

Application to the relevant hazardous substances authority (planning authority)

The Planning (Hazardous Substances) Act 1990 - Section 7(1)

England - The Planning (Hazardous Substances) Regulations 2015 (Regulation 5)

Wales - The Planning (Hazardous Substances) (Wales) Regulations 2015 (Regulation 5)

Application for Hazardous Substances Consent

1 Applicant	Steve Power
	EHS Projects Ltd
	Landmark House, 20 Broomgrove Road, Sheffield
	S10 2LR
Post code	S10 2LR
Telephone number	[REDACTED]
Person in control of the land to which the application relates, if different to above	Jo Taylor, Site Director
	Samian Wy,
	Aston Clinton, Aylesbury
	HP22 5EZ
Post code	HP22 5EZ
Telephone number	[REDACTED]
2 Address or other location details of application site	Arla, Samian Wy,
	Aston Clinton,
	Aylesbury
	HP22 5EZ
	SP880135
Post code	HP22 5EZ
OS grid ref	SP880135

3 Hazardous substance(s) covered by the application

- (a) List named substances falling within Part 2 of Schedule 1 to the Regulations first, then list any substances falling within the categories in Part 1 of that Schedule; finally list substances falling within the description in Part 3.

- (b) Substances falling within Parts 1 or 3 of Schedule 1 to the Regulations may be listed under the relevant category or description or named specifically. Where a substance falls within Part 1 and 2 list under Part 2 only; where a substance falls within more than one category in Part 1 list under the category which has the lowest controlled quantity. Where a substance falling within Part 1 or 2 also falls within Part 3 list under the Part which has the lowest controlled quantity. The “controlled quantity” means the quantity specified for that substance in column 2 of Parts 1, 2 or 3 of Schedule 1 to the Regulations.

Note: The addition rule as set out in the schedule to the regulations should be applied to determine whether consent is required for substances below the Controlled Quantity. Examples are given in the associated planning guidance. The Planning (Hazardous Substances) (Amendment) Regulations 2017 are relevant to the use of the addition rule in England only. The Planning (Hazardous Substances) (Amendment) Regulations 2015 are relevant to Q* (addition rule) for LPG, and relevant to notes about ammonium nitrate.

Table A

Name, or relevant category or description of substance	Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3	Do you have a current PHS consent* in respect of this substance? (Yes/No)	If “yes”, state quantity for which consent granted	Maximum quantity proposed to be present in tonnes
Liquified Natural Gas (LNG)	Schedule 1 Part 2 -18	No	N/A	15.0 tonnes

*a hazardous substances consent

Where in Table A consent is sought for any substance below the relevant Control Quantity, give the reason in the box below including the calculation for each relevant type of hazard (health, physical and/or environmental) with the q/Q fractions that add to greater than or equal to 1.

N/A

4 Manner in which substance(s) are to be kept and used

For each substance, category or description of substance, covered by the application, provide the following information, referring to the substance location plan where appropriate.

“vessel” means any container designed or adapted to contain hazardous substances which is affixed to the land, and includes a container which forms part of plant or machinery which is affixed to the land but does not include a pipeline.

“Buried” or “Mounded” vessel includes a vessel which is only partially buried or partially mounded.

“moveable container” means any container designed or adapted to contain hazardous substances other than a vessel.

- (a) Tick one box below to show whether the substance(s) will be present for storage only or will be stored and involved in a manufacturing, treatment or other industrial process:

Table B

Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Storage only	Stored and involved in an industrial process
Liquified Natural Gas Schedule 1 Part 1 – 18	Yes	No

(b) For each vessel to be used for storing the substance(s) give the following information:

Table C (i)

Vessel No*	Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Installed above ground† (Yes/No)	Buried (Yes/No)	Mounded (Yes/No)	Maximum capacity (cubic metres)	Highest vessel design temperature °C	Highest vessel design pressure (bar absolute)
1	Schedule 1 Part 2 – 18	Yes – liquefied natural gas, so no secondary containment	No	No	1 off 39.6m ³ (net) Horizontal double skinned, vacuum insulated vessel	+50	12.0 bar (absolute)

* identify by reference to substance location plan

† if “Yes”, specify whether or not it will be provided with full secondary containment

(c) For each substance, category, or description of substance, state the largest size (capacity in cubic metres) of any moveable container(s) to be used for that substance, category, or description of substances:

Table C (ii)

Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Storage area on site*	Maximum capacity (cubic metres) of individual moveable containers
N/A	N/A	N/A

* identify by reference to substance location plan

- (d) Where a substance, category or description of substance is to be used in a manufacturing, treatment or other industrial process(es), give a general description of the process(es), describe the major items of plant which will contain the substance(s); and state the maximum quantity (in tonnes) which is liable to be present in the major items of the plant, and the maximum temperature (°C) and pressure (bar absolute) at which the substance, category or description of substance is liable to be present:

Table D

Substance including Part no. in Schedule 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Description of process(es)	Major items of plant*	Max. quantity (tonnes)	Max. temp. (°C)	Max. pressure (bar absolute)
N/A					

* identify by reference to substance location plan

5 Additional Information

- (a) If you have an existing PHS consent(s) as referred to in Table A, attach a copy of each consent to this application. N/A – no existing PHS consent / hazardous substances consent for this site
- (b) List the maps or plans :
1. Arla – Site Location plan – Appendix A
 2. Arla – Substance Location plan – Appendix B
 3. Arla – LNG Tank technical plan – Appendix C
 4. Arla – LIN Tank technical plan – Appendix D
 5. Arla – Station Hazardous Area plan – Appendix E
- (c) Provide a brief overview description of the main activities carried out or proposed to be carried out on the land to which the application relates.

The storage of LNG and the filling of vehicles are associated with the operation of the site for distribution purposes.

LNG Station for the refuelling of trucks comprising:

1 x 44 m³ (gross) double skinned cryogenic vessel (39.6m³ net capacity)

1 x submerged LNG pump

1 x LNG dispenser
 1 x LIN tank
 Controls and Safety Equipment

Road tankers will deliver LNG to the storage tank at a rate of 600 litres per minute ~ 15 tonnes per hour. These road tankers have emergency stop and dead man facilities added as extra safety measures. There is also an automatic LNG storage tank overfill protection system.

The LNG pump is inside a vacuum insulated chambers and pump LNG to the dispensers when a customer vehicle requires refuelling. During normal operation, each refuelling will typically be up to 150kg.

A small 3000L capacity Liquid Nitrogen (LIN) tank is used to provide a sourcing of cooling to reduce the pressure in the LNG storage tank so that the station will not vent gas to atmosphere during normal operations.

- (d) Provide details of how each relevant substance is proposed to be transported to and from the land to which the application relates, for example the size and frequency of vehicle deliveries, the size or maximum flow rate of pipeline imports/exports.

Substance including Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3	How, and other details such as frequency and quantity, transported to and from the land to which the application relates	
	Transported to site	Transported from site
LNG – Schedule 1, Part 2 – 18	Road Tanker- up to 22 tonnes On average, 1.2 deliveries per day if operating at full capacity	Up to 30 HGV refuelling transactions per day

- (e) Provide details of the vicinity of the land to which the application relates, where such details are relevant to the risks or consequences of a major accident (relevant details include numbers of people in neighbouring developments that could be affected by a major accident and details about environmentally sensitive receptors).

Neighbours:

Arla Dairy is to the east of College Road North, adjacent to the A41 Aston Clinton Bypass and junction of College Road North with the A41.
 The adjacent neighbour is Aston Clinton recycling centre and opposite is Olleco Anaerobic Digestion Facility.

- The Site is not covered by, or in close proximity to, any national or higher level nature conservation designations.
- The on-site balance pond serves the attenuation of surface water prior to discharge to the Drayton Mead Brook.
- The Grand Union Canal is approx. 450m from the proposed station location.

(f) Provide a brief overview of the measures taken or proposed to be taken to limit the consequences of a major accident.

Safety systems will be fitted on the station and tankers making the deliveries, such as emergency shutdown systems including fire and gas detection and overfill protection, which will act to immediately shut the station down in event of detection of unsafe conditions. The station will also be fitted with relief valves and manual emergency stops.

The LNG station is designed in compliance with ISO 16924: Natural gas fuelling stations — LNG stations for fuelling vehicles. Also, as part of engineering design and technical due diligence, detailed and site-specific risk assessments (HAZOP, HAZID, Design Risk Assessment and DSEAR) have been completed which further control, limit and mitigate the risk of a major accident.

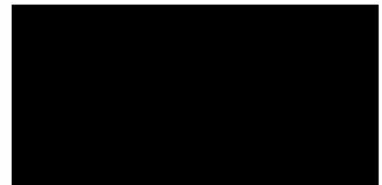
(g) Give any further information which you consider to be relevant to the determination of this application. (For example, details about any exempted established substances on site or a copy of any notification about 'other establishments'/exempted established substances if already submitted).

The primary purpose of the site is dairy logistics. As such, other Hazardous Substances exist on site, such as:

5000 kgs of ammonia

There are also non Hazardous substances onsite such as: **140,000L of diesel** and **6000L of Ad blue** used for truck refuelling onsite.

I/We hereby apply for hazardous substances consent in accordance with the proposals described in the application



Signed Steve Power, Director for EHS Projects Ltd

Date: 11/8/23

To be accompanied by the notices and certificates required by regulations 6 and 7 of the Regulations.

Notes

“Site map” is a map, reproduced from, or based on, an Ordnance Survey map with a scale of not less than 1:10,000, which identifies the land to which the application relates and shows National Grid lines and reference numbers.

“Substance location plan” is a plan of the land to which the application relates, drawn to a scale of not less than 1:2,500, which identifies-

- (a) any area of land intended to be used for the storage of the substance;
- (b) where the substance is to be used in a manufacturing, treatment or other industrial process, the location of the major items of plant involved in that process in which the substance will be present; and
- (c) access points to and from the land.

Appendix A – Site Location Plan
(Arla - Site Location plan – Appendix A)

Appendix B – Substance Location Plan
(Arla – Substance Location plan – Appendix B)

Appendix C – LNG Tank Technical Plan
(Arla – LNG Tank technical plan – Appendix C)

Appendix D – LIN Tank Technical Plan
(Arla – LIN Tank technical plan – Appendix D)

Appendix E – Station Hazardous Area plan

(Arla – Station Hazardous Area plan – Appendix E)

Appendix F – Prescribed Form 1

Posting of Notice of Application Certificate
The Planning (Hazardous Substances) Act 1990
The Planning (Hazardous Substances) Regulations 2015 (Regulation 6)

Certificate A

I certify that:

I posted the notice required by regulation 6(1)(b) of the above Regulations on the land which is the subject of the accompanying application.

The notice was left in position for not less than 7 days during the 21-day period preceding the application.

Evidence of public notice placement near to the site can be found in Appendix G.

A copy of the newspaper advertisement is attached to this application as Appendix H.

Appendix G –
Evidence of Form A posting





EHS PROJECTS

PUBLIC NOTICE

Notice to Attend Public Hearing

Project Name: [Illegible]

Project Location: [Illegible]

Project Description: [Illegible]

Public Hearing Information:

- Date: [Illegible]
- Time: [Illegible]
- Location: [Illegible]

Comments: [Illegible]

Contact Information: [Illegible]

Appendix H –

Evidence of Public Notice Placement in the Bucks Herald on (6/9/23)

EHS Projects Ltd

Application for Hazardous Substances Consent

The Planning (Hazardous Substances) Act 1990

The Planning (Hazardous Substances) Regulations 2015

Notice is hereby given that EHS Projects Ltd, is applying to Buckinghamshire Council for Hazardous Substances Consent for the installation of a new Natural Gas (Biomethane) Refuelling Station at. The application is submitted in respect of this new construction. Members of the public may inspect a copy of the application at: Buckinghamshire Council The Gateway, Gatehouse Road, Aylesbury, HP20 1UA between office hours from the 4th September to the 25th September (20 days consultation period)

The Hazardous Substances Authority (from which relevant information can be obtained) will decide whether or not to grant consent and will decide under what conditions to grant consent.

Anyone who wishes to make representations (including comments or questions) about this application should write to the Hazardous Substances Authority at: Buckinghamshire Council, The Gateway, Gatehouse Road Aylesbury, HP20 1UA by the 25th September 2023: (end of 20 day public consultation period)

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EHS Projects Ltd
20 Broomgrove Road

Our Reference : NMC6264077
Payment by : Card

Sheffield

Booked by : Leanne Pickard At 25/08/2023 09:10
Card Number : XXXX XXXX XXXX XXXX
Transaction ID : 88139

S10 2LR

DESCRIPTION				
Title	Classification	Size	Colour	Insert Date
Bucks Herald	Planning Notices	7x3	Black	06/09/2023
www.bucksherald.co.uk	Planning Notices	7x3	Black	06/09/2023

Net Total (£)	VAT (£)	Gross Total (£)
399.21	79.84	479.05

Leanne Pickard
Leanne.Pickard@Nationalworld.com

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Appendix I – Prescribed Form 2

Certificates under Regulation 7(1)* or 13(4)* (a)
The Planning (Hazardous Substances) Act 1990
The Planning (Hazardous Substances) Regulations 2015

Certificate B

I certify that:

I have given the required notice^(c) to everyone else who, at the beginning of the period of 21 days ending with the date of the accompanying application/appeal, was the owner^(b) of any part of the land to which the application relates, as listed below.

Owner's name	Arla Foods Ltd
Address at which notice was served	Samian Wy, Aston Clinton, Aylesbury HP22 5EZ
Date on which notice was served	11 th August 2023
Signed	Steve Power
on behalf of	EHS Projects Ltd
Date	11 th August 2023

Appendix J – Prescribed Form 3

Notification to Land Owner



Landmark House
20 Broomgrove Road
Sheffield
S10 2LR



16/08/2023

Jo Taylor, Site Director Arla Foods Aylesbury

11th August 2023

**Hazardous Substances Consent Application for Biomethane/Natural Gas Refuelling Station at
Arla Dairy, Aylesbury - Notification to Landowner.**

Dear Jo

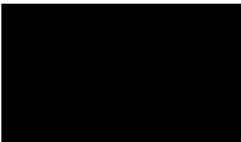
Following recent discussions with Arla Foods, you will be aware that EHS Projects Ltd is required to submit to the Local Planning Authority a Hazardous Substances Consent (HSC) Application alongside its full Planning Application for the development of a Biomethane/Natural Gas Refuelling Station at:

Arla Foods Ltd, Samian Wy, Aston Clinton, Aylesbury, HP22 5EZ.

This letter is to inform you that EHS Projects Ltd intends to submit its HSC application in the week commencing 28th August and as such I attach the prescribed notices to the landowner pursuant to the Planning (Hazardous Substances) Regulations 2015.

If you have any queries or concerns, please do not hesitate to contact me on 07825662063 or at steve@ehsprojects.co.uk.

Kind Regards,



Steve Power,
EHS Projects Ltd

Form 3
Notice of Application for Hazardous Substances Consent
The Planning (Hazardous Substances) Act 1990
The Planning (Hazardous Substances) Regulations 2015 (Regulation 7)

To be served on an owner

I give notice that EHS Projects Ltd is applying to Buckinghamshire Council

for Hazardous Substances Consent for a Biomethane Refuelling Station at:

Arla Dairy, Samian Wy, Aston Clinton, Aylesbury, HP22 5EZ.

Details about how you may inspect a copy of the application and make representations to Buckinghamshire Council are set out in the attached public notice.

A large black rectangular redaction box covering the signature area.

Signed:

Steve Power, Director

on behalf of
Date

EHS Projects Ltd
11th August 2023



PUBLIC NOTICE

EHS Projects Ltd

Application for Hazardous Substances Consent

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The Gateway
Gatehouse Road
Aylesbury
HP20 1UA

by the 25th September 2023: (end of 20 day public consultation period)