

NON-TECHNICAL SUMMARY

Introduction

Aspall Cyder Ltd is a manufacturer of cyder, juice and vinegar. Its Cyder House is located in the hamlet of Aspall, Suffolk, England. It was bought by Molson Coors Brewing Company in 2018.

Following the purchase of the company, Molson Coors are improving and upgrading the site facilities to increase the production. The result of the improvements will be that the site will now fall under the requirements to be permitted as a Part A(1) installation under the Environmental Permitting Regulations.

Process Description

The principal activities are the processing of apples and manufacturing of cyder and vinegar. These activities are undertaken in a pressing building with the old cyder house, a tank farm, an effluent treatment plant, a packaging building, an engineering building, a vinegar production area and an office building.

The manufacturing process comprises of the following distinct processes:

- Press
- Fermentation
- Vinegar
- Kegging
- Bottling

In addition to the main activities there is a 3.16 MWth boiler on site used to provide heat during the fermentation process. There is also an effluent treatment plant which is in the process of being upgraded which treats effluent and run off from process areas prior to discharge. The effluent discharge is the subject of a current discharge consent (PR/E/N/F/1180) issued by Anglian Water Authority in 1989. The consented discharge is currently limited to 70 m³/day (or 0.81 l/s). This is insufficient for the upgraded operations and this application seeks to incorporate the discharge consent within the Environmental Permit and increase the discharge volume to 210 m³/day.

A full description of all operations is provided within the application.

An H1 assessment has been carried out in order to assess the impacts of the increased discharge which concludes that there would be no discernible impact on the water quality of the receiving water course.

An air quality assessment has been carried out in respect of the boiler which concludes that predicted concentrations associated with operations at the site are below the relevant air quality standards and the effects of the impacts are not considered to be significant.

An environmental risk assessment has been carried out to assess the potential impacts of odour, noise and vibration, fugitive emissions, visible plumes, and accidents ranges. These impacts have been assessed and range from 'not significant' to 'low'.

A full description of the condition of the site at the time of this application is provided in the Application Site Condition Report (Appendix D), which provides a coherent record of the site and its baseline conditions at the time of permitting.

An assessment of relevant hazardous substances used, produced and emitted by the facility has been carried out in accordance with the Industrial Emissions Directive and can be found at Appendix L.

An environmental management system is in place and will be updated to include all new and upgraded equipment and processes and will comply with the requirements of the Environmental Permit.

In summary the proposed facility will be designed and operated to ensure that significant impacts to the environment and human health will not arise as a result of its operation. The main plant will operate techniques that are proven and reliable and are concluded to represent Best Available Techniques.