

# Schedule 5 - Notification

These pages outline the information that the operator must provide.

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 EP Regulations.

## Part A

|                                |                                   |
|--------------------------------|-----------------------------------|
| Permit Number                  | EPR/PP3338CQ                      |
| Name of operator               | Excal Ltd.                        |
| Location of Facility           | Nantycaws landfill site, SA32 8BG |
| Time and date of the detection | 24 <sup>th</sup> November 2022    |

|                                                                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>(a)</b>                                                                                                                                                           |  |
| <b>Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment</b> |  |
| <b>To be notified within 24 hours of detection</b>                                                                                                                   |  |
| Date and time of the event                                                                                                                                           |  |
| Reference or description of the location of the event                                                                                                                |  |
| Description of where any release into the environment took place                                                                                                     |  |
| Substances(s) potentially released                                                                                                                                   |  |
| Best estimate of the quantity or rate of release of substances                                                                                                       |  |
| Measures taken, or intended to be taken, to stop any emission                                                                                                        |  |
| Description of the failure or accident.                                                                                                                              |  |

|                                                                           |                                                                      |
|---------------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>(b) Notification requirements for the breach of a permit condition</b> |                                                                      |
| <b>To be notified within 24 hours of detection</b>                        |                                                                      |
| Emission point reference/ source                                          | W1                                                                   |
| Parameter(s)                                                              | Ammonia mg/L NH4                                                     |
| Limit                                                                     | 4 mg/L NH4                                                           |
| Measured value and uncertainty                                            | 5.5 mg/L NH4                                                         |
| Date and time of monitoring                                               | 24 <sup>th</sup> November 2022. Morning.                             |
| Measures taken, or intended to be taken, to stop the emission             | Change of plant parameters resulting in compliance later in the day. |

| Time periods for notification following detection of a breach of a limit |                     |
|--------------------------------------------------------------------------|---------------------|
| Parameter                                                                | Notification period |
|                                                                          |                     |
|                                                                          |                     |
|                                                                          |                     |

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| <b>(c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment:</b> |  |
| <b>To be notified within 24 hours of detection</b>                                                                                                                                        |  |
| Description of where the effect on the environment was detected                                                                                                                           |  |
| Substances(s) detected                                                                                                                                                                    |  |
| Concentrations of substances detected                                                                                                                                                     |  |
| Date of monitoring/sampling                                                                                                                                                               |  |

## Part B - to be submitted as soon as practicable

|                                                                                                                                                        |                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Any more accurate information on the matters for notification under Part A.                                                                            | Intense rain in autumn was the main cause. The lagoon is filled with overflow water from the landfill and SAF2 was failing to cope. |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident                                                                       | More aeration added to allow the SAF2 unit to cope with more water from the landfill.                                               |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission | The stream was in heavy flow during the breach                                                                                      |
| The dates of any unauthorised emissions from the facility in the preceding 24 months.                                                                  | 24 <sup>th</sup> Nov, 13 - 18 <sup>th</sup> & 21 <sup>st</sup> Dec 22                                                               |

|                  |                                                                                      |
|------------------|--------------------------------------------------------------------------------------|
| <b>Name*</b>     | Philip Knight                                                                        |
| <b>Post</b>      | Engineer                                                                             |
| <b>Signature</b> |  |
| <b>Date</b>      | 16/1/23                                                                              |

\* authorised to sign on behalf of the operator

# Schedule 6 - Interpretation

*“accident”* means an accident that may result in pollution.

*“Annex I”* means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“Annex II”* means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“application”* means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

*“authorised officer”* means any person authorised by Natural Resources Wales under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

*“building”* means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

*“compost”* means solid particulate material that is the result of composting, which has been *sanitised* and *stabilised*, and which confers beneficial effects when added to soil, used as a component of growing media or used in another way in conjunction with plants.

*“composting”* means the biological decomposition of organic materials, under conditions that are predominantly aerobic and that allow the development of thermophilic temperatures as a result of biologically produced heat.

*“disposal”* or *“D”* means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“emissions to land”* includes emissions to groundwater.

*“EP Regulations”* means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

*“emissions of substances not controlled by emission limits”* means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit.

*“groundwater”* means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

*“hazardous property”* has the meaning in Annex III of the Waste Framework Directive

*“hazardous waste”* has the meaning given in the Hazardous Waste (Wales) Regulations 2005 (as amended)

*“Industrial Emissions Directive”* means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

*“MCERTS”* means the Environment Agency’s Monitoring Certification Scheme.

*“quarter”* means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

*“recovery”* or *“R”* means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“residue”* means the solid waste generated by the waste treatment activity and is not directly related to the type of waste treated in the plant

*“Waste code”* means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the ‘List of Wastes Decision’) and in relation to hazardous waste, includes the asterisk.

*“Waste Framework Directive”* or *“WFD”* means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

"*Waste Treatment BAT Conclusions*" means the BAT Conclusions for the Waste Treatment sector published as a Commission Implementing Decision EU 2018/1447 in the Official Journal of the EU on 17 August 2018

"year" means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.