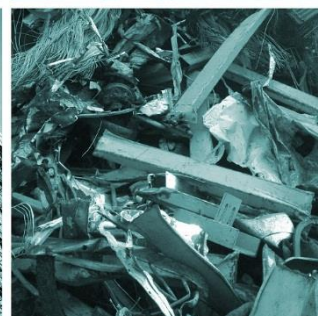
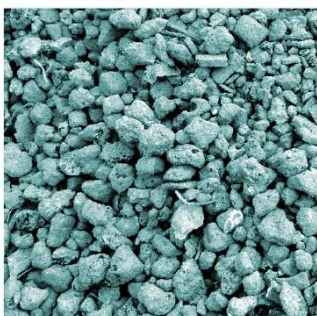
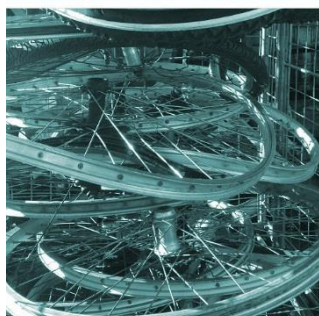
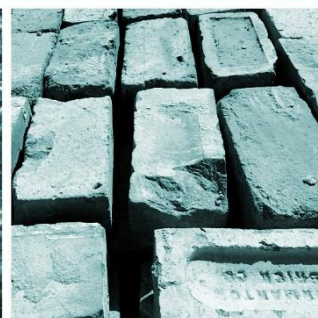
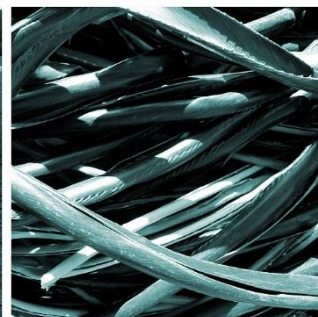
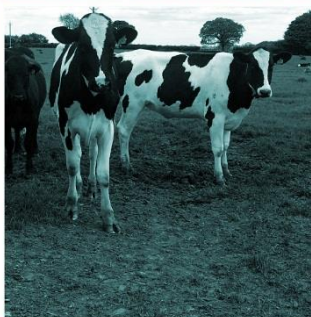


# BROCKLESBY LIMITED PERMIT VARIATION

List of DAA's

June 2021



**BROCKLESBY**  
A BLEND FOR SUCCESS

Client: Brocklesby Limited  
Document Reference: HC1676-09

## REPORT SCHEDULE

**Operator:** Brocklesby Limited

**Client:** Brocklesby Limited

**Project Title:** Brocklesby Limited– Permit Variation

**Document Title:** List of DAA's

**Document Reference:** HC1676-09

**Report Status:** Final V1.0

**Project Director:** Joanna Holland

**Project Team:** Jo Chapman

AUTHOR	DATE
Jo Chapman	18 <sup>th</sup> February 2021
REVIEWER	
Joanna Holland	8 <sup>th</sup> June 2021
APPROVED	
Joanna Holland	8 <sup>th</sup> June 2021

REVISION HISTORY	DATE	COMMENTS	APPROVED
Final Version 1.0	8 <sup>th</sup> June 2021	For Client Review	Joanna Holland
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## 1. PART C3

Table 1a

Directly Associated Activities		
Name of DAA	Description of DAA (please identify the schedule 1 activity it serves)	Changes Proposed
Abatement Systems for Controlling Odour <b>(A2)</b>	Section 4.1 A(1) (a) (ii) – abatement of odourous air arising from waste delivery, processing and storage.	Replacement of odour abatement system destroyed in recent fire. Addition of new/additional odour abatement equipment to serve new enlarged tank farm.  Inclusion of pre-existing odour point source release points onto the site emissions plan which are not currently listed.
Production of Steam in Boilers <b>(A3)</b>	Section 4.1 A(1) (a) (ii) –production of steam in boilers.	Replacement of two existing boilers with two new more efficient units.
Treatment of non-hazardous oil and fat wastes via heat and physical treatment before used in esterification plant <b>(A4)</b>	Section 4.1 A(1) (a) (ii) – Receipt, storage and pre-treatment of non-hazardous wastes up to 50,000tpa.	Max annual tonnages for wastes processed prior to use in the esterification plant remains at 50,000tpa. Some wastes may be received at the site and suitable for use in the esterification process without the need for prior processing. Non-hazardous wastes may be pre-treated via chemical treatment as well as physical and heat treatment. This chemical treatment will be pH correction which the same process currently permitted for hazardous wastes in activity A5.  New enlarged replacement tank farm and associated containment system for receipt and storage of incoming wastes.  Addition of two new waste codes which may



Directly Associated Activities		
		enter the esterification process with or without pre-treatment.
Collection and Storage of Uncontaminated Water	Section 4.1 A(1) (a) (ii) - collection of surface water in from the tank farm bund and storage of this prior to release to swale.	New activity arising from increase in site capacity, change in drainage arrangements, and addition of containment infrastructure.
Discharge of uncontaminated Water	Section 4.1 A(1) (a) (ii) – discharge of clean surface water run off from site.	Pre-existing activity undertaken for some time at the site according to an internal EMS procedure. On review of permit, found that emissions point is not currently shown on site emissions points plan and so this has been added during recent update.
Storage of Raw Materials	Section 4.1 A(1) (a) (ii) – storage of a range of raw materials used in the esterification plant operations, for chemical treatment of wastes, and for lab analysis activities at the site.	Already existing activity. Changes to annual tonnages of materials used in line with increased site capacity.
Storage of Final Products	Storage of final esters prior to dispatch from site	Already existing activity. No changes to this.
Storage and Discharge of Boiler Blowdown to Sewer	Section 4.1 A(1) (a) (ii) – Storage and discharge of boiler blowdown water to foul sewer according to trade effluent discharge consent with local water company.	New activity and release point.
Waste Activities		
<p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents <b>(A5)</b></p>	<p>Current activities as they appear on the permit are given in this cell. See changes according to this variation in next cell.</p> <p>1. Heat treatment of waste for the purpose of recovery.</p> <p>2. Physical treatment including screening, for the</p>	<p>Removal of hazardous waste types from the permit and removal of the facility to process hazardous wastes at the site.</p> <p>Addition of chemical treatment of non-hazardous wastes. This will be the same process formerly applied to hazardous wastes (pH correction).</p>

Directly Associated Activities		
	<p>purpose of recovery.</p> <p>3. Chemical treatment for hazardous waste operations only.</p> <p>Non- hazardous waste types as specified in Tables S 2.2 to Tables S 2.6.</p> <p>The total non-hazardous waste input for waste activity recovery processes is 70,000 tonnes per annum.</p> <p>Hazardous waste types and limits as specified in Table S 2.7.</p> <p>The total hazardous waste input for waste activity recovery processes is 25,000 tonnes per annum..</p>	<p>Increase in total annual non-hazardous waste processing capacity at the site to 225,000tpa. This includes waste processed in the esterification plant (with and without pre-processing at the site) and all other non-hazardous waste recovery activities. The maximum annual waste treatment capacity at the esterification plant will remain at 50,000tpa.</p> <p>Addition of two new waste types/EWC's to the permit for waste recovery activities.</p> <p>Increase in site waste storage capacity and total tonnages of waste stored at the site at any one time (as currently stated in the waste tables in Schedule 2 in the current permit). New maximum combined storage quantity for non-hazardous wastes will be 4400m3 (the capacity of the new tank farm).</p>



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