

Application SCR evaluation template

Name of activity, address and NGR	General Engineering (Treatments) Limited, Shoeburyness Cadmium Plating Facility, 6 Vanguard Way Shoeburyness Essex SS3 9QY TQ 93721 85413
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Document reference of application SCR	SCR 20/06/19
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Date and version of application SCR	20/06/19
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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	
Site plans showing site layout, drainage, surfacing, receptors, sources of emissions/releases and monitoring points have been provided.	

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: <ul style="list-style-type: none"> • 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?	
N/A	

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	
N/A	

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.

N/A

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

(Conceptual model)

Are the activities likely to result in pollution of land?

N/A

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?

N/A

Application SCR decision summary	Tick relevant decision
Sufficient information has been supplied to describe the condition of the site at permit issue	
Information is missing- the following information must be obtained from the applicant. (Advise the permitting team on what additional information is needed)	
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:	

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	
N/A	

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?
N/A

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)?
N/A

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.

<p>8.0 Decommissioning and removal of pollution risk To be completed by EM/PPC officers</p>
<p>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?</p>
<p>All permitted activities have ceased and The operator confirmed that:</p> <ul style="list-style-type: none"> - All process solutions were disposed of via specialist waste disposal contractor. - All process tanks neutralised, cleaned down. Reusable parts were placed into storage. - Bunding was neutralised and cleaned down.

<p>9.0 Reference data and remediation (where relevant) To be completed by GWCL officers</p>
<p>Has the applicant provided details of any surrender reference data that they have collected and any remediation that they have undertaken?</p> <p>(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.</p>
<p>The site was a low impact installation and intrusive sampling was not required. The floor area containing the Cadmium Plating processing tanks was fully bunded. During the operation of the site, the operator confirmed that the bunding was not compromised and that there were no unplanned emissions to ground or air. Upon removal of the bunding, the operator confirmed that the floor area was clean and unpolluted, indicating no leaks and that the binding was secure.</p>

<p>10.0 Statement of site condition To be completed by EM/PPC officers</p>
<p>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>
<p>The operator confirmed that:</p> <ul style="list-style-type: none"> - All process solutions were disposed of via specialist waste disposal contractor. - All process tanks neutralised, cleaned down. Reusable parts were placed into storage. - Bunding was neutralised and cleaned down. <p>The site was inspected on 13/02/19 and confirmed to have been cleared and no cadmium plating activities are carried on site.</p>

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; or	X
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:	
Date and name of reviewer: Daniel Ros	20/06/2019