

Odour Monitoring Programme

1.0 PURPOSE AND SCOPE

To provide regular assessments of the environment surrounding Dunbia (Llanybydder), to assess potential odorous emissions from processing and storage areas as required by Condition 2.2.6 of EPR Permit Number BV9683IH.

2.0 DEFINITIONS

N/A

3.0 RESPONSIBILITIES

The Site Manager and Site Environmental Officer are responsible for ensuring all relevant personnel at Dunbia (Llanybydder) are trained on this procedure.

4.0 PROCEDURE

The site boundary will be walked at least once per week. An assessment of odour emissions from each facility will be made at each boundary assessment point as well as up wind and down wind local assessment points. (See Appendix A) and recorded in Table 1 (Appendix B).

During the monitoring at each Boundary Assessment Point, the level of odour will be assessed upstream and downstream of the wind direction by appointed personnel, for approximately 1.5 to 2 minutes.

If an odour is detected at a Boundary Assessment Point, whose generation can be linked to activities at Dunbia (Llanybydder), an investigation will be conducted by carrying out an assessment at the Local Area Assessment Points (See Appendix A) which lie upstream and downstream of the wind direction, for approximately 1.5 to 2 minutes and recorded in Table 2 (Appendix C). Appropriate remedial action will be taken immediately.

Additionally, should abnormal conditions be detected at Dunbia (Llanybydder), which may lead to the release of odorous emissions, immediate remedial action will be taken to restore conditions.

Any corrective actions identified following assessment will be logged within the CAR log (DBG-ENVR46A).

All complaints will be recorded in the Communications Action Form (DBG-ENVR11A).

The details of weekly odour monitoring in the site boundary and local area surrounding Dunbia (Llanybydder) will be recorded in Table 1 (Appendix B) and two (Appendix C) below.

5.0 SAFETY

All relevant Health and Safety Policies and Procedures must be adhered to.

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6.0 RECORDS

N/A

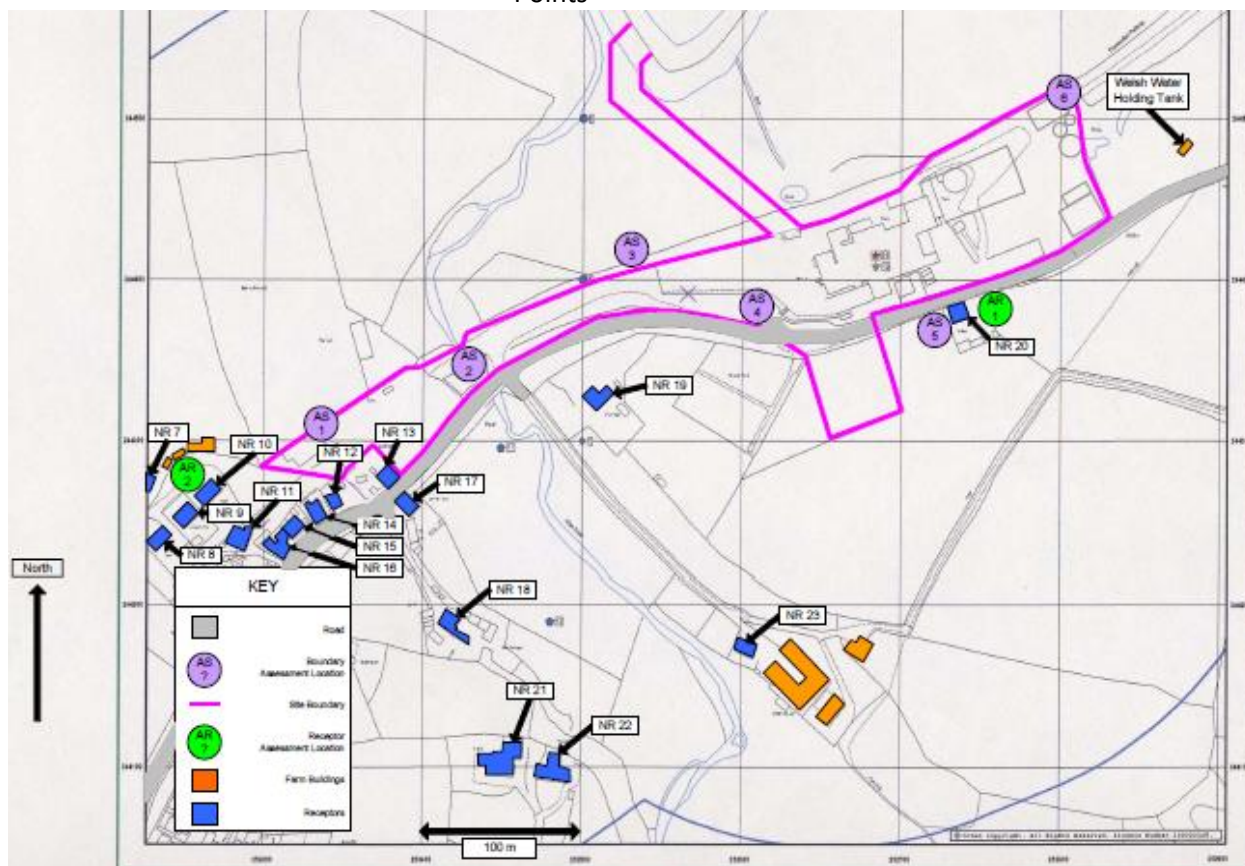
7.0 ASSOCIATED DOCUMENTS

CAR Log (DBG-ENVR46A)
Communications Action Form (DBG-ENVR11A).

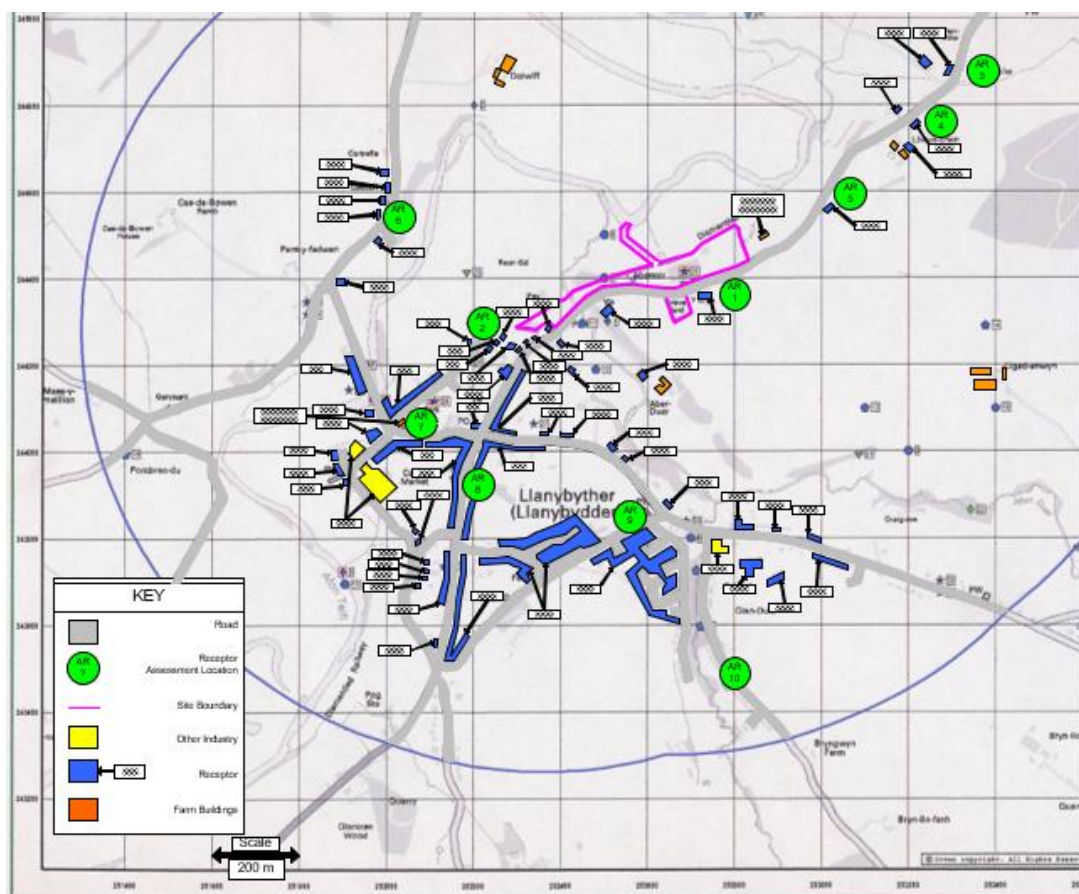
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Appendix 1 – Maps Showing Boundary and Local area Assessment Points



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Appendix B Odour Monitoring

Weekly Site boundary Odour Monitoring Form (Table 1)

Please record details of odour assessments below, which should be conducted around the site boundary at least once during each working week.

Dunbia (Wales)						
Boundary Assessment Points	Odour Rating	Date	Time	Weather Conditions (Wind Direction, Temperature, Precipitation)	Comments/ Observations	Signature
AS 1						
AS 2						
AS 3						
AS 4						
AS 5						
AS 6						

If an odour is detected, an immediate investigation will be conducted with assessments carried out at appropriate Local Area Assessment Points (outlined in Appendix A and Table 2) which lie upstream and downstream of the wind direction, for approximately 1.5 to 2 minutes. The appropriate corrective action (DG/ECAR) will be immediately implemented and documented to prevent further odorous emissions.

Odour Rating

No Odour Present	0	No odour perceived
Very Weak	1	Probably some doubt over odour present
Weak	2	Odour character is barely recognisable. Need to stand still and inhale facing into the wind)
Distinct	3	Odour character is recognisable
Obvious	4	Odour character is easily recognisable when walking or breathing normally.
Strong	5	Odour may be offensive if persistent

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Very Strong	6	Odour is offensive, exposure to this level considered undesirable
Extremely Strong	7	Odour is offensive, instinctive reaction to avoid further exposure

Appendix C –Local area Assessment Point Monitoring Form (Table 2)

Please record details of monitoring at Local Area Assessment Points (Appendix 1), which lie upstream and downstream of the wind direction, for approximately 1.5 to 2 minutes, when odour is detected during Dunbia (Wales) site boundary assessment.

Local Area Assessment Point Monitoring						
Local Area Assessment Point	Odour Rating	Date	Time	Weather Conditions (Wind Direction, Temperature, Precipitation)	Comments/ Observations	Signature
AR 1						
AR 2						
AR 3						
AR 4						
AR 5						
AR 6						
AR 7						
AR 8						
AR 9						
AR10						

Odour Rating

No Odour Present	0	No odour perceived
Very Weak	1	Probably some doubt over odour present
Weak	2	Odour character is barely recognisable. Need to stand still and inhale facing into the wind)
Distinct	3	Odour character is recognisable
Obvious	4	Odour character is easily recognisable when walking or

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		breathing normally.
Strong	5	Odour may be offensive if persistent
Very Strong	6	Odour is offensive, exposure to this level considered undesirable

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