

**Natural Resources Wales permitting decisions**

# Cott Beverages Limited Decision Document

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## **Permit Variation**

**The permit variation number is: [EPR/AB3094FQ/V002](#)**

**The applicant /operator is: [Cott Beverages Limited](#)**

**The Installation is located at: [Wrexham Soft Drinks, Unit D-F, Spectrum Business Park, Wrexham, Wales, LL13 9QA](#)**

We have decided to issue the variation for Wrexham Soft Drinks operated by Cott Beverages Limited.

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

### **Purpose of this document**

This decision document:

- explains how the application has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account
- justifies the specific conditions in the permit other than those in our generic permit template.

Unless the decision document specifies otherwise we have accepted the applicant's proposals.

## Key issues of the decision

### Receipt of application

#### Confidential information

The applicant made no claim for commercial or industrial confidentiality.

#### Receipt of Application

The Application was received on 01 June 2017 and was duly made on 18 July 2016. This means we considered it was in the correct form and contained sufficient information for us to begin our determination, but not that it necessarily contained all the information we would need to complete that determination.

#### The facility

The extent/nature of the facilities taking place at the site required clarification.

The decision on the facility was taken in accordance with RGN 20.

The regulated facility is an installation which comprises the following activities listed in Part 2 of Schedule 1 to the Environmental Permitting Regulations and the following directly associated activities.

- S6.8 A (1) (d) (ii) – Treating and processing vegetable raw materials with a finished product production capacity greater than 300 tonnes per day or 600 tonnes per day where the installation operates of no more than 90 consecutive days in any year.

#### Directly Associated Activities (DAA)

- Storing and handling of raw materials, chemicals, fuel and waste
- Discharge of effluent and clean water
- Generation of steam for pasteurisation process

#### Location

The site lies in Wrexham Industrial Estate, 4.75km to the East of Wrexham with a National Grid Reference of SJ 38288 49040. The surrounding area is mostly the industrial site and some grassy areas with small patches of tress.

The operator has provided a plan which we consider is satisfactory, showing the extent of the site of the facility. In addition the operator has provided a site layout/drainage plan which includes discharge points.

A plan is included in the permit and the operator is required to carry on the permitted activities within the site boundary.

### Proposed changes

Cott Beverages wishes to install a Cleaning in Process (CIP) for the Freezepop production line. This will be semi-automated and will increase the use of caustic from 1,300kg/year to 2,600kg/year. A new production line will be installed on site which fits within the existing building. There will be no changes to site boundary or any change to emission points. All processes will be use the same technology and there will be no change to the site operational procedures or control philosophy. There will be an upgrade to the permits DAA's through the boilers. Which will be upgraded from two 1.2MW boilers to one 1.2MW and one 5MW boiler. Therefore the total thermal input will be 6.2MW.

### European Directives

All applicable European directives have been considered in the determination of the application.

### The site

The operator has provided a plan which we consider is satisfactory, showing the extent of the site of the facility including discharge points.

A plan is included in the permit and the operator is required to carry on the permitted activities within the site boundary.

### Biodiversity, Heritage, Landscape and Nature Conservation

The application is within the relevant distance criteria of a site of heritage, landscape or nature conservation, and/or protected species or habitat.

A full assessment of the application and its potential to affect the habitats has been carried out as part of the permitting process. We consider that the application will not affect the features of the habitats.

## Environmental Risk Assessment

### Air

The Applicant has assessed the Installation's potential emissions to air against the relevant air quality standards, and the potential impact upon human health. These assessments predict the potential effects on local air quality from the Installation's stack emission.

The air impact assessments, and the dispersion modelling has been based on the Installation operating continuously at the relevant long-term or short-term emission limit values, i.e. the maximum permitted emission rate.

We are in agreement with this approach. The assumptions underpinning the model have been checked and are reasonably precautionary. The way in which the Applicant used dispersion models, its selection of input data, use of background data and the assumptions it made have been reviewed by Natural Resources Wales modelling specialists to establish the robustness of the Applicant's air impact assessment. The output from the model has then been used to inform further assessment of health impacts.

The applicant has carried out detailed modelling 10Km from the site. The following were found to be within the screening distance:

- Midland Meres & Mosses Phase 2 (Ramsar)
- River Dee and Bala Lake (SAC)
- Johnstown Newt Sites (SAC)
- Wrexham Industrial Estate (LWS)
- Peter's Dingle (LWS)
- Cefn Park (LWS)
- Several Ancient Woodlands

The applicant assessed the boilers using 5 years' worth of meteorological data.

Both human and ecological receptors were assessed in their report. The maximum PEC were below the relevant air quality standards for human health and the critical levels for ecological receptors.

Where the nutrient nitrogen or acidification depositions exceed the respective critical loads, this is due to the background already exceeding the loads.

By looking at aerial photos to view Wrexham Industrial Estate (LWS), the area would seem to be an area of open green space with footpaths / cycle paths rather than a site of conservation. With this in mind and the very low emissions contributed by Cott Beverages it can be said to be insignificant.

### **Fugitive emissions**

Based upon the information in the application we are satisfied that the appropriate measures will be in place to prevent or where that is not practicable to minimise fugitive emissions and to prevent pollution from fugitive emissions.

### **Monitoring**

We have decided that monitoring should be carried out for the parameters listed in the permit, using the methods detailed and to the frequencies specified.

These monitoring requirements have been imposed in order to meet the permit condition 3.3.3 for the operator to carry out the monitoring to MCERTS.

### **Operating techniques**

We have reviewed the techniques used by the operator and compared these with the relevant guidance notes.

The relevant technical guidance note for the Food and Drink Sector is EPR 6.10 “How to comply with your environmental permit, additional guidance for the for the food and drink sector”, dated March 2009. The site will continue to be operated in accordance with this guidance and following the existing procedures already in place at the Site.

The proposed techniques/ emission levels for priorities for control are in line with the benchmark levels contained in the TGN and we consider them to represent appropriate techniques for the facility.

## **The permit conditions**

### **Incorporating the application**

We have specified that the applicant must operate the permit in accordance with descriptions in the application, including all additional information received as part of the determination process.

These descriptions are specified in the Operating Techniques table in the permit.

### **Environment management system**

There is no known reason to consider that the operator will not have the management systems to enable it to comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.

### **OPRA**

The OPRA score at permit issue is 38



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