

## Application SCR evaluation template

Name of activity and address	Viridor Waste Management Limited  Masons Landfill Site, Great Blakenham, Ipswich, Suffolk, IP6 ONW  Environmental Permit Reference EPR/BV4517IM/S010
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Document reference, date and version of application SCR	Masons Landfill – Partial Surrender Application, Dated 07 February 2019. Prepared by Permitting Team, Pilsworth LFS.  Additional information provided by email and received 04/06/19 and 17/06/19.
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<b>1.0 Site details</b>	
<b>Has the applicant provided the following information as required by the application SCR template?</b>	
Site plans showing site layout, drainage, surfacing, receptors, sources of emissions/releases and monitoring points.	
<i>Provided in support of Environmental Permit application EPR/BV4517IM; accepted and determined on 02/12/04.</i>	

<b>2.0 Condition of the land at permit issue</b>	
<b>Has the applicant provided the following information as required by the application SCR template?</b>	
a) Environmental setting including geology, hydrogeology and surface waters. b) Pollution history including: <ul style="list-style-type: none"> <li>• pollution incidents that may have affected land</li> <li>• historical land-uses and associated contaminants</li> <li>• visual/olfactory evidence of existing contamination</li> <li>• evidence of damage to existing pollution prevention measures.</li> </ul> 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?	
<i>Provided in support of Environmental Permit application EPR/ BV4517IM; accepted and determined on 02/12/04.</i>	

<b>3.0 Permitted activities</b>	
<b>Has the applicant provided the following information as required by the application SCR template?</b>	<b>Response (Specify what information is needed from the applicant, if any)</b>
a) Permitted activities b) Non-permitted activities undertaken at the site	
<i>The site is permitted for the following activities:</i> <ul style="list-style-type: none"> <li>• Section 5.2 Part A(1) (a) – Landfill for non-hazardous waste and landfill restoration</li> <li>• Section 5.2 Part A(1) (a) – Landfill for hazardous waste – Asbestos and construction waste containing asbestos</li> <li>• Section 5.4, Part A(1)(a)(i) – Biological treatment of non-hazardous waste – Treatment of leachate in a facility with a capacity of &gt;50 tonnes/ day</li> </ul> <i>With the following DAA's:</i> <ul style="list-style-type: none"> <li>• Pre-treatment and utilisation of landfill gas for energy recovery in an appliance with a rated thermal input &lt; 50MW</li> <li>• Temporary storage of waste (leachate)</li> <li>• Flaring of landfill gas for disposal in an appliance.</li> </ul>	

<b>3.0 Permitted activities</b>	
<b>Has the applicant provided the following information as required by the application SCR template?</b>	<b>Response (Specify what information is needed from the applicant, if any)</b>
<ul style="list-style-type: none"> <li>• Discharges of site drainage from the landfill.</li> <li>• Storage of fuel for operation of plant and equipment.</li> </ul>	

<b>3.0(a) Environmental Risk Assessment</b>
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.
<i>Provided in support of Environmental Permit application EPR/BV4517IM; accepted and determined on 02/12/04.</i>

<b>3.0(b) Will the pollution prevention measures protect land and groundwater?</b>
<b>Are the activities likely to result in pollution of land?</b>
<i>Provided in support of Environmental Permit application EPR/BV4517IM; accepted and determined on 02/12/04.</i>
<b>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?</b>
<i>Provided in support of Environmental Permit application EPR/BV4517IM; accepted and determined on 02/12/04.</i>

<b>Application SCR decision summary</b>	<b>Tick relevant decision</b>
Sufficient information has been supplied to describe the condition of the site at permit issue	Accepted at permit determination of EPR/BV4517IM on 02/12/2004.
Pollution of land and water is unlikely	Accepted at permit determination of EPR/BV4517IM on 02/12/2004.
Date and name of reviewer: (11/07/19)	<i>Kirsty Hobbs</i>

## Operational phase SCR evaluation template

<b>4.0 Changes to the activities</b>	
<b>Have there been any changes to the following during the operation of the site?</b>	<b>Response (Specify what information is needed from the applicant, if any)</b>
a) Activity boundaries b) Permitted activities c) "Hazardous pollutants" used or produced.	
<i>There have been a number of variations to the permit since it was issued on 13/04/04, with a number being to update the permit to modern templates. The leachate treatment plant was added as an activity under V007 in 2011/12 as an increase in capacity raised it above the IED thresholds.</i>	

<b>5.0 Measures taken to protect land</b>
Has the applicant provided evidence from records collated during the lifetime of the permit, to show that the pollution prevention measures have worked?
<i>N/A – no landfilling or permitted waste activities undertaken by the operator on the area of the land to be surrendered.</i>

<b>6.0 Pollution incidents that may have impacted on land and their remediation</b>
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)?
<i>N/A – no landfilling or permitted waste activities undertaken by the operator on the area of the land to be surrendered.</i>

<b>7.0 Soil gas and water quality monitoring (where relevant)</b>
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?
<i>N/A.</i>

## Surrender SCR Evaluation Template

<b>8.0 Decommissioning and removal of pollution risk</b>
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?
<i>N/A – no landfilling or permitted waste activities undertaken by the operator on the area of the land to be surrendered.</i>

<b>9.0 Reference data and remediation (where relevant)</b>
Has the applicant provided details of any surrender reference data that they have collected and any remediation that they have undertaken?
<i>N/A – no landfilling or permitted waste activities undertaken by the operator on the area of the land to be surrendered.</i>

<b>10.0 Statement of site condition</b>
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?
<p><i>The area of land to be surrendered (see Figure 1 on page 5) is not required by the operator for their permitted activities. It has also come to light that some of the land within the existing boundary actually falls within another Operator's permitted boundary for an adjacent facility and so this needs to be corrected.</i></p> <p><i>The area adjacent to the entrance on the Eastern side of the site, which is in the current permit boundary, is a third party waste management site that is separately permitted. A small parcel of land on the southern boundary that is adjacent to the separately permitted MRF has been used to store empty skips. The remaining areas are either open land or agricultural. This partial surrender will reduce the permitted boundary to that required by the site for their activities, and which they own. The operator has confirmed that access will be maintained to all monitoring points following the revision of the site boundary.</i></p> <p><i>As noted above, a small area of land to be surrendered does fall within another operators permitted boundary, which is under a separate Environmental Permit (EAWML 71337). This is not considered to affect Viridor's partial surrender as this section of land will be covered by the permit that remains in place and operational.</i></p>

<b>Surrender SCR decision summary</b>	<b>Tick relevant decision</b>
No landfilling or permitted waste activities undertaken by the operator on the area of the land to be surrendered – accept the application to surrender the area of land.	✓
Date and name of reviewers:  Kirsty Hobbs (NPS – Permitting Officer) – 17/07/19  Laura Mellor (NPS – Permitting Officer) – 19/07/19	

