed or existing); therefore, no mitigation measures are required.</p> <ul style="list-style-type: none"> - Impact of school sports facilities: the chapter found that there is likely to be a major effect, therefore mitigation measures will be in the form of ensuring an appropriate distance between the proposed dwellings and the school sports field. - Extant environmental noise: The assessment of internal noise levels, due to extant environmental noise, in proposed dwellings with open windows has determined moderate effects for proposed habitable areas at the most exposed parts of the site. Therefore, mitigation measures are required in the form of appropriate glazing and ventilation to the dwellings. <p>The chapter also reviews the impact of potential future noise (due to the link road) on the proposed residential</p>	

What impact will the proposal have on?

Air quality and noise	Impact		Certainty		Description of impact	Recommendation (to minimise or
					development and the proposed school.	

What impact will the proposal have on?						
Transport	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Traffic calming and the reduction of road traffic injures	✓		✓		<p>It is predicted that the speed of traffic across the study area will not be materially affected by the Development and therefore vehicle speed data has not been presented or reviewed as part of the assessment in the highways chapter of the ES associated with the application.</p> <p>The site does link to existing pedestrian and cycle routes with existing crossing points.</p>	-
Reducing need to travel especially by car (e.g. locating developments close to local facilities.)	✓			✓	As detailed in the Design and Access Statement associated with the application, public transport access is available locally throughout the site and a layout has been provided that connects new and existing settlements. In doing so this creates a framework for public transport to come through the site and thus enhance local access.	-
Provision and enhancement of access to public transport network (e.g. bus and rail)	✓			✓	As stated above, the site will link well to existing public transport networks, pedestrian and cycle routes.	-

What impact will the proposal have on?						
Transport	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Provision and enhancement of sustainable transport facilities (e.g. EV charging points, cycle parking, cycle lanes, advanced stop boxes, pedestrian and cycle crossings)	✓			✓	Integrated cycle storage will be included for each house and the site layout plans associated with the application show that there will be numerous EV charging points on-site.	-
Needs of people who are car dependant (e.g. people with mobility problems.)	✓			✓	The site will have car parking which aligns to local policy and includes visitor provision.	-

What impact will the proposal have on?						
Crime Reduction and Community Safety	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Crime prevention (e.g. reducing opportunities for people to commit crime.)	✓			✓	The Design and Access Statement associated with the application states that the layout has referenced the principles of good urban design guidance and has considered aspects such as well connected and well lit streets and natural surveillance.	-
Reducing the fear of crime (e.g. creating a safe and unthreatening environment.)	✓			✓	The layout has referenced the principles of good urban design guidance and has considered aspects such as well connected and well lit streets and natural surveillance. This will create a safe and unthreatening environment that will help to reduce fear of crime.	-
Promoting optimum use of buildings and public spaces by a variety of different groups.	✓		✓		There are also a number of community facilities in the area surrounding the site including primary schools and churches which will encourage a variety of different groups to move into, work in and use the proposed development.	-
Promoting a sense of ownership, respect, territorial responsibility and community.	✓		✓		The community facilities proposed on-site will help to promote a sense of ownership and responsibility in the local community.	-

What impact will the proposal have on?						
Crime Reduction and Community Safety	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Making security, management and maintenance easy.	✓			✓	An appropriate solution to ongoing site security, management and maintenance will be provided and its delivery is able to be secured through appropriately worded planning conditions.	

What impact will the proposal have on?						
Alcohol, tobacco and Illegal drugs	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Preventing the oversupply of alcohol in a specific area					N/A	-
Preventing the oversupply of tobacco in a specific area					N/A	-
De-normalising the use of tobacco e.g. smoke free areas/zones.					N/A	-
Creating an environment that discourages illegal drug use (e.g. creating well lit, highly visible public spaces.)	✓			✓	The Design and Access Statement associated with the application states that the layout has referenced the principles of good urban design guidance and has considered aspects such as well connected and well lit streets and natural surveillance. This will discourage illegal drug use.	

What impact will the proposal have on?						
Economy and Employment	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Access to employment and training opportunities.	✓			✓	The socio-economic and health chapter of the ES associated with the application estimates that the employment floorspace will support 2,362 gross jobs on site. For the construction phase, an estimated 405 temporary jobs could be supported per annum both on site and in the wider economy.	Work with the Council and/or LEP to development an Employment & Skills Plan for the scheme. This can identify how local businesses can benefit from procurement opportunities during the build phase, as well as outlining how job opportunities can be promoted to local residents – during both the construction phase and once the scheme is built.
Provision of a diversity of job opportunities.	✓			✓	The jobs supported on-site will be across a number of different sectors including education, retail, manufacturing, transport & storage and leisure. The indirect/induced jobs supported by the development will fall across an even wider range of sectors.	Work with the Council and/or LEP to development an Employment & Skills Plan for the scheme.
Provision of accessible employment opportunities appropriate to the skill sets present in local community.	✓			✓	The proposed development will provide employment for people with a range of skills in a range of occupations. This will suit a wide range of people living in the local community.	Work with the Council and/or LEP to development an Employment & Skills Plan for the scheme.

What impact will the proposal have on?						
Economy and Employment	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Provision of child care facilities and other support services.					N/A	-
Supporting business start-up, development and survival.	✓			✓	The 43 hectares of employment land will be available for new businesses and businesses looking to expand. This will help to improve business start-up and long-term business survival rates in Barnsley.	-
Provision of a safe and pleasant working environment.	✓			✓	The site is designed around natural surveillance to promote safety and the areas of strategic greenspace and wildlife corridors will create a pleasant environment for workers on-site.	-
Creating an attractive business location that encourages investment (e.g. good infrastructure; clean and pleasant environment.)	✓			✓	The infrastructure and the pleasant environment on-site will encourage business to move in and invest further.	Site promotion will be necessary. There is an opportunity to work with Sheffield City Region Local Enterprise Partnership to highlight the opportunities on-site in terms of the business accommodation available, which will encourage investment.

What impact will the proposal have on?						
Climate Change and Energy Usage	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Promoting renewable energy use (e.g. wind and solar)	✓			✓	<p>The Energy Statement associated with the application states that the proposed development shall seek to follow the energy hierarchy to reduce carbon emissions through firstly the incorporation of energy reduction and energy efficiency measures, before investigating the feasibility of a number of potentially appropriate renewable and low carbon energy technologies, before finally conventional energy solutions will be considered for any remaining generation.</p> <p>The phases of development will include for non-domestic building uses and will aim for a BREEAM Very Good rating where practical and cost-effective. A BREEAM pre-assessment will be undertaken prior to the reserved matters applications to ascertain if BREEAM Very Good can be achieved.</p>	Ensure the development is built in line with the priorities outlined in the Energy Statement.

What impact will the proposal have on?						
Climate Change and Energy Usage	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Reducing carbon emissions and pollution (e.g. insulation, sustainable construction methods, EV charging points)	✓		✓		<p>The Energy Statement states that the use of energy efficient technologies, in addition to low carbon and renewable technologies to supply the remaining energy shall result in lower greenhouse gas emissions as compared with the use of conventional alternatives.</p> <p>Site layout plans show that there will be numerous EV charging points on-site.</p>	Ensure the development is built in line with the priorities outlined in the Energy Statement.
Minimising risk of flooding (e.g. sustainable drainage systems to safely deal with surface run off)	✓			✓	<p>The flood risk assessment associated with the application shows that the site falls within flood zone 1 and NPPF Technical Guidance states that residential and Industrial/Commercial uses are considered Less Vulnerable in terms of flood risk and are appropriate in Flood Zone 1. The report considered all potential sources of flood risk at the site and concluded these to be low for all sources. Overall, the report demonstrates that the flood risk to the development is reasonable and acceptable.</p>	-

What impact will the proposal have on?						
Waste, Resource Minimisation and Land Use	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Reducing pollution (e.g. to air, water and soil.)	✓			✓	<p>The air quality chapter of the ES associated with the application states that in accordance with the methodology detailed in the IAQM guidance, the construction phase assessment assumes that no mitigation measures are applied, except those required by legislation.</p> <p>For the road traffic emissions associated with the operational phase, the chapter concludes that all predicted NO₂, PM₁₀ and PM_{2.5} concentrations are below the relevant objectives and limit values and furthermore that the Development will have negligible effects on the assessed existing sensitive receptors in the Opening and Future Years.</p> <p>The Drainage Strategy associated with the application also states that the developer should consider water quality of any receiving water body and that it is not adversely affected by the development. It states that a correctly designed and sized SuDs feature can also enhance a development by providing source control and amenity/green infrastructure.</p>	As noted in the Drainage Strategy, where possible and practical to do so SuDs features shall be incorporated into the design.

What impact will the proposal have on?						
Waste, Resource Minimisation and Land Use	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					Where possible and practical to do so SuDs features shall be incorporated into the design.	
Minimising waste and use of materials during the construction process	✓		✓		The climate change chapter of the ES associated with the proposed development states that the construction of the development will result in GHG emissions from various activities, both on and off-site, including the consumption of fossil fuels by construction plant and vehicles, the generation of consumed mains electricity, the manufacture of construction materials, and the transport to / from site of workers, materials and wastes.	The process of minimising waste and the use of materials during the construction process will be set out in further detail in the CEMP and CTMP which will be secured through planning conditions.
Minimising the impact of dealing with waste created (e.g. increase traffic generated by transporting waste off site to be processed.)		✓	✓		A letter from Yorkshire Water, which can be found in Appendix F of the Drainage Impact Assessment associated with the application, states that the local Waste Water Treatment Works (WWTW) is Lundwood. It is understood that this WWTW may only have limited spare capacity, if any, available. Yorkshire Water have contacted the respective treatment team for more information regarding	Any recommendations will be dependent on the outcome of the capacity assessment at Lundwood WWTW.

What impact will the proposal have on?						
Waste, Resource Minimisation and Land Use	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					the impact of proposed development and have stated that they will be back in contact when assessment has been made.	
Making best use of existing land	✓			✓	The existing site is a former open-cast mining site, currently allocated in the Local Plan for the uses proposed. Therefore the development will make good use of existing land.	-
Encourage recycling (including building materials)?	✓		✓		Integrated bin storage, including recycle bins is provided externally for each house to encourage recycling.	Information on recycling of building materials during the construction phase will be set out in the CEMP and CTMP which will be secured through planning conditions.
Sustainable design and construction methods	✓			✓	Sustainable design and construction methods will be implemented where practicable. A Sustainability Statement has been prepared and forms part of the application submission. This confirms that the proposed development shall seek to follow the energy hierarchy to reduce carbon emissions through firstly the incorporation of energy reduction and energy efficiency measures, before investigating the feasibility of a	

What impact will the proposal have on?						
Waste, Resource Minimisation and Land Use	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					number of potentially appropriate renewable and low carbon energy technologies, before finally conventional energy solutions will be considered for any remaining generation.	
Protection of green space	✓			✓	<p>There will be open green spaces with wildlife corridors and watercourses throughout the site.</p> <p>Gillespies have produced a Landscape Chapter to sit alongside the DAS on the makeup of the greenspace on-site. It details that the proposed open greenspace on-site will include: landscaping, a local area for play, a local equipped area of play, a neighbourhood equipped area for play, sustainable urban drainage and an extensive planting schedule. The planting schedule will include planting trees, native shrubs, mixed wetland scrub, hedgerows, ornamental planting, wet meadow, wildflower meadow, embankment meadow and amenity grass.</p> <p>Barnsley Council have a supplementary planning document, adopted in May 2019, which sets out open space provision required on new</p>	

What impact will the proposal have on?						
Waste, Resource Minimisation and Land Use	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					housing developments. It states that: <i>“A minimum of 15% of the gross site area of new housing development must be open space of a type appropriate to the character of the site, its location and the layout and nature of the new housing and adjoining land uses.”</i> The DAS associated with the proposed development states that the total greenspace on-site will be 227,072.2 sq. m. This greenspace on-site will account for around 30% of the total area for the housing element of the scheme – double the requirement set out in the SPD document.	
Sustaining or enhancing biodiversity and geodiversity.	✓			✓	<p>The open green spaces, wildlife corridors and watercourses throughout the site will sustain and enhance biodiversity.</p> <p>The ecology chapter of the ES associated with the application states that strategic green space and drainage infrastructure will be created across the Site. Whilst providing a function to facilitate recreation and drainage, these areas will also be created and managed to benefit wildlife and biodiversity, both on Site and within the immediate surrounding areas.</p>	Further on information on how the construction and operational phases of the proposed development will impact biodiversity can be found in the ecology chapter of the ES associated with the application.

What impact will the proposal have on?						
Waste, Resource Minimisation and Land Use	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					The detailed landscaping design provided for the Phase 1 residential area shows the creation of 'traditional' wildflower meadow, scattered trees, swales, amenity grassland, native shrub planting, mixed native hedgerow, and ornamental planting. It is also proposed to enhance retain semi-improved grassland on Site to create a traditional wildflower meadow. The ecology chapter states that these habitats will benefit a range of species, including birds, bats, invertebrates and hedgehog, by providing suitable habitat for breeding, seeking refuge, foraging and commuting. In addition to the habitats detailed above, it is also proposed to translocate approx. 1 km of existing site hedgerows to the north-western site boundary. This will allow for translocation of all species-rich hedgerows which would otherwise be lost to the proposed works.	
Protecting available accessible amenity space.	✓			✓	There will be key pedestrian footpaths and cycleways throughout the site. The site also has a strong existing network of rights of way and footpaths. These will be retained to create accessible pedestrian and cycle routes into and throughout the	-

What impact will the proposal have on?						
Waste, Resource Minimisation and Land Use	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					development. The strategic location makes sure the site is well connected to local amenities, schools and roads. This will help to encourage active travel and residents to be physically active. Integrated bin storage and cycle storage will also be provided externally for each house.	

What impact will the proposal have on?						
Equality, Social Cohesion and Community	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Opportunities for communities to interact socially	✓			✓	There will be community facilities on-site which, as well as the open space provision, will encourage social interaction. The new primary school and the shops will also do this.	
Local inequalities	✓			✓	As detailed in the socio-economic and health chapter of the ES associated with the application, the 2019 Index of Multiple Deprivation provides an indication of the average levels of deprivation for Lower Layer Super Output Areas (LSOAs) across England. The Application Site falls across three LSOAs: Barnsley 012A, 012B and 012E. Barnsley 012A and 012E are in the 30% least deprived	-

What impact will the proposal have on?						
Equality, Social Cohesion and Community	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					LSOAs in England and Barnsley 012B falls within the least deprived 20% of LSOAs. Despite being a relatively affluent area, the LSOAs see the highest levels of deprivation for the health domain. Due to the scale of the scheme, there is likely to be S106 contribution towards health improvements in the area. This will help to decrease the amount of health deprivation in the area, which will lessen local inequalities.	
Creating mixed communities with a variety of tenures and uses	✓			✓	<p>The proposed development comprises a mixed-use development to provide up to 1,760 new homes and up to 43 hectares of employment land, a new primary school, small local shops and community facilities and strategic areas of greenspace.</p> <p>The housing mix provides a rich mix of family homes across 3,4 and 5 bed offerings with detached, semi-detached and terraced products that will meet a diverse range of requirements.</p>	-
Preventing community severance (e.g. new road or developments dividing a community in two)	✓			✓	The proposal will provide part of the link road between M1 Junction 27 and the A635. This will help to bring communities together, as oppose to creating community severance.	-

What impact will the proposal have on?						
Equality, Social Cohesion and Community	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					The site has a strong existing network of rights of way and footpaths and the intention is that the development would continue to provide a diverse network of linkages, either running through the areas of strategic greenspace or the new areas of residential development. This will further serve to bring communities together.	
Provision of community facilities which promote social interaction (e.g. village hall, community centre, staff room)	✓			✓	There will be community facilities on-site which will encourage social interaction.	

What impact will the proposal have on?						
Access to public services	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
Demand for and access to Health & social care services.		✓	✓		The socio-economic and health chapter associated with the proposed development found that additional pressure could potentially be placed on local health provision and secondary school places. Mitigation measures are likely to be needed and	Work with the Council to identify what S106 contributions may be needed to address pressures on health provision and secondary school places.

What impact will the proposal have on?						
Access to public services	Impact		Certainty		Description of impact	Recommendation (to minimise or maximise impact)
	+	-	?	!		
					these could come in the form of S106 contributions.	
Demand for and access to other public and community services & facilities.	✓		✓		The proposed development includes small scale convenience retail and community facilities. The proposed new services are carefully and strategically located within the centre of the site and near to one another. Existing facilities and services also already surround the site.	-
Access to buildings, spaces and services for people with mobility problems or disability impairment.	✓		✓		The site has been designed in a way to ensure that it is accessible to everyone, including people with mobility problems or disability impairment.	