

# Omega Proteins Ltd.

Penrith

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**Submitted to:**

Environment Agency

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**Report Title:** Environmental Permit Variation Application – Supporting Information

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**Permit:** EPR/HP3238AF

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**Issue Date:** September 2022

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**Report Reference:** Supporting InformationV2.0

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# 1 Introduction

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This document presents supplementary information relating to permit variation application EPR/HP3238AF for Omega Proteins Ltd. The report presents copies of information requested on the application forms but which cannot be fitted onto the forms themselves due to lack of available space. The information is presented in sequential order of the forms – C2, C3 and F1. No supplementary information is needed for Form A, although copies of the company's house registration document and the latest Climate Change Agreement are appended for completeness.

## 2 Form C2

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### 2.1 C2 Table 1 Changes to Existing Activities

<b>Installation Name</b>	<b>Schedule 1 Reference</b>	<b>Description of Activity</b>
Omega Proteins Ltd	Section 6.8 Part A (2) (a) – recycling of animal by-products comprising poultry offal by rendering.	Reproduction of a currently permitted activity into a new building with new equipment
	Section 6.8 Part A (2) (a) – recycling of animal by-products comprising lamb and pork by-products by rendering.	Installation of new lines to treat individual species material separately (pork & lamb) as an alternative to mixed batches of pork, lamb and beef.
	Directly Associated Activity	Addition of a finished product store (Processed Animal Protein)  Moving one air cooled condenser to a different location

### 3 Form C3

#### 3.1 Table 1a Types of Activities

Installation Name	Schedule 1 Reference	Description of Activity	
Omega Proteins Ltd	Section 6.8 Part A (2) (a) – recycling of animal by-products comprising poultry offal by rendering.	Reproduction of a currently permitted activity into a new building with new equipment.	[REDACTED]
	Section 6.8 Part A (2) (a) – recycling of animal by-products comprising lamb and pork by-products by rendering.	Installation of new lines to treat individual species material separately (pork & lamb) as an alternative to mixed batches of pork, lamb and beef.	[REDACTED]
	Directly Associated Activity	Addition of a finished product store (Meal)	[REDACTED]

\*Subject to validation by APHA to confirm actual throughput, including batch processing

#### 3.2 C3 Q3a1 – Update of previous application documents

Previous document	New Document	Status
Environmental Risk Assessment OP-PV-RO2-F2 V4.0	Environmental Risk Assessment OP-PV-RO2-F4 ERAV2.0	Reviewed and Updated following RFI
EMS Summary	EMS Summary V4.0	Reviewed and Updated
BAT List Review v06	BAT List ReviewV004v2.0	Reviewed and Updated following RFI
Site Plans	Site Plans v5.0	Reviewed and Updated
OMP Issue 21	OMP Issue 22	Reviewed and Updated

### 3.3 Table 2 Emissions

#### 3.3.1 Point Source Emissions to Air – Existing and New

Details from current permit

Emission point reference and location	Source	Parameter	Quantity <i>*denotes allowance for contribution of process fume tbc</i>	Unit
A1	Bio filter 1	Odour	No limits set	O <sub>EU</sub>
		Ammonia		mg/m <sup>3</sup>
		Hydrogen Sulphide		mg/m <sup>3</sup>
A2	Bio filter 2	Odour	No limits set	O <sub>EU</sub>
		Ammonia		mg/m <sup>3</sup>
		Hydrogen Sulphide		mg/m <sup>3</sup>
A3	Bio filter 3	Odour	No limits set	O <sub>EU</sub>
		Ammonia		mg/m <sup>3</sup>
		Hydrogen Sulphide		mg/m <sup>3</sup>
A4	Boiler Stack	Oxides of Nitrogen as NO <sub>2</sub>	300	mg/m <sup>3</sup>
		Sulphur Dioxide	175	mg/m <sup>3</sup>
		Carbon Monoxide	150	mg/m <sup>3</sup>
		Ammonia	No limit set	n/a
		Particulate Matter	50	mg/m <sup>3</sup>
		Visible Smoke	No dark smoke	n/a
A5	Penrith Thermal Oxidiser (Ox1)	Oxides of Nitrogen as NO <sub>2</sub>	300	mg/m <sup>3</sup>
		Sulphur Dioxide	175/10* depending on fuel	mg/m <sup>3</sup>
		Carbon Monoxide	150/50 depending on fuel	mg/m <sup>3</sup>
		Ammonia	No limit set	n/a
		Particulate Matter	50	mg/m <sup>3</sup>
		Visible Smoke	No dark smoke	n/a

<b>Emission point reference and location</b>	<b>Source</b>	<b>Parameter</b>	<b>Quantity</b> <i>*denotes allowance for contribution of process fume tbc</i>	<b>Unit</b>
A6 To be replaced with A13 (scrubber) when OX2 is taken out of service	Bradford Thermal Oxidiser (OX2)	Oxides of Nitrogen as NO <sub>2</sub>	300	mg/m <sup>3</sup>
		Sulphur Dioxide	175/10* depending on fuel	mg/m <sup>3</sup>
		Oxides of Nitrogen as NO <sub>2</sub>	300	mg/m <sup>3</sup>
		Carbon Monoxide	150/50 depending on fuel	mg/m <sup>3</sup>
		Ammonia	No limit set	n/a
		Particulate Matter	50	mg/m <sup>3</sup>
		Visible Smoke	No dark smoke	n/a
A7 Subject to confirmation after commissioning	New Multi Fuel Oxidiser	Particulates	7.5	mg/m <sup>3</sup>
		Carbon Monoxide	75	mg/m <sup>3</sup>
		Oxides of Nitrogen as NO <sub>2</sub>	180	mg/m <sup>3</sup>
		Volatile Organic Compounds	15	mg/m <sup>3</sup>
		SO <sub>2</sub>	45	mg/m <sup>3</sup>
		Hydrogen Chloride	9	mg/m <sup>3</sup>
		Hydrogen Fluoride	1.5	mg/m <sup>3</sup>
		Cadmium & thallium & their compounds	0.03	mg/m <sup>3</sup>
		Mercury & compounds	0.03	mg/m <sup>3</sup>
		Metals	0.45	mg/m <sup>3</sup>
		Dioxins / Furans	0.06 or 0.09 if long term	ng/m <sup>3</sup>
		Dioxin like PCBs	No limit set	-
A8 To be Connected to Biofilter	Mixed Species Blood Processing	Hydrogen Sulphide	No limits set	n/a
		Ammonia		
		Odour		

<b>Emission point reference and location</b>	<b>Source</b>	<b>Parameter</b>	<b>Quantity</b> <i>*denotes allowance for contribution of process fume tbc</i>	<b>Unit</b>
A9 To be Connected to Biofilter	Poultry Blood Processing	Hydrogen Sulphide	No limits Set	n/a
		Ammonia		
		Odour		
A10 Subject to confirmation after commissioning	New gas fuelled oxidiser	Sulphur Dioxide	175/10* depending on fuel	mg/m <sup>3</sup>
		Oxides of Nitrogen as NO <sub>2</sub>	300	mg/m <sup>3</sup>
		Carbon Monoxide	150/50 depending on fuel	mg/m <sup>3</sup>
		Ammonia	No limit set	n/a
		Particulate Matter	50	mg/m <sup>3</sup>
		Visible Smoke	No dark smoke	n/a
		Odour	No limit set	O <sub>EU</sub>
New A11	2 Emergency Generators	No ELV	-	-
New A12	Bio filter (BF4)	As per existing biofilters	-	-
Replacement A13 (replacing A6)	Chemical scrubber (new offal processing area)	As per existing scrubber requirements	-	-



### 3.3.2 Point Source Emissions to Water (other than Sewer) Existing Points

Emission point reference and location	Source	Parameter	Quantity	Unit
SW1	Surface water drainage	Visual appearance	No limits set	n/a
		Chemical Oxygen Demand (COD)		
		Nitrogen		
SW2	Surface water drainage	Visual appearance	No limits set	n/a
		Chemical Oxygen Demand (COD)		
		Nitrogen		
SW3	Surface water drainage	Visual appearance	No limits set	n/a
		Chemical Oxygen Demand (COD)		
		Nitrogen		

### 3.3.3 Point Source Emissions to Sewers, effluent treatment or other transfers off site

#### Existing Points

Emission point reference and location	Source	Parameter	Quantity	Unit
EP1 Discharge to sewer	Effluent Treatment Plant	Total daily discharge volume	No limit set	n/a
		pH	6-10	pH units

### 3.3.4 Point Source Emissions to Land

None

## 4 Form F

### 4.1 Summary of Question Responses

Form	Question	Document Titles	Document References
C2	2b Table 1	Supporting Information	Supporting Information V2.0 Sept 2022 section 2.1
C2	3d Management Systems	Summary of EMS	EMSv04
C2	5a Boundary	Site Plans	Site Plan v5.0 Drainage Plan
C2	5c	Non Technical Summary	NT Summary v2.0
C2	6 Risk Assessment	Environmental Risk Assessment	OP-PV-R02-F4ERA v2.0
C3	1 Table 1a	Supporting Information	Supporting Information V2.0 Sept 22 Section 3.1
C3	2 Table 2	Emissions (releases)	Supporting Information V2.0 Sept 22 Air 3.3.1 Water 3.3.2 Sewer 3.3.3
C3	3 Technical Guidance	Installation Information	P01 Installation Information v2.0
C3	3a1 Update of previous documents	Supporting Information	Supporting Information v2.0 Sept 22 Section 3.3
C3	3b Table 4	Odour Management Plan	OMP Issue 22 Aug 2022
C3	3c Amounts of material	Supporting Information	Supporting Information v2.0 Sept 22 Section 3.1
C3	4a Emissions Monitoring	Environmental Risk Assessment	OP-PV-R02-F4ERA v2.0
C3	6a Energy Efficiency	Environmental Risk Assessment	OP-PV-R02-F4ERA v2.0
C3	6b Energy Use	Environmental Risk Assessment	OP-PV-R02-F4ERA v2.0
C3	6c CCA	Supporting Information	CCA Agreement Company Registration
C3	6d Use of water and raw materials	Environmental Risk Assessment	OP-PV-R02-F4ERA v2.0
C3	6e Waste	Installation Information	P01 Installation Information v2.0

## 4.2 Company Officer Details

Name	Position	Date of Birth
Danny Steven Sawrij	Director	██████████
Manjit Singh Powar	Director	██████████

## 5 Companies House Registration

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Companies House

### Company Details

**Name & Registered Office:**  
**OMEGA PROTEINS LIMITED**  
SWALES MOOR FARM  
SWALES MOOR ROAD  
HALIFAX  
WEST YORKSHIRE  
HX3 6UF  
**Company No. 03868711**

**Status:** Active  
**Date of Incorporation:** 29/10/1999

**Country of Origin:** United Kingdom  
**Company Type:** Private Limited Company  
**Nature of Business (SIC):**  
32990 - Other manufacturing not elsewhere classified  
**Accounting Reference Date:** 30/04  
**Last Accounts Made Up To:** 30/04/2018 (FULL)  
**Next Accounts Due:** 31/01/2020  
**Last Confirmation Statement Date:** 29/10/2018  
**Next Confirmation Statement Due:** 12/11/2019  
**Mortgage: Number of charges:** 16 ( 14 outstanding / 2 satisfied / 0 part satisfied )  
**Last Members List:** 29/10/2015

#### **Previous Names:**

<b>Date of change</b>	<b>Previous Name</b>
20/03/2000	DJS ENTERPRISES LIMITED
10/12/1999	HMT OFFSET MACHINERY LIMITED

#### **UK Establishment Details**

There are no UK Establishments associated with this company.

#### **Overseas Company Info**

There are no Overseas Details associated with this company.

## 6 Climate Change Agreement



19 Apr 2021  
CCA Register Ref: UKRA/T00005-GEN-5

Sector identifier: UKRA  
Operator name: Omega Proteins Ltd (Penrith)  
Company registration number: -  
TU Identifier: UKRA/T00005

Swalesmoor Road  
Halifax  
West Yorkshire  
HX3 6UF  
England  
Manjit@leogrouppltd.co.uk

### CLIMATE CHANGE AGREEMENTS SCHEME UNDERLYING AGREEMENT ACTIVATED

Dear Manjit Singh,

We are writing to inform Omega Proteins Ltd (Penrith) ("you") that your underlying agreement ("the agreement") for the Climate Change Agreement scheme ("the scheme") has been activated. This will now allow your target unit and the facilities listed within your agreement to qualify for the Climate Change Levy discount under Part IV of Schedule 6 to the Finance Act 2000 (as amended). The details below confirm the target unit and agreement to which this letter relates.

Target Unit: UKRA/T00005 – Omega Proteins Ltd (Penrith)  
Swalesmoor Road  
Halifax  
West Yorkshire  
HX3 6UF  
England

Agreement Identifier: UKRA/T00005 v5

We will notify HMRC that this agreement has been activated for your target unit and the facilities named within it.

You need to notify HMRC and your energy supplier(s) using the PP10 and PP11 forms to enable you to begin claiming the CCA relief on the Climate Change Levy.

If you require any clarification of the above, please contact your sector association.

If you need to contact the Administrator for any supporting information, please use the following email: [cca-help@environment-agency.gov.uk](mailto:cca-help@environment-agency.gov.uk).

Yours faithfully



CCA Team