

APPENDIX 2

Effluent Discharge Consent
Prepared for: Bernard Matthews Foods (Derby)
Limited
Client Ref: 410.134125.00001

SLR Ref: 410.134125.00001
Version No: 1
August 2022



Bernard Matthews Foods Derby Limited (BMFL) was granted a discharge consent on the 26 April 2022 by Severn Trent Water Limited to discharge trade effluent into the public sewer situated in Prince Street.

BMFL do not treat the effluent prior to discharge; however the site effluent is screened for fat from the cleaning in place (CIP) system. The trade effluent is sampled via a sampling point which is monitored weekly prior to discharge to sewer.

Production equipment is cleaned daily when not in use. The cleaning chemicals in use at the facility are approved for use in food manufacturing facilities. Prior to use, these are subject to dilution in accordance with the manufacturer's requirements, this being critical for the use of such chemicals in a food manufacturing environment. The cleaning solutions enter the Installation's process drains and discharge to the public sewer in Prince Street. Given the level of dilution of these cleaning chemicals and the subsequent dilution within the public sewer prior to further primary and secondary biological treatment in the municipal sewage treatment works, it is considered highly unlikely that any of the hazardous substances are present at high levels in the final discharge to the River Derwent.

The chemicals used are limited to:

- Active;
- Alcosan;
- Cold Shield;
- Holfoam Acid;
- Maxichlor;
- Turbo;
- Prebac OPD;
- Sodium Hypochloride; and
- Causetta 25.

The Material Safety Data Sheets of the above chemicals only identify the following substances which are identified as specific pollutants or hazardous substances within the freshwater environmental quality standards:

- EDTA; and
- Chloride.

A H1 screening exercise has been completed and both EDTA and chloride are screened out, please refer to document reference 410.134125.00001_Discharge to sewer H1.

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