

Application SCR evaluation template

Name of activity, address and NGR	<p><i>Polypipe Civils Boston Road Industrial Estate Horncastle Lincolnshire LN9 6JW</i></p> <p><i>NGR 526520,368390</i></p>
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Document reference of application SCR	<p><i>Reference report No.C03637, December 2004 Original permit application, reference EPR/LP3139BV; dated 03 November 2005.</i></p>
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Supporting documents, date and version	<p><i>Application EPR/LP3139BV/S002</i></p>
<ul style="list-style-type: none"> • <i>Covering letter</i> • <i>Application forms Part A, Part E2 and Part F</i> • <i>Site plan</i> • <i>CAR form – Report ID 080219 and Report ID 0203457</i> • <i>Material Safety Data Sheets</i> • <i>Opra profile</i> • <i>Record of environmental notifications to the Environment Agency</i> • <i>Site Condition Report</i> • <i>Steps taken to avoid pollution (document)</i> • <i>Discharge of powder tanker SSW</i> • <i>Silo inspection records</i> • <i>Inspection of drain records</i> • <i>Waste Transfer Notes</i> • <i>Hazardous Waste Quarterly Report</i> • <i>Schedule 1 (24/02/2014 and 09/04/2014)</i> 	

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

Provided as part of the original permit application (EPR/LP3139BV) reference report No.C03637, December 2004; accepted and dated 03 November 2005.

The applicant provided a plan, which the Agency considered satisfactory for showing the site of the Installation and its extent. A plan has been included in the Permit at Schedule 5, and the Operator is required to carry on the Permitted activities within the site boundary.

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:
 - 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

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?

verification reports (where available)
d) Has the applicant chosen to collect baseline reference data?

Provided as part of the application EPR/LP3139BV; accepted and dated 03 November 2005.

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

The permitted installation comprises activities directly related to the extrusion of Lead stabilised Poly - Vinyl Chloride (PVC) pipe. This covers:

- *the initial raw material storage areas, which consist of an internal storage compound and 4 external silos,*
- *the manufacturing installation, comprising the mixing plant, 3 internal mixed material silos, 3 external mixed material silos and the extrusion department. There are 4 external Local Extraction Ventilation (LEV) system filters associated with this area.*

Directly associated activities include the scrap re-granulation department, the auxiliary chilled water system and special waste storage area. The installation produces two main product types, Ducting, which is used in industrial, commercial and domestic applications and Agricultural land drainage pipe.

The site was originally permitted under the following Scheduled Activity Section 4.2A(1)(d) - "Unless falling within another Section of this Schedule, any manufacturing activity, other than the application of a glaze or vitreous enamel, involving the use of any of the following elements or compound of those elements or the recovery of any compound of the following elements;

- *antimony,*
- *arsenic,*
- *beryllium,*
- *gallium,*
- *indium,*
- *lead,*
- *palladium,*
- *platinum,*
- *selenium,*
- *tellurium,*
- *thallium*

where the activity may result in the release into the air of any of those elements or compounds or the release into water of any substance listed in paragraph 13 of part 2 of this Schedule."

Associated activities:

- *storage of raw materials and blended materials from mixing function*
- *material handling system*
- *process water/cooling water treatment plant*
- *dust extraction system*
- *waste reprocessing and handling*

The site also has a waste exemption licence.

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.

Provided as part of the application EPR/LP3139BV; accepted and determined on 03 November 2005.

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

(Conceptual model)

Are the activities likely to result in pollution of land?

No. Justification was provided and assessment undertaken as part of the application EPR/LP3139BV review; accepted and determined on 03 November 2005.

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. Justification was provided and assessed as part of the application EPR/LP3139BV review; accepted and determined on 03 November 2005.

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
Date and name of reviewer: 03 November 2005	P Reynolds

Operational phase SCR evaluation template

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	
None on record.	

5.0 Measures taken to protect land (Pathway)
Has the applicant provided evidence from records collated during the lifetime of the permit, to show that the pollution prevention measures have worked?
<p><i>The site introduced BSI 14001 Environmental Management System (EMS) for use at the installation. This EMS has been regularly reviewed and audited to ensure continuous improvement in environmental management. The measures put in place at the installation to protect land and groundwater were managed and reviewed through the EMS to ensure that they remained in place and relevant.</i></p> <p><i>Furthermore, the site has taken the following measures to ensure protection of soil and groundwater conditions beneath the site:</i></p> <ul style="list-style-type: none"> • <i>Reduced the consumption of lead-based stabiliser by switching to a calcium-zinc based stabiliser. The use of R1881 ceased in April 2014 and no lead-based stabilisers are now used.</i> • <i>Relocated the oil storage area onto a fully bunded concrete area</i> • <i>Automatic detection installed on silo's to prevent overfilling</i> • <i>Emergency response procedures introduced and implemented across the site</i> <p><i>To ensure the continued effectiveness of pollution prevention measures to protect the land the Operator was required to implement and operate under a Site Protection and Monitoring Programme, (Conditions 2.1.2 and 2.10.9), the design of was reported to the Agency within two months from the date of permit issue (03/11/2005), under Condition 4.1.7.</i></p>

6.0 Pollution incidents that may have impacted on land and their remediation (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)?
<p><i>There were two environmental events identified during the operation of the site that resulted in the requirement for notification to the Environment Agency and potential release of harmful substances:</i></p> <ul style="list-style-type: none"> • <i>Report ID 080219 – release of PVC resin caused by tanker using too much air pressure</i> • <i>Report ID 0203457 – release of plastic particulates to environment outside of permit boundary</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>Not applicable. No monitoring was completed at permit issue.</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?
<i>The site will continue to operator but no longer falls under a Schedule Activity. The operator has provided sufficient evidence and statements for the Environment Agency to assess and conclude that the site has been maintained and returned in a 'satisfactory state'.</i>

9.0 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?
<i>The site no longer uses lead based stabilisers and therefore falls out of regulation. The Operator has provided evidence to demonstrate that the site has been maintained and returned in a satisfactory state. We, the Environment Agency, have reviewed the documentation submitted and accept the proposal by the Operator that concluded that the land and groundwater have been returned in a 'satisfactory state'.</i>

Surrender SCR decision summary	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	Yes.
Date and name of reviewer - 27/07/2015	<i>M J Derbyshire</i> M J Derbyshire