

Application SCR evaluation template

Name of activity, address and National Grid Reference	<p>Anglian Water Services Limited</p> <p>North Tees Aromatics Installation, North Tees Site, Seaton Road, Port Clarence, Middlesbrough, TS2 1TT</p> <p>Application Reference EPR/BU5771IB/S002</p> <p>NGR: TQ 7722 5133</p>
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Document reference, date and version of application SCR	<p>Supporting documents submitted with application EPR/BU5771IB/S002:</p> <ul style="list-style-type: none"> • Report BU5771 A – Low risk surrender application <ul style="list-style-type: none"> ○ Appendix 1 – General arrangement of demineralisation plant. ○ Appendix 2 – Site boundary of demineralisation plant. ○ Appendix 3 – Pre-application advice. • Report BU5771 B – Site Condition Report <ul style="list-style-type: none"> ○ Appendix 1 – Decommissioning of SABIC Demineralisation Plant. ○ Appendix 2 – Letter to SABIC ref demolition of demineralisation plant. • Report BU5771 C – Steps to return site to satisfactory condition <ul style="list-style-type: none"> ○ Appendix 1 – P&I diagram for Mixed Bed Demineralisation Plant/ ○ Appendix 2 – Decommissioning of SABIC Demineralisation Plant including record keeping template. <p>Additional supporting information provided on 14/02/19 in response to information request.</p>
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1.0 Site details
<p>Has the applicant provided the following information as required by the application SCR template?</p> <p>Site plans showing site layout, drainage, surfacing, receptors, sources of emissions/releases and monitoring points.</p> <p><i>Provided in support of Environmental Permit application EPR/BU5771IB/A001; accepted and determined on 28/11/03.</i></p>

2.0 Condition of the land at permit issue
<p>Has the applicant provided the following information as required by the application SCR template?</p> <p>a) Environmental setting including geology, hydrogeology and surface waters.</p> <p>b) Pollution history including:</p> <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. <p>c) Evidence of historic contamination (i.e. historical site investigation, assessment, remediation and verification reports (where available)).</p> <p>d) Has the applicant chosen to collect baseline reference data?</p> <p><i>Provided in support of Environmental Permit application EPR/BU5771IB/A001; accepted and determined on 28/11/03.</i></p>

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><i>The site was a small demineralisation water production facility covering around 256 m² of land sited in within the former aromatics production plant owned and operated by SABIC Petrochemicals. The permit was for a standalone directly associated activity – serving activity S4.1(a) Production of organic chemicals, such as simple hydrocarbons (linear or cyclic, saturated or unsaturated, aliphatic or aromatic);</i></p> <p><i>The associated activity was a mixed bed demineralisation plant – production of demineralised water for use in chemical production and high pressure steam raising.</i></p>	

3.0(a) Environmental Risk Assessment
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/BU5771IB/A001; accepted and determined on 28/11/03.</i>

3.0(b) Will the pollution prevention measures protect land and groundwater?
Are the activities likely to result in pollution of land?
<i>Provided in support of Environmental Permit application EPR/BU5771IB/A001; accepted and determined on 28/11/03.</i>
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?
<i>Provided in support of Environmental Permit application EPR/BU5771IB/A001; accepted and determined on 28/11/03.</i>

Application SCR decision summary	Tick relevant decision
Sufficient information has been supplied to describe the condition of the site at permit issue	Accepted at permit determination of EPR/BU5771IB/A001 on 28/11/03
Pollution of land and water is unlikely	Accepted at permit determination of EPR/BU5771IB/A001 on 28/11/03
Date and name of reviewer: (28/01/19)	<i>Kirsty Hobbs</i>

Operational phase SCR evaluation template

4.0 Changes to the activities	
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) "Hazardous pollutants" used or produced.	
<i>There have been no changes.</i>	

5.0 Measures taken to protect land
Has the applicant provided evidence from records collated during the lifetime of the permit, to show that the pollution prevention measures have worked?
<i>Records produced by the Environment Agency Regulatory Team throughout the lifetime of the permit and supporting information provided by the Operator show that the pollution prevention measures that were in place have protected the environment as far as is practicable.</i>
<i>The facility was situated on a concrete raft with all drainage captured and pumped into the above ground neutralisation plant.</i>

6.0 Pollution incidents that may have impacted on land and their remediation
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>The Environment Agency's records indicate that no pollution incidents have been recorded during the lifetime of the permit that could have caused harm to land or groundwater (EPR/BU57711B).</i>

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?
<i>N/A – Not required.</i>

Surrender SCR Evaluation Template

8.0 Decommissioning and removal of pollution risk

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?

All permitted activities have ceased and all sources of pollution risk removed. Full decommissioning was carried out in late 2017 in agreement with SABIC Petrochemicals to remove all chemical residue from storage tanks and the associated pipework, vessels and sumps to prepare the plant for demolition by a third-party contractor.

A third party was appointed by Anglian Water to undertake the decommissioning work at the facility. All vessels and pipes were fully emptied and cleaned. All chemical residues were fully diluted and removed safely either via the neutralisation system to meet specification or by a licensed waste disposal carrier. All pipes and vessels were fully purged and isolated. All ion exchange resins were removed from the three pressure vessels, washed out and removed by a licensed waste disposal carrier. Some electrical and process control equipment was taken for re-use at other locations.

The operator has confirmed that there was no impact upon the surrounding land from the decommissioning activities.

The operator provided photographs as supporting evidence to demonstrate that decommissioning is complete.

9.0 Reference data and remediation (where relevant)

Has the applicant provided details of any surrender reference data that they have collected and any remediation that they have undertaken?

N/A – Low Risk Surrender, therefore no intrusive investigation is required.

10.0 Statement of site condition

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?

All permitted activities have ceased and the site has been decommissioned as far as is practicable. The operator has confirmed that all pollution risks have been removed and the site has been returned in a satisfactory state.

We the Environment Agency have reviewed the application for surrender made by the Operator and accept the statement of site condition and view it as being returned in a satisfactory state.

Surrender SCR decision summary	Tick relevant decision
Sufficient information has been supplied to show that pollution risk has been removed and that the land is in a satisfactory state – accept the application to surrender the land.	✓
Date and name of reviewers: Kirsty Hobbs (NPS – Permitting Officer) – 18/02/2019 Laura Mellor (NPS – Permitting Officer) – 19/02/2019	