

Application SCR evaluation template

(To be completed by NPS, GWCL and EM/PPC officers).

Name of activity, address and NGR	Grays Carbon Regeneration Plant Chemviron Carbon Ltd 434 London Road Grays Essex RM20 4DH
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Document reference of application SCR	On EDM - Application – site condition report template 23/03/17
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Date and version of application SCR	23/03/17
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1.0 Site details To be completed by NPS (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)
Site plans showing site layout, drainage, surfacing, receptors, sources of emissions/releases and monitoring points	Yes

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?	Response (Specify what information is needed from the applicant, if any)
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?	Yes

3.0 Permitted activities To be completed by NPS officers (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	Yes

3.0(a) Environmental Risk Assessment To be completed by NPS officers (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.	Yes – chapter 8 of site investigation report

3.0(b) Will the pollution prevention measures protect land and groundwater? To be completed by EM/PPC officers (Conceptual model)	
Are the activities likely to result in pollution of land?	Yes
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?	Yes

Application SCR decision summary To be completed by GWCL officer and returned to NPS	Tick relevant decision
Sufficient information has been supplied to describe the condition of the site at permit issue; or	
Information is missing- the following information must be obtained from the applicant.	
Pollution of land and water is unlikely; or	
Pollution of land and water is likely	
Historical contamination is present- advise operator that collection of background data may be appropriate	
Date and name of reviewer Elizabeth Hesp 12/06/17	
<u>GWCL comments 12/06/17</u> <i>'The site investigation report (Terra Consult Ltd Phase 2 Site Investigation Report dated 31 January 2017) has identified contamination over the site principally from hydrocarbons, metals, asbestos and VOCs. The site does have a long history of industrial use which includes infilling with waste (Gibbs Quarry historical landfill site) and former railway lines in the northern half of the site, and it is likely that a significant proportion of the contamination is attributed to the sites former uses.'</i>	

We note the site is for sale, redevelopment of the site in the future will need to ensure the site is remediated to a standard where it will be suitable for its proposed use.

On this basis, in line with Tim's comments we await confirmation of the final surface clean before the permit can be surrendered'

A final inspection of the site was undertaken on 09/06/17. Process equipment was still present in one of the buildings. On 07/08/17 photographic evidence was provided showing that this equipment has been removed and that the site has had a final wash down. On this basis, it is considered that the necessary measures have been taken to avoid pollution risk and that the permit can be surrendered.

Operational phase SCR evaluation template

(To be completed by EM/PPC and GWCL officers).

Sections 4.0. to 7.0 may be completed annually in line with normal record checks.

4.0 Changes to the activities To be completed by EM/PPC officers (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 b. No c. Addition of following substances. Sodium Hydroxide, Hydrochloric acid, Ammonium Sulphate, Sulphuric Acid, Ammonium Hydroxide, Diesel.

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?	Yes

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)?	Phase 2 survey undertaken after site closure (Ref: Phase 2 Gray 2016)

7.0 Soil gas and water quality monitoring (where relevant)

To be completed by GWCL officers

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?

None undertaken during operational period.