

Application SCR evaluation template

Name of activity, address and NGR	Gowthorpe Fields Farm Poultry Unit. Gowthorpe Fields Farm, Full Sutton, York, North Yorkshire, YO41 1HR. NGR for the centre of the site is SE 7564 5457. Environmental Permit Reference EPR/HP3039WG/A001.
-----------------------------------	--

Document reference of application SCR Date and version of application SCR	Site Condition Report WOTGF 005 dated 30 June 2016.
--	---

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

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 is approximately 1.83 hectares within a predominantly arable farming area to the east of York. The site is situated 28m above sea level and amidst a predominantly flat landscape. There is a scattering of local farms and rural residences and the city of York is 11km west of the site. Immediately to the west of the site is an extensive industrial estate.

The underlying geology comprises a mudstone bedrock. There is a ditch located approximately 270m east of the site. The River Derwent is located several kilometres to the west of the site.

The site is not within a Source Protection Zone, a drinking water protected area or a groundwater safeguard zone. The site is within a Nitrate Vulnerable Zone and a surface water safeguard zone. The site lies over Superficial Deposits and a mudstone bedrock both classified as an undifferentiated secondary aquifers of low vulnerability.

b) and c) – The current operators are not aware of any previous pollution incidents. There is no evidence of existing contamination on the site. No pollution incidents are known to have occurred at the site. There is chemical storage which is purpose-built and fully bunded.

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 targeted intrusive investigations were undertaken to support the original application EPR/HP3039WG/A001.

3.0 Permitted activities	
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	
<p>The Environment Agency determined that the Installation comprised a Section 6.9 A(1)(a) activity as listed in the EPR Regulations for the rearing of poultry intensively in an installation with more than 40,000 places of poultry. The rearing of poultry in a facility with a capacity for 140,000 places for pullets. There are no Directly Associated Activities at the site.</p> <p>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.</p>	

3.0(a) Environmental Risk Assessment
<p>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.</p>
<p>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.</p> <p>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. The following plans have been prepared:</p> <ul style="list-style-type: none"> ➤ Noise management plan ➤ Odour management plan ➤ Dust management plan. <p>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.</p>

3.0(b) Will the pollution prevention measures protect land and groundwater?
<p>Are the activities likely to result in pollution of land?</p> <p>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.</p>
<p>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?</p> <p>There is a chemical storage on site which is purpose-built and fully bunded.</p>

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. The site is not in area of high groundwater sensitivity. Therefore we have no comments regarding this activity.
Date and name of reviewer:	Liz Ebbs (NPS) - 26/04/2017. Harris Tarnanas (GWCL) - 19/01/2017.