

Application SCR evaluation template

Name of activity, address and NGR	Moss House Farm, Gulf Lane, Cockerham, Lancashire LA2 0ER. NGR: 343729,448720 and 343712,449139
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Document reference of application SCR	Environmental Permit Reference EPR/WP3530DR/S003 Site Condition Report dated 28th November 2018
Date and version of application SCR	Environmental Permit Reference EPR/WP3530DR/V002 Site Condition Report dated 10th November 2018
	Environmental Permit Reference EPR/WP3530DR/A001 Site Condition Report dated 03 October 2017

1.0 Site details

Has the applicant provided the following information as required by the application SCR template?

Site plans showing site layout, drainage, surfacing, receptors, sources of emissions/releases and monitoring points

The Operator provided a Site Condition Report (SCR). Drawings have been provided by the Operator and reviewed and accepted by the Environment Agency at the application stage.

2.0 Condition of the land at permit issue

To be completed by GWCL officers
(Receptor)

Has the applicant provided the following information as required by the application SCR template?

- a) Environmental setting including geology, hydrogeology and surface waters
- b) Pollution history including:
 - pollution incidents that may have affected land
 - historical land-uses and associated contaminants
 - visual/olfactory evidence of existing contamination
 - evidence of damage to existing pollution prevention measures
- c) Evidence of historic contamination (i.e. historical site investigation, assessment, remediation and verification reports (where available))
- d) Has the applicant chosen to collect baseline reference data?

a) *The installation lies on level ground 5 metres above sea level and is located to the south-west of Cockerham and north-east of Stake Pool. The Predominant land use in the area is arable farming and there are sensitive receptors within 400meters of the site. Existing mature hedges and some woodland help to minimise the visual intrusion normally associated with poultry units.*

The underlying bedrock geology comprises the Sherwood Sandstone Formation which is a principal aquifer of intermediate vulnerability. The predominant soil type is seasonally wet deep clay.

There is a drain located to the immediate east of the site which drains into Crawley's Dyke about 1.5km to the south. Crawley's Dyke drains south-westerly into Pilling Water which flows westerly/north-westerly into the River Lune estuary at Pilling. The general direction of the natural drainage at and immediately around the site is in a southerly direction. The average rainfall for this area is 1,200mm. The site is within a flood zone 3 which benefits from flood defences. The site is not within a Source Protection Zone, a drinking water protected area, a groundwater safeguard zone, a surface water safeguard zone or a Nitrate Vulnerable Zone.

Site clean water drainage all goes to French drain soak-away trenches with outfall to off-site drain. The Site is underlain with major aquifer intermediate, situated in a Groundwater Vulnerability Zone. The site is situated within a Surface water Nitrate Vulnerable Zone. The site is not situated in a Groundwater/Source protection zone.

b) and c) *The operators are not aware of any previous pollution incidents and none are known to*

2.0 Condition of the land at permit issue

To be completed by GWCL officers
(Receptor)

Has the applicant provided the following information as required by the application SCR template?

have occurred at the site. There is no evidence of existing contamination on the site. The main emissions from the site are ammonia, odours and dust. Potential pollution pathways have been identified as:

- contaminated run-off from hard standing areas
- spills
- storage tank overflow and leakage
- ammonia and dust emitted to the atmosphere.

d) No baseline data has been collected as part of the application.

3.0 Permitted activities

(Source)

Has the applicant provided the following information as required by the application SCR template?

**Response
(Specify what information is needed from the applicant, if any)**

- a) Permitted activities
b) Non-permitted activities undertaken at the site

The Environment Agency determined that the Installation comprised the following listed activities:

Section 6.9 A(1)(a) - rearing of poultry intensively in an installation with more than 40,000 places of poultry (in a facility with a capacity for 100,000 places for broilers).

Section 5.1B(a)(v) - incineration in a small waste incineration plant with an aggregate capacity of 50kg or more per hour of wood waste with a thermal rated input not exceeding 833kW burning only grade A 'clean' recycled waste wood biomass fuel upto 100 tonnes at any one time.

There are no Directly Associated Activities at the site.

This permit was in determination at the time when the Intensive Rearing of Pigs or Poultry (IRPP) BAT Conclusions were published (21 February 2017). The permit has therefore been revised and has taken into consideration the requirements of the published BAT Conclusions.

3.0(a) Environmental Risk Assessment

(Source)

The H1 environmental risk assessment should identify elements that could impact on land and waters, cross-referenced back to documents and plans provided as part of the wider permit application.

The Environment Agency reviewed the Operator's environmental risk assessment including the potential for environmental impact from emissions to air, land and water and was accepted as satisfactory. The documents provided by the operator demonstrate an awareness of the environmental risks.

The company has developed its own management systems. Key requirements are set out in writing and the farm manager is required to keep appropriate records to confirm that standards are maintained. A record is kept of any unusual incidents and of any maintenance/repair work which is needed to improve the operation of the site. Site specific plans for noise, odour, fire prevention, accident management and site closure have been prepared. Plans and procedures are either updated or replaced following any complaints or on site incidents while the installation is operating under the Environmental Permitting Regulations.

3.0(b) Will the pollution prevention measures protect land and groundwater?

(Conceptual model)

Are the activities likely to result in pollution of land?

It was concluded that there was little likelihood of pollution arising from the operation of the installation provided that it was operated and maintained correctly. There were no direct discharges of hazardous substances or non-hazardous pollutants to groundwater from the site.

A record of any pollution incidents, such as spillage of oil, leaking stores etc, which occur during the operation of the permitted site, together with the steps taken to remedy that pollution at the time will be kept. This will help to establish whether the site is in a satisfactory state when poultry production ceases and the EPR Permit is surrendered. This plan will be maintained on site, updated as circumstances change and will be reviewed every 4 years.

Waste grade 'A' wood is stored on site for use in a burner for energy creation to heat the poultry houses. There is the potential for other emissions to air if the reception and checking procedures for the incoming Grade A wood waste does not exclude wood classed as Grade B and below.

For dangerous and/or hazardous substances only, are the pollution prevention measures for the relevant activities to a standard that is likely to prevent pollution of land?

There is a red diesel store (1,300 litres) on site which is purpose-built and fully bunded.

Application SCR decision summary	Tick relevant decision
Sufficient information has been supplied to describe the condition of the site at permit issue	Yes
Pollution of land and water is unlikely	Yes
Date and name of reviewer:	Laura Mellor (NPS) - 03/01/2019.

Operational phase SCR evaluation template

Sections 4.0 to 7.0 may be completed annually in line with normal record checks.

4.0 Changes to the activities (Source)	
Have there been any changes to the following during the operation of the site?	Response (Specify what information is needed from the applicant, if any)
a) Activity boundaries b) Permitted activities c) "Dangerous substances" used or produced	
a) EPR/WP3530DR/V002- Additional ground added for relocation of the site.	

5.0 Measures taken to protect land To be completed by EM/PPC officers (Pathway)
Has the applicant provided evidence from records collated during the lifetime of the permit, to show that the pollution prevention measures have worked?
Site will be operated in compliance with "how to comply" routine maintenance schedules are followed and recorded and with any abnormal operations recorded.

6.0 Pollution incidents that may have impacted on land and their remediation To be completed by EM/PPC officers (Sources)
Has the applicant provided evidence to show that any pollution incidents which have taken place during the life of the permit and which may have impacted on land or water have been investigated and remediated (where necessary)?
No pollution incidents have occurred during the lifetime of the permit.

7.0 Soil gas and water quality monitoring (where relevant)
Where soil gas and/or water quality monitoring has been undertaken, does this demonstrate that there has been no change in the condition of the land? Has any change that has occurred been investigated and remediated?
N/A

Surrender SCR Evaluation Template

If you haven't already completed previous sections 4.0 to 7.0, do so now before assessing the surrender.

8.0 Decommissioning and removal of pollution risk
To be completed by EM/PPC officers
Has the applicant demonstrated that decommissioning works have been undertaken and that all pollution risks associated with the site have been removed? Has any contamination of land that has occurred during these activities been investigated and remediated?
The land is in same condition as to permit issue, no construction has taken place and no pollution incidents have been noted.

9.0 Reference data and remediation (where relevant)
To be completed by GWCL officers
Has the applicant provided details of any surrender reference data that they have collected and any remediation that they have undertaken?
(Reference data for soils must meet the requirements of policy 307_03 Chemical test data on contaminated soils – quantification requirements). If the surrender reference data shows that the condition of the land has changed as a result of the permitted activities, the applicant will need to undertake remediation to return the condition of the land back to that at permit issue. You should not require remediation of historic contamination or contamination arising from non-permitted activities as part of the permit surrender.
N/A

10.0a & 10.0b Statement of site condition
To be completed by EM/PPC officers
Has the applicant provided a statement, backed up with evidence, confirming that the permitted activities have ceased, decommissioning works are complete and that pollution risk has been removed and that the land and waters at the site are in a satisfactory state?
Permitted activities have not commenced and no construction has taken place. Land is in a satisfactory condition.

Surrender SCR decision summary	Tick relevant decision
To be completed by GWCL officers and returned to NPS	
Sufficient information has been supplied to show that pollution risk has been removed and that the site is in a satisfactory state – accept the application to surrender the permit; or	Yes
Insufficient information has been supplied to show that pollution risk has been removed or that the site is in a satisfactory state – do not accept the application to surrender the permit. The following information must to be obtained from the applicant before the permit is determined:	Yes
Date and name of reviewer	
Laura Mellor (NPS) - 03/01/2019.	

Area to be surrendered

