



MURROW AD PLANT LTD PERMIT VARIATION APPLICATION MARCH 2023

Summary of Environmental Management
System

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Murrow AD Plant Ltd

REPORT SCHEDULE

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1. SUMMARY OF THE ENVIRONMENTAL MANAGEMENT SYSTEM

1.1. Summary of EMS

- 1.1.1. This is a summary of the Environmental Management System (EMS). A full EMS is currently in place, has been updated, and will continue to be updated to reflect changes to the activities as outlined in this application.
- 1.1.2. The EMS identifies and minimises the risk of pollution arising from operations, maintenance, accidents, incidents, non-conformances and complaints.
- 1.1.3. All relevant site staff are trained in aspects which could lead to pollution, they know how to deal with accidents and understand their individual responsibilities. Key members of staff are responsible for ensuring that the plant is operating under normal situations and have procedures for situations under abnormal situations. An appointed Authorised Person and Authorised Deputy provide oversight of the site.
- 1.1.4. All complaints, pollution incidents, breaches of permit conditions and actions taken to remediate the breach are recorded within the Site Diary and on a specific 'Complaints Record' or 'Incident Record' as per procedures outlined in the site EMS. These documents are located within the site office and are available for reference and inspection at all times.
- 1.1.5. The Environmental Permit, Environmental Management System and all policies and procedures are available at the site office to site staff and visitors.

2. PERMITTED OPERATIONS

1.1. Permitted Activities

- 1.1.1. The Applicant will only carry out activities as outlined within the environmental permit, as issued by the Environment Agency.

1.2. The Site

- 1.2.1. The activities will not extend beyond the site, being the land shown in the environmental permit and the location of specific activities will be as outlined in the site plans. The treatment infrastructure will be located as shown in the site plan, and point source release arrangements will be as shown on the site drainage plan and site boundary, layout and emissions point plan.

3. EMISSIONS AND MONITORING

1.3. Emissions to water

- 1.3.1. There will be no point source emissions to water, except for the sources and emission points listed within the environmental permit.
- 1.3.2. The limits outlined within the environmental permit will not be exceeded.

1.4. Emissions of substances not controlled by emission limits

- 1.4.1. Emissions of substances not controlled by emission limits (excluding odour) will not cause pollution. The Applicant shall if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval with the period specified, an Emission Management Plan. The Emission Management Plan will be implemented from the date of approval.

1.5. Monitoring

- 1.5.1. The Applicant will monitor for the parameters, at the locations and at not less than the frequencies specified within the environmental permit.
- 1.5.2. The Applicant will maintain records of all monitoring required by the permit including records of the taking and analysis of samples, instrument measurements, calibrations, examinations, tests and surveys.

4. INFORMATION

1.6. Records

- 1.6.1. All records will be legible and will be made as soon as reasonably practicable. Superseded versions of documents are retained in an archive and will be retained for at least 6 years from the date when the records were made.

1.7. Reporting

- 1.7.1. The Applicant will send all reports and notifications to the Environment Agency as required.

1.8. Notifications

- 1.8.1. The Applicant will notify without delay following the detection of; and malfunction, breakdown or failure of equipment or techniques, accident or emissions of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution; the breach of a limit specified in the permit; or

any significant adverse environmental risks. The written confirmation of actual or potential pollution incidents and breaches of emission limits shall be submitted within 24 hours.

1.9. Management Systems Documents

1.9.1. A list of sections included in the EMS for the site is given in Appendix A. This list is a working summary at the time of permit variation application submission and will be subject to ongoing update and change in accordance with need.

1.9.2. The following areas of the EMS have been or are scheduled for update;

- The Site Condition Report to reflect the site boundary change, submitted with this application as document reference CB2107-06
- The Environmental Risk Assessment to reflect additional directly associated activities at the site, and the increase in tonnages accepted. This document is submitted with this application as document reference CB2107-08.
- The Odour Management Plan to reflect the addition of the clamp storage area into the permitted area and increase in annual tonnages processed (CB2107-13).
- The Accident Management Plan to reflect the addition of new directly associated activities at the site, and the additional areas to be added to the permitted site boundary. This plan is EMS document reference MUR-OD-O5 and is submitted with this application as Appendix 14 to the site BAT assessment document reference CB2107-11.
- The Process Flow Diagram to reflect addition of the CO₂ recovery facility at the site. This document has been submitted with this application as document reference CB2107-05d.
- The Noise Management Plan will be updated to reflect the addition of new directly associated activities to the permitted facility. The current noise management plan has been submitted as document reference CB2107-14.
- The Site Boundary and Emissions Points Plan has been updated to reflect the new site boundary configuration and addition of emissions points associated with the new CO₂ recovery unit. This document is submitted as document reference CB2107-05.

- The Fugitive Emissions Management Plan has been updated to reflect current BAT and to include consideration of the new CO₂ recovery unit and clamp storage area that is now inside the permit boundary (CB2107-12).
- The List of Raw Materials has been updated to reflect anticipated usage following the site changes. This is submitted as document reference CB2107-15.

1.9.3. Addition or procedures to manage point source discharges of clean surface water to from the site to an adjacent ditch/watercourse.

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