HEALTH IMPACT ASSESSMENT

Application for planning permission: farm-based anaerobic digestion renewable energy facility, construction of vehicular access/road to A1307, associated infrastructure and landscaping

Land at Streetly Hall Farm, Streetly End, West Wickham On behalf of Streetly Hall Farm

August 2023



1. Introduction

- 1.1 Streetly Hall Farm is making a planning application for planning permission for the construction of a farm-based Anaerobic Digestion (AD) renewable energy facility, construction of vehicular access/road to A1307, associated infrastructure and landscaping, on land at Streetly Hall Farm, Streetly End, West Wickham.
- 1.2 The site of the proposed AD facility is on land at Streetly Hall Farm, Streetly End, West Wickham, to the north-west of the existing farm complex on Webb's Road, with access via the A1307 (new vehicular access/access road) and existing farm track through the farm to Webb's Road. The application site (including revised access road) comprises 7.55 hectares. See figure 1 below.

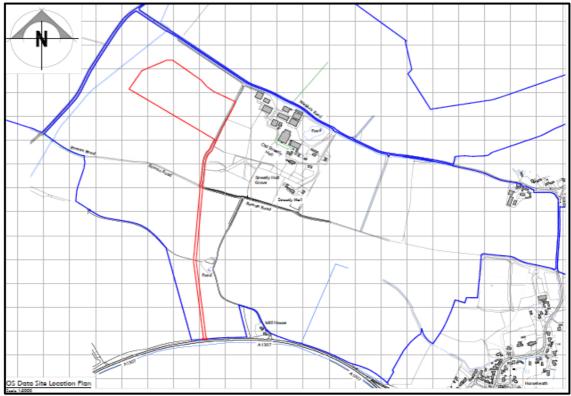


Figure 1: Site Location Plan

1.3 Under section 5A of the Cambridgeshire County Council planning validation checklist, an extended screening/rapid Health Impact Assessment is required for developments of 1,000-5,000m² of floor space (in the South Cambridgeshire Council area).

2. Policy Context

- 2.1 The following represents the policy context within which this assessment is prepared:
 - National Planning Policy Framework (July 2021) Section 8 and the Planning Practice Guidance on promoting healthy and safe communities.
 - Cambridgeshire and Peterborough Minerals and Waste Local Plan (July 2021) Policy 1 Sustainable Development and Climate Change and Policy 18 Amenity Considerations.

- South Cambridgeshire Local Plan (September 2018) policy SC/2: Health Impact Assessment.
- South Cambridgeshire District Council Health Impact Assessment Supplementary Planning Document (March 2011).
- Joint Strategic Needs Assessment (JSNA), Cambridgeshire Insight (ref. 7). The JSNA identifies health and wellbeing needs and priorities, inform commissioning plans and the integration of services, and support action across the wider determinants of health.

2.2 Policy SC/2 (Health Impact Assessment) states:

New development will have a positive impact on the health and wellbeing of new and existing residents. Planning applications for developments of 20 or more dwellings or 1,000m2 or more floorspace will be accompanied by a Health Impact Assessment to demonstrate this. a. For developments of 100 or more dwellings or 5,000m2 or more floorspace a full Health Impact Assessment will be required; b. For developments between 20 to 100 dwellings or 1,000 to 5,000m2 or more floorspace the Health Impact Assessment will take the form of an extended screening or rapid Health Impact Assessment.

- 2.3 Health Impact Assessment (HIA) is a method of considering the positive and negative impacts of development on the health of different groups in the population, in order to enhance the benefits and minimise any risks to health. To ensure that new developments have a positive impact on the health and wellbeing of new and existing residents the Council requires an HIA of development proposals to a level of detail appropriate to its scale and nature. It is recognised that HIAs are most effective for large scale developments and therefore for developments of less than 100 dwellings or 5,000m² the Council will accept less detailed assessments.
- 2.4 It was acknowledged in pre-application that much of an HIA is aimed at developments where people live, work or spend leisure time. Consequently, an application for an AD plant necessitates the 'scoping out' of many of the (normal) requisite elements of an HIA, as not being relevant to such an application.
- 2.5 Consequently, this HIA does not assess those topics identified as irrelevant (and thus indicates them as no applicable). Floorspace proposed is less than 5,000m², and so this takes the form of a 'rapid' HIA.

3. Methodology

3.1 In accordance with Policy SC/2 and its supporting text, a Rapid HIA can be completed using the London Healthy Urban Development Unit Rapid Health Impact Assessment Tool. Figure 1 below illustrates the HIA screening process stages from the HIA Screening Tool guidance, that this HIA utilises.

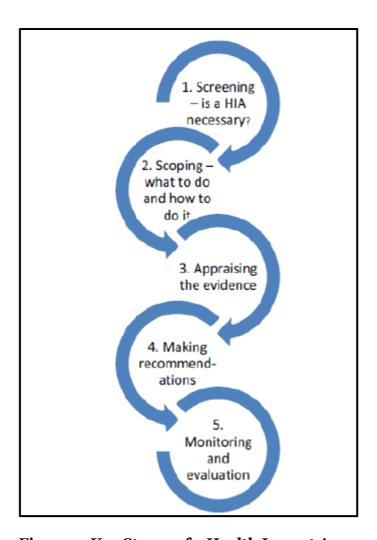


Figure 2: Key Stages of a Health Impact Assessment

HIA Screening

3.2 The scale of the assessment and level of detail required in an HIA should be proportionate to the scale of development proposed. For this HIA the proposed development is that falling under category (b) of Policy SC/2 Between 1,000m² and 5,000m² of floorspace. The floorspace of the proposed development is approximately 4,418.7m² within a site of 7.55 hectares. The policy indicates the HIA will take the form of an extended screening or rapid HIA.

HIA Scoping

- 3.3 Many of the topic areas in the raid HIA template are aimed at developments where people live, work and/or spend leisure time and so for a proposed AD plant, many are able to be 'scoped out' of such an assessment. However, the following are identified as being of relevance to these application proposals:
 - Air Quality, Noise and Neighbourhood Amenity;
 - Accessibility and Active Travel;
 - Crime Reduction and Community Safety;
 - Access to Work and Training;

• Minimising the Use of Resources;

Appraising the Evidence

3.4 Relevant evidence gathered in the preparation of the planning application was governed by the specialist consultants undertaking that work. This is set out in the following insofar as it relates to the scoped topics (above):

| Scoped HIA Topic | Application Evidence | | |
|--|--|--|--|
| Air Quality, Noise and Neighbourhood Amenity | Noise Impact Assessment CEMP Odour Assessment Air Quality Assessment Transport Statement | | |
| Accessibility and Active Travel | Transport Statement | | |
| Crime Reduction and Community Safety | • Statement of Community Involvement (in Planning Statement) | | |
| Access to Work and Training | Planning Statement | | |
| Minimising the Use of Resources | CEMP Statement of Sustainable Design and Construction Planning Statement | | |

Table 1: Application Evidence and Scoped HIA Topics

Assessing the Impacts

3.5 The rapid HIA provides an assessment matrix/template in which to set out issues/topics, assessment criteria, evidence, potential health impacts and recommended actions. This has been completed for these application proposals and is appended to this report.

Monitoring and Evaluation

3.6 As appropriate, recommended mitigation/actions are set out in the appended template, usually with reference to recommendations in accompanying 'topic-based' reports/assessments. In the event of planning permission being granted, mitigation/actions can be required by conditions of planning permission (where they meet the requirements of paragraph 56 of the NPPF and paragraph 21a-003-20190723 of the PPG), or as part of a S.106 obligation (where they meet the provisions of Regulation 122 of the Community Infrastructure Levy Regulations 2010 (as amended)). Other regulation/action can also be introduced through Environmental Permits issued by the Environment Agency.

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Appendix: Rapid Health Impact Assessment Matrix

1 Housing design and affordability

| 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)? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal address the housing needs of older people, ie extra care housing, sheltered housing, lifetime homes and wheelchair accessible homes? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal include homes that can be adapted to support independent living for older and disabled people? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal promote good design through layout and orientation, meeting internal space standards? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal include a range of housing types and sizes, including affordable housing responding to local housing needs? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal contain homes that are highly energy efficient (eg a high SAP rating)? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |

2 Access to health and social care services and other social infrastructure

| Assessment criteria | Relevant? | Details/evidence | Potential health impact? | Recommended mitigation or enhancement actions |
|---|------------------------|------------------|---|---|
| Does the proposal retain or reprovide existing social infrastructure? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal assess the impact on health and social care services and has local NHS organisations been contacted regarding existing and planned healthcare capacity? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal include the provision, or replacement of a healthcare facility and does the facility meet NHS requirements? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal assess the capacity, location and accessibility of other social infrastructure, eg primary, secondary and post 19 education needs and community facilities? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal explore opportunities for shared community use and co-location of services? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |

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 ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| In areas of deficiency, does the proposal provide new open or natural space, or improve access to existing spaces? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal provide a range of play spaces for children and young people? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal provide links between open and natural spaces and the public realm? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Are the open and natural spaces welcoming and safe and accessible for all? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal set out how new open space will be managed and maintained? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |

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 ☐ No ☐ N/A | Noise Impact Assessment, CEMP, Odour Assessment and Air Quality Assessment all inform the planning application | ☐ Positive ☐ Negative ☑ Neutral ☐ Uncertain | See CEMP |
| Does the proposal minimise air pollution caused by traffic and energy facilities? | ✓ Yes ☐ No ☐ N/A | Air Quality Assessment and Transport Statement | ☐ Positive ☐ Negative ☑ Neutral ☐ Uncertain | Implementation/controls by planning conditions and EA permit |
| Does the proposal minimise noise pollution caused by traffic and commercial uses? | ✓ Yes ☐ No ☐ N/A | Noise Impact Assessment | ☐ Positive ☐ Negative ☑ Neutral ☐ Uncertain | see CEMP and Transport Statement. New access will remove existing farm traffic from villages |

5 Accessibility and active travel

| Assessment criteria | Relevant? | Details/evidence | Potential health impact? | Recommended mitigation or enhancement actions |
|---|------------------------|--|---|---|
| Does the proposal address the ten Healthy Streets indicators? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal prioritise and encourage walking, for example through the use of shared spaces? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal prioritise and encourage cycling, for example by providing secure cycle parking, showers and cycle lanes? | ✓ Yes ☐ No ☐ N/A | Cycle storage can be provided on site. Showers provided | Positive Negative Neutral Uncertain | |
| Does the proposal connect public realm and internal routes to local and strategic cycle and walking networks? | ☐ Yes ☐ No ☑ N/A | | Positive Negative Neutral Uncertain | |
| Does the proposal include traffic management and calming measures to help reduce and minimise road injuries? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |

| Assessment criteria | Relevant? | Details/evidence | Potential health impact? | Recommended mitigation or enhancement actions |
|---|------------------------|---|---|---|
| Is the proposal well connected to public transport, local services and facilities? | ☐ Yes ☑ No ☐ N/A | Site is not on public transport routes. See Transport Statement. | ☐ Positive ☐ Negative ☑ Neutral ☐ Uncertain | |
| 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 ☑ No ☐ N/A | On site car parking | ☐ Positive ☐ Negative ☑ Neutral ☐ Uncertain | |
| Does the proposal allow people with mobility problems or a disability to access buildings and places? | ✓ Yes ☐ No ☐ N/A | Mobility access to office | Positive Negative Neutral Uncertain | |

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 ☐ No ☐ N/A | Security fencing, as appropriate CCTV | ✓ Positive☐ Negative☐ Neutral☐ Uncertain | |
| Does the proposal incorporate design techniques to help people feel secure and avoid creating 'gated communities'? | ☐ Yes ☐ No ☑ N/A | Type text here | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal include attractive, multi-use public spaces and buildings? | ☐ Yes ☐ No ☑ N/A | | Positive Negative Neutral Uncertain | |
| Has engagement and consultation been carried out with the local community and voluntary sector? | ✓ Yes ☐ No ☐ N/A | Statement of Community Involvement (in Planning Statement) | ✓ Positive☐ Negative☐ Neutral☐ Uncertain | |

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, for example allotments, community farms and farmers' markets? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Is there a range of retail uses, including food stores and smaller affordable shops for social enterprises? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal avoid contributing towards an over-concentration of hot food takeaways in the local area? | ☐ Yes ☐ No ☑ N/A | | Positive Negative Neutral Uncertain | |

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 ☐ No ☐ N/A | Construction to use local contractors and suppliers when possible. Local, permanent employment opportunities will be created. | ✓ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal provide childcare facilities? | ☐ Yes ☐ No ☑ N/A | | Positive Negative Neutral Uncertain | |
| Does the proposal include managed and affordable workspace for local businesses? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal include opportunities for work for local people via local procurement arrangements? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |

9 Social cohesion and inclusive design

| Assessment criteria | Relevant? | Details/evidence | Potential health impact? | Recommended mitigation or enhancement actions |
|---|------------------------|------------------|---|---|
| Does the proposal consider health inequalities by addressing local needs through community engagement? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| 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 ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal include a mix of uses and a range of community facilities? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal provide opportunities for the voluntary and community sectors? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal take into account issues and principles of inclusive and age-friendly design? | ☐ Yes ☐ No ☑ N/A | | ☐ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |

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 ☐ No ☐ N/A | The layout/design seeks to use as little agricultural land as possible, to minimise use of best and most versatile land (see Planning Statement) | ✓ Positive☐ Negative☐ Neutral☐ Uncertain | |
| Does the proposal encourage recycling, including building materials? | ✓ Yes ☐ No ☐ N/A | The principle of the AD plant is to use agricultural wastes and residues (from Streetly Farm and local partnerships) and generate renewable energy and soil improving digestate. | ✓ Positive☐ Negative☐ Neutral☐ Uncertain | |
| Does the proposal incorporate sustainable design and construction techniques? | ✓ Yes ☐ No ☐ N/A | Statement of Sustainable Design and Construction. CEMP | ✓ Positive☐ Negative☐ Neutral☐ Uncertain | |

11 Climate change

| Assessment criteria | Relevant? | Details/evidence | Potential health impact? | Recommended mitigation or enhancement actions |
|--|------------------|---|---|---|
| Does the proposal incorporate renewable energy? | ✓ Yes ☐ No ☐ N/A | The AD plant will use agricultural and related waste, to generate renewable energy | ✓ Positive☐ Negative☐ Neutral☐ Uncertain | |
| Does the proposal ensure that buildings and public spaces are designed to respond to winter and summer temperatures, for example ventilation, shading and landscaping? | ✓ Yes ☐ No ☐ N/A | Statement of Sustainable Design and Construction | Positive Negative Neutral Uncertain | |
| Does the proposal maintain or enhance biodiversity? | ✓ Yes ☐ No ☐ N/A | Biodiversity Net Gain calculation Ecological Assessment Landscaping Proposals | ✓ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |
| Does the proposal incorporate sustainable urban drainage techniques? | ✓ Yes ☐ No ☐ N/A | Surface Water Drainage Strategy | ✓ Positive ☐ Negative ☐ Neutral ☐ Uncertain | |