Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	S1
Time and date of the emission	08/01/2024

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Fats, Oils, and Grease Critical Oxygen Demand Suspended Solids pH	Effluent	Fats, Oils, and Grease – **403 mg/L** Critical Oxygen Demand – **4,842 mg/L** Suspended Solids – **1,047 mg/L** pH – **5.5**	08/01/2024

Measures taken, or intended to be taken, to stop the emission	Emission detected after the date of emission

Part B

Any more accurate information on the matters for notification under Part A.	Welsh Water sample results received on the 18/01/2024, and taken 08/01/2024, showed a breach of Suspended Solids, Chemical Oxygen Demand, pH, and Fats and Oils consent levels. Upon investigation, it was found that the transducer within Pumping Pit 3 (PP3) failed to accurately measure wastewater levels within the pit. An overflow pipe was installed PP3 so that in the event of flooding, raw wastewater is diverted to Pumping Pit 8 (PP8) as a safety measure to prevent raw effluent reaching freshwater drains. PP8 is fed by treated effluent and is the last point before discharge to sewer. PP3 reached high level on the 08/01/2024, at which point a visual and audible alarm should have sounded in the yard, and warnings displayed on the screen system in the ETP. This didn't happen due to a blocked transducer and as such PP3 spilled over into PP8 and discharged to sewer. The issue resolved itself shortly after when an influx of flow into the pit blew the transducer clear of materials.

Measures taken, or intended to be taken, to prevent a recurrence of the incident	The transducers within the Pumping Pits are not currently on a formal maintenance schedule. To prevent future blockages, the transducers will be cleaned out on a weekly basis. Signed records will be maintained on the Shires Maintenance System.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	None Required
The dates of any unauthorised emissions from the installation in the preceding 24 months.	02/06/2022 Emission exceedance – Mineral Oil and Hydrocarbon 16/12/2022 Effluent Spill to Surface Water

Name*	Thomas Caswell
Post	Technical Services Manager
Signature	
Date	25/01/2023

* Authorised to sign on behalf of Kepak Merthyr