



PLANNING

HEALTH IMPACT ASSESSMENT

L32 TRADING LTD

KIRKBY VALLEY GOLF COURSE

HEALTH IMPACT ASSESSMENT

On behalf of: L32 TRADING LTD

In respect of: Kirkby Valley Golf Course

Date: July 2021

Reference: 3637ma/R001m

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1.0 Introduction

- 1.1 This Health Impact Assessment (HIA) has been prepared on behalf of our client, L32 TRADING LTD, in support of the planning application for the redevelopment of Kirkby Valley Golf Course, Ingoe Lane, Kirkby, Merseyside.

Introduction to Health Impact Assessments

- 1.2 Health has been defined by the World Health Organisation as:

'a state of complete physical, mental and social well-being not just the absence of disease or infirmity' (WHO 1946)

- 1.3 Progress in the field of HIAs have led to increased recognition of the wide range of social, environmental and economic factors that contribute to human health. Factors such as environment, income, employment, transport, housing, access to public services, crime and the social and physical condition of local neighbourhoods all contribute to good and poor health.
- 1.4 Planning policies and development proposals play a key part in how the health determinants listed above change over time. As such the use of HIAs is a process used to help identify the effects a policy / project / programme may have on the health and wellbeing of local people. Even if an area of work is likely to have positive health benefits for the local population, there may be unintended negative health impacts. By assessing these issues early on, the opportunity arises to try and ensure maximum health benefits and to minimise negative impacts before they happen.

Requirement for Health Impact Assessment

- 1.5 Knowsley Council have set out within the adopted Core Strategy (2016) under Policy CS2, the key development principles for the borough. Each Development Principle set out within this policy is of key importance in the decision making process for all planning applications. Of greatest relevance for the purpose of this document is Development Policy 1 as extracted below:

'Principle 1: Promote sustainable economic development, tackle the causes of deprivation and disadvantage and narrow the gap between the richest and poorest neighbourhoods by:

a) Meeting needs for new housing, employment, retail and other service provision;

b) Improving business productivity and employment levels in Knowsley;

c) Reducing economic, environmental, education, health and other social inequalities between Knowsley and other parts of the UK; and

d) Providing opportunities for positive lifestyle choices and health improvement for people of all ages.'

- 1.6 Policy CS2 goes on to set out that the achievement of the development principles will be measured using a variety of relevant assessment types including Health Impact Assessments. The application threshold for HIAs is then set out within the council's application validation checklist which identifies that they are required for major housing, commercial and community facilities.
- 1.7 Formal pre-application advice was sought from Knowsley Council and in its written response (18/00057/PREAPP), the council confirmed the need for a HIA.

Structure of This Report

- 1.8 This report is structured as follows:
- **Chapter 2 Proposed Development** – Setting out the main design principles and quantum of development along with an introduction to the operator.
 - **Chapter 3 Scope of HIA and Methodology** – Covering the proposed factors considered within the assessment and the methodology on which these factors are identified and assessed
 - **Chapter 4 Baseline Health Profile** – Providing an overview of current health status and trends in the local area, exploring local authority and ward level data.
 - **Chapter 5 Assessment of Health Impacts** – Full assessment of the proposed development's impacts on the factors identified through Chapter 3
 - **Chapter 6 Conclusions and Recommendations** – Identification of the key findings from the Assessment at Chapter 5 and provision of recommendations for maximising health benefits and minimising health detriments moving forward with the proposals.

PROPOSED DEVELOPMENT



2.0 Proposed Development

Existing Facilities

- 2.1 Kirkby Valley Golf Course was founded in 1928. It comprises an 18 hole municipal parkland course located in the Green Belt, dissected by the River Alt. Due to the age of the course and associated clubhouse, they are deteriorating in quality, arranged in an inefficient layout, and for parts of the year unplayable due to poor drainage. There are also numerous holes which compromise health and safety due to 'blind greens', meaning the course does not adhere to the PGADC Guidelines for the safe design of golf courses.

Management and Operator

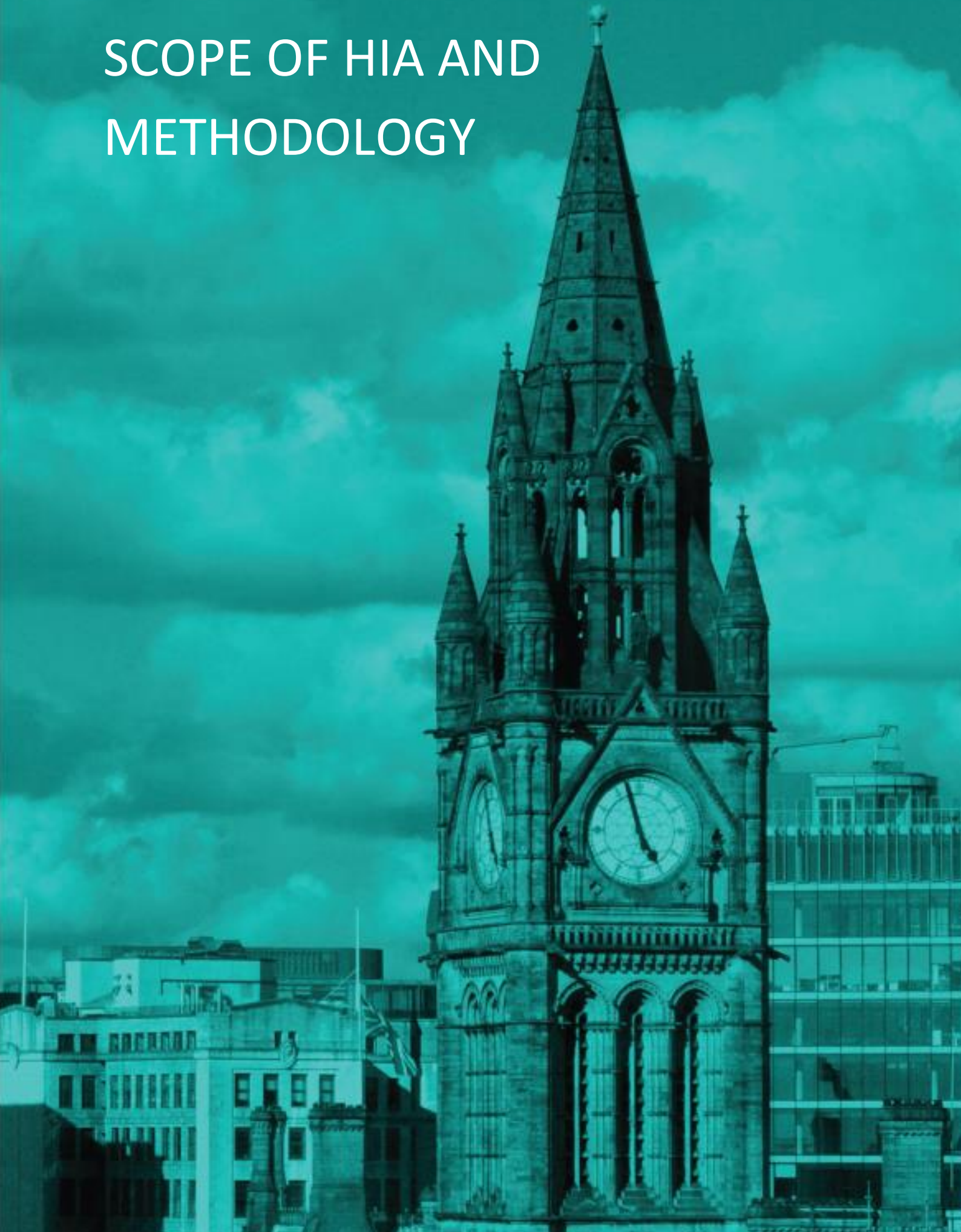
- 2.2 The course is owned by Liverpool City Council who have sought an experienced and reputable golf operator to assume management of the facility and bring private investment into the facility. As such, in 2014, the Council opted to lease the course to our client, L32 Trading Ltd, which operates the course on a 150 year lease (from March 2019).
- 2.3 L32 Trading Ltd forms part of Green Circle Estates, which controls Allerton Manor Golf Club in south Liverpool, which is the subject of considerable ongoing investment and improvement, with a current application before Liverpool City Council promoting a further £15 million of investment to deliver a range of additional golf-related facilities.
- 2.4 The applicant was also, until recently, the owner operator of owner-operator of the PGA affiliated Formby Hall Golf Course Resort which is considered one of the best facilities in the UK and is locally Sefton's largest leisure employer.
- 2.5 The experience of the applicant on other sites demonstrates their credentials in operating and developing class leading facilities and is expertise that would be brought to Formby Valley Golf Course through the proposed redevelopment.

Redevelopment Proposals

- 2.6 This application is for a full planning application submitted by L32 Trading Ltd that promotes the following development at Kirkby Valley Golf Club and Course:
- Reconfiguration and other improvement works across the entire golf course, including the reshaping of tees / greens / bunkers to provide both an improved 18 hole course and a new 9 hole course.
 - New and improved irrigation / drainage works (including irrigation lake), extensive tree and shrub planting, and ecological mitigation measures across the course.
 - The erection of a footbridge over the River Alt (to provide improved access around the course).

- The erection of a new 2 storey Clubhouse of 2,027.8 sqm GEA with associated operational / management offices, golf shop, café / restaurant, function room, changing and toilet facilities.
 - Retention, alteration and 364 sqm (GEA) extension of the existing clubhouse, and its change of use to form a golf-related / grounds maintenance training academy with associated classroom space, cafeteria and overnight accommodation for golf professionals / teachers / trainers (existing access and car park retained / unchanged).
 - A new centrally located greenkeeper's compound with associated 720 sqm GEA portal frame building to contain welfare facilities, office, training space and equipment storage and maintenance and security fencing.
 - An adventure golf course and practice putting green.
 - A golf driving range with an associated 2 storey building containing 40 driving bays (over two levels), bar / lounge, pro golf shop, training and practice rooms / facilities, and external lighting and safety netting.
 - 6 synthetic outdoor 5-a-side football pitches with associated lighting, means of enclosure and car parking.
 - 5 synthetic outdoor tennis courts with associated means of enclosure and lighting.
 - 1 external bowling green with associated timber players' hut, means of enclosure and lighting.
 - Car and cycle parking spaces to serve all of the above facilities.
 - Two new accesses created onto Valley Road.
 - The formation of a new gated access via Aintree Lane for the use of construction traffic (during construction phase) and - upon completion of development works - for the sole use of course operatives for the purposes of course management / maintenance.
- 2.7 Full details of the proposals are provided within the submitted plans and Design and Access Statement supporting this application.

SCOPE OF HIA AND METHODOLOGY



3.0 Scope of HIA and Methodology

Planning Policy and Guidance on HIAs in Planning

- 3.1 Planning for health is a priority in national planning policy. A core planning principle of the National Planning Policy Framework (NPPF), published in July 2021, focuses on the health of local communities at Chapter 8. Specifically, Paragraph 93 states:

‘To provide the social, recreational and cultural facilities and services the community needs, planning policies and decisions should:

a) plan positively for the provision and use of shared spaces, community facilities (such as local shops, meeting places, sports venues, open space, cultural buildings, public houses and places of worship) and other local services to enhance the sustainability of communities and residential environments;

b) take into account and support the delivery of local strategies to improve health, social and cultural well-being for all sections of the community;

c) guard against the unnecessary loss of valued facilities and services, particularly where this would reduce the community’s ability to meet its day-to-day needs;

d) ensure that established shops, facilities and services are able to develop and modernise, and are retained for the benefit of the community; and

e) ensure an integrated approach to considering the location of housing, economic uses and community facilities and services.’

- 3.2 The web-based Planning Practice Guidance (PPG) identifies that ‘A health impact assessment is a useful tool to use where there are expected to be significant impacts’ (Paragraph: 005 Reference ID:53-005-20190722). The use of HIAs to inform planning decisions is supported by advances in national and EU legislation in regard to Environmental Impact Assessments which require consideration of human health impacts, however this proposal has been screened out of requiring an Environmental Statement.
- 3.3 As covered in Chapter 1 of this report, Knowsley Council have also enshrined the importance of health in planning and the requirement for HIAs to consider these impacts, through its Core Strategy Policy CS2 and the council’s validation checklist.

Scope and Methodology

- 3.4 The WHO and the UK’s Department for Health and NHS have provided a variety of guidance on the production of HIAs. The NHS’s London Healthy Urban Development Unit (HUDU) in particular have provided key toolkits for establishing requirements for HIAs and how they should be carried out. When determining the need for an HIA the HUDU Healthy Urban Planning Checklist (2017)

can be used as an initial assessment on its four key factors; Healthy Homes, Active, Healthy Environments, Vibrant Neighbourhoods.

- 3.5 In this instance, the need for an HIA has already been established through adherence to Knowsley Council's adopted development plan and confirmed through formal pre-application advice. As such it is possible to move on to the more advanced toolkit, *HUDU Rapid Health Impact Assessment Tool (2017)*, which sets out the assessment matrix which is followed within Chapter 5 of this report.
- 3.6 In advance of this assessment matrix it is however necessary to identify the existing conditions in the local area. To do so data has been collected in respect of health of local residents as well as general socio-economic factors which impact upon health determinants. This information has been gathered using public data provided through Knowsley Council, Public Health England and the Office for National Statistics. Data is gathered at Local Authority scale for all of Knowsley, with some brief commentary on Liverpool and Sefton due to the proximity of their boundaries. At the closer local scale, data has been looked at for Kirkby as the main settlement to which the proposals relate.

BASELINE HEALTH PROFILE



4.0 Baseline Health Profile

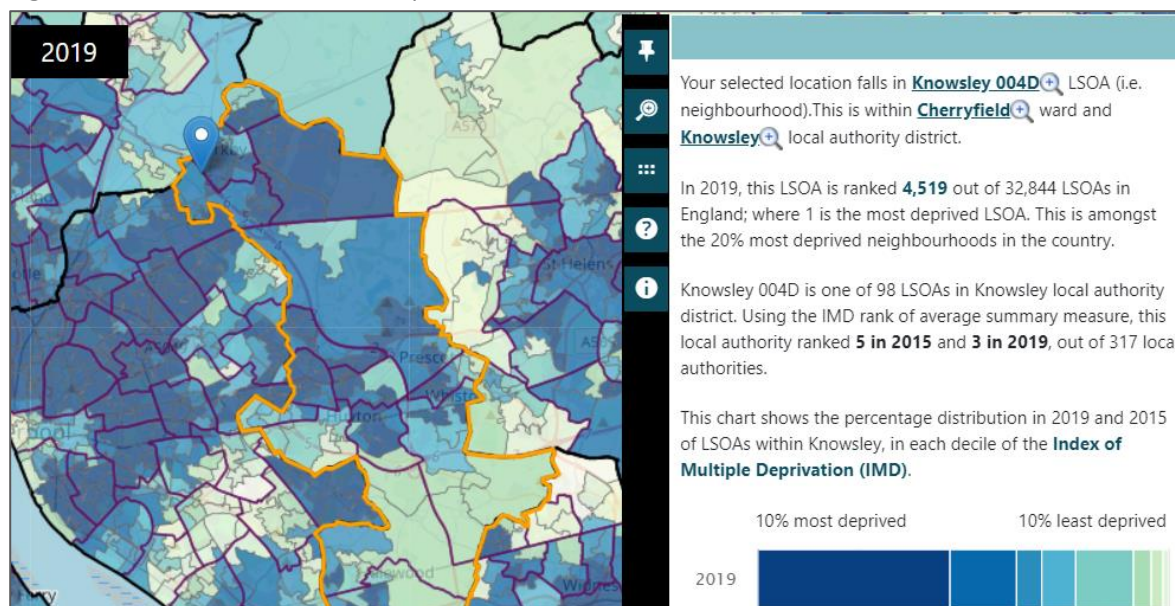
- 4.1 This section summarises the health characteristics of the study area. It focuses on matters that could be influenced by the Proposed Development in relation to relevant health determinants. The purpose is to get an understanding of the existing and future communities in and around the site to identify whether there are any specific health and wellbeing issues that should be considered in the assessment. It also allows the potential vulnerable groups that could be inequitably affected to be identified.
- 4.2 This section considers the key health characteristics of the borough as a whole and also considers the character of the existing population around the site based on the health statistics of the wards in closest proximity to the application site.

Knowsley Local Authority Profile

- 4.3 The Knowsley Local Authority Health Profile (2019 – published Feb 2020) is provided at Appendix 1 of this report. This profile is published by Public health England (PHE) and provides the most up to date information on health indicators and related socio-economic factors. Whilst provided in full at Appendix 1 a brief summary is provided below, identifying the key findings taken from this profile.
- 4.4 The PHE profile summarises the borough as follows:
- ‘The health of people in Knowsley is generally worse than the England average. Knowsley is one of the 20% most deprived districts/unitary authorities in England and 25% (7,460) of children live in low income families. Life expectancy for both men and women is lower than the England average.’*
- 4.5 Looking at the data in further detail, it is clear that Knowsley residents suffer worse physical and mental health from the most basic figures for life expectancy, mortality rates and suicide rates, all of which are classed as significantly worse than the national average and in all instances are worse even when compared with the North West region.
- 4.6 Looking at behavioural risk factors, Knowsley again scores poorly in all categories against the national average and regional figures. These factors include percentage of active adults, adult obesity, smoking and alcohol related issues. Overweight and obese adults in particular notes an increase of almost 10% above the national average and accounts for 71.2% of all adults.
- 4.7 There is a similar picture when considering children’s health indicators and of great relevance in this instance is the significant proportion of obese Year 6 children which sits more than 6% above the national average and afflicts over a quarter of Year 6 children in the borough.
- 4.8 The PHE profile also considers the wider determinants of health, taking into account household, income, employment, education, homelessness and violent crime. In all categories, with the exception of homelessness, Knowsley again is categorised as being significantly worse than the national and regional averages.

- 4.9 The data set out within the PHE profile paints a clear picture of poor health in the borough across essentially all key health determinants both, direct and indirect. This data is supported by the findings of the 2019 update to the Indices of Multiple Deprivation which found that Knowsley was the 3 most deprived Local Authority in the country based on its average rank across all deprivation factors. The extract below is taken from the IMD interactive mapping tool highlighting the LSOA in which the site lies and the wider boundary of Knowsley.

Figure 1: IMD 2019 Interactive Map Extract



- 4.10 The settlement of Kirkby is made up entirely of Lower Super Output Areas (LSOAs) within the 20% most deprived in the country, and the majority of which feature in the top 10% most deprived LSOAs.
- 4.11 Also of note is that the areas immediately to the south west of the site fall within Liverpool City Council's authority area but are equally amongst the most deprived LSOAs in the country. Liverpool as a whole is the 4th most deprived Local Authority in the country, just one rank behind Knowsley on the average of ranks across all deprivation factors.

Kirkby Local Area Profile

- 4.12 As part of the council's responsibilities for public health, local area profiles have been produced for the key areas of the borough. Of relevance to the application site is the profile for Kirkby, most recently published by the council for 2018. Due to its length and given it is a council published document it is not appended to this report, however this chapter of the report summarises the key findings of the profile to the extent that they are relevant to this application.
- 4.13 The below table summarises the key relevant pieces of data under the headings used by the council in the Kirkby Health Profile.

Indicator	Kirkby Profile Summary
Population	- Population is slowly increasing - Relatively young population - Low proportion of BME residents
Deprivation	- Most deprived of the four localities within Knowsley - Significant levels of deprivation as set out in previous subsection of this report - Over two fifths of children and older people are deprived
Disease Prevalence	- Highest prevalence is for depression, obesity and hypertension, all of which are higher than Knowsley and national averages. - Respiratory and Cardiovascular disease both significantly higher than national averages.
Life Expectancy	- Overall, significantly lower than national averages - Both male and female life expectancy is lower than the rest of Knowsley showing extent of inequality.
Mortality	- Main causes of death are Cancer, Cardiovascular, and Respiratory disease - The mortality rate in the last 6 years increased by 7.3% - The absolute gap in the mortality rate between Kirkby and Knowsley and Kirkby and England widened in the last 6 years
Lifestyle	- Childhood obesity levels in reception and year 6 are consistently higher than in Knowsley and England - Highest rates of childhood obesity of the four locality areas in both reception and year 6 years in 2016/17 - Childhood obesity in both reception and year 6 have increased over the last 5 years at a faster rate when compared to Knowsley and England - Adult obesity is higher than in Knowsley and England - Smoking rates are higher than in Knowsley and England - Smoking is the highest of the four locality areas
Education	GCSE achievement is significantly lower than Knowsley and England
Employment and Benefits	13.8% of residents claim Employment Support Allowance, higher than Knowsley and the 2nd highest in England 3.4% of residents claim Job Seekers Allowance and universal credit, higher than England
Housing	- Most people own their own home outright or with a mortgage or loan (60.6%) - House prices have declined slightly by -2.5% over the 10 year period - Average prices stand at £110,024, this is the lowest average price of the four locality areas and significantly below national average
Community Safety	Between 2015/16 and 2016/17, overall decrease in crime and Anti-Social Behaviour.

ASSESSMENT OF HEALTH IMPACTS



5.0 Assessment of Health Impacts

HUDU Rapid Health Impact Assessment Matrix

- 5.1 This assessment uses the HUDU Rapid Health Impact Assessment Matrix as outlined in the Rapid Health Impact Assessment Tool (2019). The tool enables a quick assessment of the impacts of a development plan or proposal according to eleven topics or broad determinants. It is then used to provide recommendations to address negative impacts and maximise benefits. It is made clear in the assessment whether the impact and mitigation relate to the construction or operational phase of the development.

Name of assessor / organisation: DPP One Ltd

Name of project (plan or proposal): Kirkby Valley Golf Course

Location of project: Kirkby Valley Golf Course, Ingoe Lane, Kirkby, Merseyside

Date of assessment: Original Assessment April 2020 (Updated July 2021)

1 Housing Quality and Design

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal seek to meet all 16 design criteria of the Lifetime Homes Standard or meet Building Regulation requirement M4 (2)?	No	N/A	N/A	No action required
Does the proposal address the housing needs of older people, ie extra care housing, sheltered housing, lifetime homes and wheelchair accessible homes?	No	N/A	N/A	No action required
Does the proposal include homes that can be adapted to support independent living for older and disabled people?	No	N/A	N/A	No action required
Does the proposal promote good design through layout and orientation, meeting internal space standards?	No	N/A	N/A	No action required
Does the proposal include a range of housing types and sizes, including affordable housing responding to local housing needs?	No	N/A	N/A	No action required
Does the proposal contain homes that are highly energy efficient (e.g. a high SAP rating)?	No	N/A	N/A	No action required

2 Access to healthcare services and other social infrastructure

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal retain or re-provide existing social infrastructure?	No	N/A	N/A	No action required
Does the proposal assess the impact on healthcare services?	Yes	This assessment covers the wider health impact of the proposals. Specific impacts on local services to be confirmed by local NHS trust through consultation during application.	Neutral	- Consultation through application with NHS trust to understand impacts (if any) on local services
Does the proposal include the provision, or replacement of a healthcare facility and does the facility meet NHS requirements?	No	N/A	N/A	No action required
Does the proposal assess the capacity, location and accessibility of other social infrastructure, e.g. schools, social care and community facilities?	Yes	The application has assessed the accessibility of the site and the available retail and recreational amenities available in close proximity.	Neutral	No action required
Does the proposal explore opportunities for shared community use and co-location of services?	No	N/A	N/A	No action required
Does the proposal contribute to meeting primary, secondary and post 19 education needs?	No	N/A	N/A	No action required

3 Access to open space and nature

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal retain and enhance existing open and natural spaces?	Yes	All new structures and buildings – the new Clubhouse; the driving range building; the bowling hut; the bridge over the River Alt; fencing and lighting – will cause an element of harm to openness of the Green Belt (to greater and lesser degrees). However, the majority of built form is either rebuild or extension of existing facilities and where new built form is proposed, landscape screening is used as far as practicable.	Neutral	- Utilise tree planting to screen, where possible. - Use extended golf course area to improve quality and maintenance of natural features and improve views and access to features.
In areas of deficiency, does the proposal provide new open or natural space, or improve access to existing spaces?	Yes	The proposals will see a marked improvement in facilities for the local area through the comprehensive improvement scheme for the golf course, alongside proposals to create a multi-sport complex providing for a range of outdoor and indoor sporting activities. Many of these new facilities will be on land previously inaccessible to the public.	Positive	- Ensure sporting facilities are completed and maintained to a high standard. - Ensure pricing and availability of facilities allows for accessibility for all groups
Does the proposal provide a range of play spaces for children and young people?	Yes	There is a wide range of formal sporting spaces to be provided to offer a breadth of experiences. These include offers aimed directly at children and young people such as adventure golf, to encourage young people to try golf at a convenient entry point.	Positive	- Once installed, maintain variety in sporting facilities and ensure all spaces are maintained to an equal and high standard. - Consideration should be given to other ways in which young people can be encouraged to try new sports and activities.

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal provide links between open and natural spaces and the public realm?	Yes	The proposals include the provision of multiple new vehicular and pedestrian entry points to the site from valley Road and Aintree Lane. These new entry points will provide improved access from both directions and improve visibility of the site facilities.	Positive	- Ensure connection points to existing access routes are complete to a high standard and encourage access by active travel methods.
Are the open and natural spaces welcoming and safe and accessible for all?	Yes	The proposals are for a class leading multi-sports complex. The design of the scheme has carefully considered layout and security measures and during operation will employ staff that will monitor the complex. The application will be subject to review by Merseyside Police to ensure that all necessary security measures are incorporated. The facilities will be accessible to all people although as a privately operated facility will require fees to maintain viability.	Positive	- Ensure facilities take on board all recommendations from Merseyside Police to ensure security and safety of all users of the site. - Ensure pricing is at a point of accessibility for all local residents. Consider where necessary concession pricing and ways to facilitate convenient access for those on low incomes and from deprived/vulnerable groups.
Does the proposal set out how new open space will be managed and maintained?	Yes	Details of the operator and experience managing similar facilities has been provided demonstrating the aptitude for long-term maintenance of the development. As demonstrated, this operator has overseen some of the most successful facilities of this type in the North West and has a proven track record of management.	Positive	- Ensure detailed maintenance regime is in place for all sporting facilities, including management of all landscaping and natural features onsite. - Ensure management procedures are in place the staff overseeing the complex and interacting with users of the facilities.

4 Air quality, noise and neighbourhood amenity

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal minimise construction impacts such as dust, noise, vibration and odours?	Yes	Air and Noise Assessments were not considered necessary for this planning application. However, a planning condition is expected to control construction practices to ensure best practice in minimising construction impacts.	Neutral	- Provide a Construction Method Statement as part of planning conditions to ensure best practice.
Does the proposal minimise air pollution caused by traffic and energy facilities?	Yes	Air and Noise Assessments were not considered necessary for this planning application. However, a Travel Plan has been prepared that will encourage active travel and reduce car trips, thus minimising air pollution by traffic.	Neutral	- Follow requirements of Travel plan to ensure minimisation of air pollution from traffic caused by development.
Does the proposal minimise noise pollution caused by traffic and commercial uses?	Yes	Air and Noise Assessments were not considered necessary for this planning application. However, a Travel Plan has been prepared that will encourage active travel and reduce car trips, thus minimising noise pollution by traffic.	Neutral	- Follow requirements of Travel plan to ensure minimisation of noise pollution from traffic caused by development. - Ensure management of commercial uses maintains appropriate noise levels within facilities to minimise noise spill from site.

5 Accessibility and active travel

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal prioritise and encourage walking (such as through shared spaces?)	Yes	The proposals are for a multi-sport complex on the edge of Kirkby settlement, encouraging residents to walk to the facilities. The facilities themselves include extensive golf course facilities which inherently encourages walking as part of the sport.	Positive	- Follow requirement of Travel Plan to encourage walking.
Does the proposal prioritise and encourage cycling (for example by providing secure cycle parking, showers and cycle lanes)?	Yes	The proposals are for a multi-sport complex on the edge of Kirkby settlement, encouraging residents to cycle to the facilities. There will be secure cycle lockers for staff use in the proposed clubhouse and shorter stay Sheffield-style hoops for visitors/customers. Showers will be provided in the clubhouse and the driving range. The existing shared cycle lanes in the vicinity of the site on Valley Road will be upgraded and will continue into the site. The applicant is also be looking at providing toucan crossings at the main site access junction (a combination of upgrades and new facilities).	Positive	- Follow requirement of Travel Plan to encourage cycling. - Ensure any cycle routes are completed to a high standard.
Does the proposal connect public realm and internal routes to local and strategic cycle and walking networks?	Yes	The proposals include the provision of multiple new vehicular and pedestrian entry points to the site from valley Road and Aintree Lane. These new entry points will provide improved access from both directions and improve visibility of the site facilities.	Positive	- Ensure connection points to existing access routes are complete to a high standard and encourage access by active travel methods.

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal include traffic management and calming measures to help reduce and minimise road injuries?	Yes	The internal layout has been designed to encourage a low speed environment with bends in the horizontal alignment. Additional traffic calming, particularly raised crossings can be provided if deemed necessary by the highway authority.	Neutral	- Ensure layout is completed to a high standard.
Is the proposal well connected to public transport, local services and facilities?	Yes	The site is located along a very busy bus route with regular services to and from Kirkby town centre which is a short distance to the northeast.	Neutral	- Communicate with bus providers to ensure sufficient capacity for users of the site. - Knowsley Council to advise if necessary to provide contributions towards public transport service upgrades, dependant on existing capacity to serve site.
Does the proposal seek to reduce car use by reducing car parking provision, supported by the controlled parking zones, car clubs and travel plans measures?	Yes	The predominant use of the site is golf which naturally requires a car boot to transport clubs for visitors who live further afield. The use and edge of town/city location naturally means that car use will be the dominant mode of travel, however, the application is accompanied by a Travel Plan which seeks to encourage walking, cycling and public transport as far as practicable.	Neutral	- Follow requirements of Travel Plan to encourage sustainable travel.
Does the proposal allow people with mobility problems or a disability to access buildings and places?	Yes	The scheme includes parking facilities for disabled drivers. The Adventure Golf course has been designed	Positive	- Ensure disabled access is maintained to all relevant areas of the site. - Consider programming of activities

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
		by International Design Group to be fully accessible to disabled persons, including those dependent on wheelchairs. The club house is fully accessible for all on all floors with the inclusion of a passenger lift.		to ensure access and participation for those with mobility impairments.

6 Crime reduction and community safety

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal incorporate elements to help design out crime?	Yes	The design of the scheme has carefully considered layout and security measures and during operation will employ staff that will monitor the complex. The application will be subject to review by Merseyside Police to ensure that all necessary security measures are incorporated.	Positive	- Ensure facilities take on board all recommendations from Merseyside Police to ensure security and safety of all users of the site.
Does the proposal incorporate design techniques to help people feel secure and avoid creating 'gated communities'?	No	N/A	N/A	No action required.
Does the proposal include attractive, multi-use public spaces and buildings?	Yes	The proposals are for a class leading multi-sport complex which provides unparalleled variety in spaces for different sports. This is supported by a new fit for purpose and quality designed clubhouse facility with ancillary function spaces and restaurant/café/bar facilities. A new state of the art driving range will also be provided with ancillary pro-golf shop.	Positive	- Maintain variety of uses to ensure wide ranging benefits to large sections of public. - Ensure maintenance of buildings to retain high quality finishes and appearance.
Has engagement and consultation been carried out with the local community?	No	Consultation has not taken place with the local community, however, formal pre-application advice was sought from Knowsley Council on proposals. EIA screening and scoping application was also subject to standard public notification. As a result this was picked up in local online media, through which commenters	Neutral	- During operation with the facility, local community groups and residents should be kept informed of activities at the complex. - Feedback should be requested to ensure service is meeting local needs.

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
		expressed positive support for proposals.		

7 Access to Healthy Food

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal facilitate the supply of local food, i.e. allotments, community farms and farmers' markets?	No	N/A	N/A	No action required
Is there a range of retail uses, including food stores and smaller affordable shops for social enterprises?	No	N/A	N/A	No action required
Does the proposal avoid contributing towards an over- concentration of hot food takeaways in the local area?	No	N/A	N/A	No action required

8 Access to work and training

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal provide access to local employment and training opportunities, including temporary construction and permanent 'end-use' jobs?	Yes	The proposal will safeguard existing jobs and will create 3 apprenticeship opportunities per year for young people wishing to engage in golf course management, over a 10 year period (with potential to extend beyond that). The proposal will also result in construction-related jobs. Through both the operational and construction stages there will also be a variety of additional supply chain benefits which will support further employment opportunities in the local area. In addition, there will be a job brokerage scheme focused on placing Knowsley residents in jobs and training both during the construction phases and operational phases.	Positive	- Explore opportunities to communicate and link with local employment agencies to secure local employment benefits. - Endeavour to provide employment training programmes for local young and unemployed residents. - Development to be carried out in accordance with the Social Value Strategy and s106 agreement.
Does the proposal provide childcare facilities?	No	N/A	N/A	No action required
Does the proposal include managed and affordable workspace for local businesses?	No	N/A	N/A	No action required
Does the proposal include opportunities for work for local people via local procurement arrangements?	Yes	Given the employment opportunities to be created and type of jobs and occupations covered, there is significant potential for local targeting and procurement arrangements.	Positive	- Explore opportunities to communicate and link with local employment agencies to secure local employment benefits.

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
		As noted above, there will be a job brokerage scheme focused on placing Knowsley residents in jobs and training both during the construction phases and operational phases.		- Endeavour to provide employment training programmes for local young and unemployed residents. - Development to be carried out in accordance with the Social Value Strategy and s106 agreement.

9 Social Cohesion and lifetime neighbourhoods

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal connect with existing communities, ie layout and movement which avoids physical barriers and severance and land uses and spaces which encourage social interaction?	Yes	The proposals include the provision of multiple new vehicular and pedestrian entry points to the site from valley Road and Aintree Lane. This provides access to walking and cycling routes along with public transport access. These new entry points will provide improved access from both directions and improve visibility of the site facilities.	Positive	- Ensure connection points to existing access routes are complete to a high standard and encourage access by active travel methods.
Does the proposal include a mix of uses and a range of community facilities?	Yes	There is a wide range of formal sporting spaces to be provided to offer a breadth of experiences. These include offers aimed directly at children and young people such as adventure golf, to encourage young people to try golf at a convenient entry point. The proposed sports hall will also ensure sporting activities are made available throughout the year and during times of poor weather whilst offering a variety of classes aimed at different age groups.	Positive	- Once installed, maintain variety in sporting facilities and ensure all spaces are maintained to an equal and high standard. - Consideration should be given to other ways in which young people can be encouraged to try new sports and activities. - Feedback should be sought from local residents to ensure mix of facilities and functions is meeting local resident's needs.
Does the proposal provide opportunities for the voluntary and community sectors?	Yes	Given the wide range of sporting facilities available there is significant potential for community groups to become involved through, use of function rooms, provision of classes, etc.	Positive	- Communication should be had with local community groups and voluntary groups to learn of ways for facility to better meet requirements of community and opportunities to provide spaces or

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
				facilities for voluntary uses.
Does the proposal address the six key components of Lifetime Neighbourhoods?	Yes	The facilities delivered through the development will support residents in the key components of lifetime neighbourhoods, excluding housing which is not considered relevant in this instance.	Positive	No action required

10 Minimising the use of resources

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal make best use of existing land?	Yes	The proposed development is formed of two main components. The first part is the reworking and improvement of the existing golf course which makes use of the existing course whilst providing upgraded facilities which will benefit the user experience, health and safety, along with the long term management and maintenance of the site. The second part of the development will see the demolition of the existing clubhouse and the development of a new fit for purpose multi-use club house which will again serve customers to a high standard and maximise the long-term potential enjoyment of the site. Parts one and two both improve the efficiency of the use on existing land.	Positive	- No further actions required
Does the proposal encourage recycling (including building materials)?	Yes	It is expected that a Construction Method Statement will be provided through planning condition. This will ensure best practice across a variety of construction matters, including the sourcing and re-use of materials; and the segregation/recycling of building materials and waste. The operations team when the club house is in	Positive	- Ensure that measures are put in place to enable recycling.

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
		use will separate waste for recycling and there is space made available in the yard for this purpose.		
Does the proposal incorporate sustainable design and construction techniques?	Yes	The building structures will incorporate sustainable construction techniques for good air tightness and thermal values. The project also incorporates renewable energy in the form of Solar PV panels.	Positive	- Ensure that development is carried out in accordance with the approved documentation on sustainability.

11 Climate Change

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal incorporate renewable energy?	Yes	The scheme includes Solar PV panels.	Positive	- Ensure that development is carried out in accordance with the approved documentation on sustainability.
Does the proposal ensure that buildings and public spaces are designed to respond to winter and summer temperatures, ie ventilation, shading and landscaping?	Yes	All spaces are designed to respond to winter and summer, ventilation/ shading and landscaping.	Positive	- Ensure that development is carried out in accordance with the approved documentation.
Does the proposal maintain or enhance biodiversity?	Yes	The scheme seeks to maintain and enhance biodiversity. Measures will comprise a combination of provision of ecological habitats within the newly developed part of the site (including species-rich grassland, creation of two lakes, supplementary native species hedgerow planting and native broadleaved woodland planting - east of the River Alt) and provision of habitat compensation out of play areas within the wider golf course. The scheme is aiming to protect and enhance the river corridor within the site and to achieve biodiversity net gain within the site as a whole.	Positive	- Mitigation as per the Ecological Appraisal and associated net gain measures/mitigation strategy.
Does the proposal incorporate sustainable urban drainage techniques?	Yes	The proposals will utilise SUD techniques where at all practical. The overall drainage solution is to drain to ground via infiltration (this is the	Positive	- Detailed drainage design to take place which should incorporate SUDs in line with the surface water

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
		highest priority on the sustainable drainage hierarchy). In parts of the site where this is not possible, the alternative option is to drain to the neighbouring watercourse (second on the sustainable hierarchy). In terms of onsite measures, permeable surfaces will be aimed for in all external areas where engineering allows and where infiltration does work the aim would be to locate infiltration/soakaway devices which would deal with run-off from the new buildings.		drainage hierarchy.

CONCLUSIONS AND RECOMMENDATIONS



6.0 Conclusions and Recommendations

- 6.1 This Health impact Assessment has considered the impacts of the proposed development on the health and wellbeing of local residents, users of the site, future residents as well as the wider built and natural environment context of the site.
- 6.2 This assessment has found that the proposals offer significant potential health and wellbeing benefits for a population that has historically suffered high rates of deprivation and poorer levels of health and activity. The main components of the proposals being a sport and leisure offer for all ages and abilities with a huge variety in facilities will encourage active lifestyles and socialisation. These facilities are located within an accessible location with strong cycling and pedestrian infrastructure to also promote active travel to and from the site.
- 6.3 The provision of the care home site, whilst providing improved viability for the redevelopment as a whole, has been designed to make best and most efficient use of land and will cater for a key societal need in futureproofed care home for the aging population.
- 6.4 Given the strong net positive impacts of the proposals in terms of health and wellbeing, the recommendation for the proposals as set out throughout Chapter 5 of this report focus on ongoing best practice. To date best practice has been incorporated throughout the formulation of the initial proposals and the careful design of the proposals. This approach must now be carried out through the planning and construction phases to ensure the potential benefits are achieved.
- 6.5 Future recommendations require ongoing monitoring of facilities and the aims and objectives of the scheme to ensure that all positive impacts are being realised whilst ensuring any mitigation that has been identified remains in place. Monitoring will be an ongoing process that must involve the operators of the site as well as visitors, residents and local community groups to ensure that the wider development is able to continue to evolve and adapt to future changing demands where they arise and identify potential for new opportunities to improve health and wellbeing as the development becomes established.