

Application SCR evaluation template

Name of activity, address and NGR	Newlands Farm Pig Unit Newlands Farm, Outstray Road, Patrington, Sunk Island, East Yorkshire HU12 0QS. TA 3130 1950
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Document reference of application SCR	EPR/KP3037MD/A001 EPR/KP3037MD/S002
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Date and version of application SCR	14 th September 2007, No original SCR 02 nd March 2017
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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 did not provide a Site Condition Report (SCR) at the time the original application was made. 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 relatively level ground, the topsoil over the site is "clay and silt", covering approximately 0.5 hectares. The main geological unit that underlies the area is Marine and Estuarine Alluvium (Drift) and Flamborough Chalk (Solid). The surrounding land is relatively level and is predominantly used for arable and grass farming.

Sensitive receptors are located within 400 metres of the site, located along the Newland Road. The nearest village is Patrington Haven, 1 mile to the north west of the site. Winstead Drain (a local wildlife site) is located approximately 430 metres to the north east of the site, The Humber Estuary (SAC, SPA, Ramsar and SSSI) is located approximately 1,200 metres from the site.

The site does not have a groundwater vulnerability classification and is not located within a source protection zone. The site is located within a nitrate vulnerable zone. The site is within an area of an unproductive superficial aquifer and a principal bedrock aquifer. The site is within an area of medium risk flooding from rivers and the sea. The nearest watercourse is Winstead Drain, 400 metres north of the site. The nearest open land drain is located approximately 40 metres to the south of the site.

- b) Historically the land has been used for arable farming production.
- c) There is no evidence of historical contamination or pollution incidences at the site.
- d) No baseline data has been recorded.

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	
a) Section 6.9 A(1)(a) Rearing of poultry or pigs intensively in an installation with more than: (ii) 2,000 places for production pigs (over 30kg). Rearing of pigs intensively in an installation with a capacity for 2,500 finisher places taking pigs from 40kg to 110kg. b) No DAAs are undertaken at the site.	

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 and water and was accepted as satisfactory. The documents provided by the operator demonstrate an awareness of the environmental risks.
The finishing accommodation is fully slatted. Slurry is fed by gravity from each room into the unit's slurry reception pit, from where it is pumped into the aboveground slurry store. All of the buildings are built to BAT. Dry pelleted feed is used, this is stored in four bulk bins and transferred to each house by auger or barrow. Water is supplied throughout the site from the mains supply. Slurry is spread onto the surrounding farmland in accordance with the Manure Management Plan. Rooms are routinely washed and disinfected between batches, with washwater being collected in the slurry system.
Storage at the site consists of small quantities of disinfectant concentrate and other chemicals and drugs are stored in a lockable store, slurry storage, fuel and biocide storage, and feed storage. Dead pigs are removed from the houses daily and the numbers recorded. Carcasses are stored in a lockable deadbox and collected twice a week.

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.	
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?	Emissions from fuel oil tanks are deemed insignificant. The fuel oil tank vent will only release emissions on filling and therefore volume and frequency of emission will be minimal. Small quantities of disinfectant concentrate, other chemicals and drugs are stored in a lockable store. Carcasses are stored in a lockable deadbox and collected twice a week.

Application SCR decision summary	Tick relevant decision
Sufficient information has been supplied to describe the condition of the site at permit issue	✓
Pollution of land and water is unlikely; or	✓
Pollution of land and water is likely (Advise the permitting team on what additional	

controls/checks may be necessary)	
Historical contamination is present- advise operator that collection of background data may be appropriate	
Date and name of reviewer:	L.Mellor 17/03/17

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) No changes have been made to the activity boundaries. b) No Changes have been made to permitted activities. c) No changes to have been made to "Dangerous substances" used or produced.	

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?
Five improvement conditions are on the permit. <ul style="list-style-type: none">• An improvement condition was made to bund the Agricultural fuel oil storage facilities to comply with the requirements of S3.3 of TGN How to Comply, Version 1. A letter confirming that the fuel tank is used primarily for the arable business was received February 2009, this condition is no longer applicable.• The methods of management at the farm ensure that the risk of diffuse pollution from feedstuffs is minimal, February 2008.• The proposal to cover the slurry store, February 2009.• Housing and drainage reviews, February 2009.• Inspection indicated compliance with the environmental permit, October 2014.• Inspection indicated compliance with the environmental permit, December 2015.• Inspection indicated compliance with the environmental permit and the reduction in threshold leading to a low risk surrender was discussed, January 2017. <p>Over the lifetime of this permit improvements have been made at the site. No records indicate any permit breaches or pollution incidences occurring. The site inspector has confirmed a low risk surrender is suitable for this site.</p>

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 incidences have been recorded.

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?
No monitoring will be undertaken at the installation.

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 site has not been fully decommissioned. The operator has reduced the number of production pigs (over 30kg) places from 2500 to 1852. The decommissioning of one building, with a capacity of 648 production pigs, decreased the capacity of the installation. The installation will fall below the permitting threshold of 2,000 places for production pigs (over 30kg). The building in question ("Sue's House") has been decommissioned in line with the Site Closure Plan, including the removal of all potential pollutants including slurry, manure, bedding, chemicals, medicines and feed. In addition the water and electric supplies have been disconnected.

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.
No Land or Groundwater data has been collected. No remediation has been undertaken. The site condition is satisfactory and is operating to BAT and has been inspected by Area Officer.

10.0a 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?
<ul style="list-style-type: none">• The permitted activities (>2,000 production pigs) have stopped operating over the permitting threshold and are now operating below the permitting threshold;• The decommissioning of "Sue's House" is complete, which has dropped the pig unit's capacity for production pigs from 2,500 to 1,852;• The installation has been well looked after and so the land is in a satisfactory condition;• The pig unit will continue operation below the EPR threshold number of 2,000 production pigs.

10.0b Statement of site condition
To be completed by GWCL 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?
There is a site closure plan in place for the site for when it maybe closed in the future. It includes potential pollutants as well as steps to be taken to remove the pollution risk(s) and in order to decommission the installation. This will not be enforceable by the Environment Agency once this permit has been surrendered unless the site comes back into Environmental Permitting Regulation.

Surrender SCR decision summary To be completed by GWCL officers and returned to NPS	Tick relevant decision
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.	✓
Date and name of reviewer	Liz Ebbs (NPS) – 15/03/2017.