

SITE CONDITION REPORT (FROM H5 TEMPLATE)

Whitwick Manor, Herefordshire

STL Energy Ltd

Version:	1.0	Date:	16 September 2022		
Doc. Ref:	2102-006-E	Author:	IA	Checked:	STL
Client No:	2102	Job No:	006		



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REGISTERED IN THE UK | COMPANY NO. 4850754

Document History:

Version	Issue date	Author	Checked	Description
1.0	16/09/2022	IA	--	Internal Draft

SITE CONDITION REPORT TEMPLATE

For full details, see H5 *SCR guide for applicants* v3.0 May 2013

COMPLETE SECTIONS 1-3 AND SUBMIT WITH APPLICATION

DURING THE LIFE OF THE PERMIT: MAINTAIN SECTIONS 4-7

AT SURRENDER: ADD NEW DOC REFERENCE IN 1.0; COMPLETE SECTIONS 8-10; & SUBMIT WITH YOUR SURRENDER APPLICATION.

1.0 SITE DETAILS	
Name of the applicant	STL Energy Ltd
Activity address	Whitwick Manor, Herefordshire
National grid reference	360729 245705
Document reference and dates for Site Condition Report at permit application and surrender	2102-006-E Dated 16 September 2022
Document references for site plans (including location and boundaries)	See Appendix I of EMS Permit Boundary Plan 2102-006-01 Site Layout Plan 2102-006-02 Layout Plan – 01113-00-C

Note:

In Part A of the application form you must give us details of the site's location and provide us with a site plan. We need a detailed site plan (or plans) showing:

- Site location, the area covered by the site condition report, and the location and nature of the activities and/or waste facilities on the site.
- Locations of receptors, sources of emissions/releases, and monitoring points.
- Site drainage.
- Site surfacing.

If this information is not shown on the site plan required by Part A of the application form then you should submit the additional plan or plans with this site condition report.

2.0 Condition of the land at permit issue	
Environmental setting including: <ul style="list-style-type: none"> • geology 	<p>No artificial ground is recorded as present at the site based on information from the British Geological Survey (BGS).</p> <p>The bedrock geology comprises the Raglan Mudstone Formation - Siltstone and mudstone, interbedded. Sedimentary bedrock formed between 423.6 and 419.2 million years ago during the Silurian period.</p> <p>There are no recorded superficial deposits.</p> <p>Based on the nearest available borehole log in the general vicinity of the site (SO54NE4), the ground comprises soil to 2.0ft bgl; underlain by marl to 55.0ft bgl; this is underlain by soft sandstone mixed</p>

<ul style="list-style-type: none"> pollution incidents that may have affected land any visual/olfactory evidence of existing contamination evidence of damage to pollution prevention measures 	<p>water; this incident related to oils and fuel. The second pollution incident occurred in 2003 relating to waste materials; this resulted in no impact to air and water but a significant impact to land.</p> <p>The access arrangements for the site and overall site layout detailing site infrastructure have been detailed on Drawing No 2102-006-02 and 01113-00-C. There are no overhead cables above the site and all operations are carried out away from the access.</p> <p>During the site visit there was no evidence of disturbed land, discoloured water/soil or subsidence.</p> <p>No signs of vegetation stress or discolouration was observed during the site walkover survey in the vegetated areas of the site. No other visual or olfactory evidence of contamination was observed during the site walkover survey.</p> <p>The site will be concreted and bunded and have a sealed drainage system as detailed on Drawing No 2102-006-03.</p> <p>The land uses surrounding the site comprise rural land uses.</p> <p>During the site walkover survey the site surface was observed to be intact and no damage was observed.</p>
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	None available
Baseline soil and groundwater reference data	None
Supporting information	N/A

3.0 Permitted activities	
Permitted activities	Installation Environmental Permit (See Doc. Ref. 2102-006-A & 2102-006-B)
Non-permitted activities undertaken	N/A

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<p>Document references for:</p> <ul style="list-style-type: none">• plan showing activity layout; and• environmental risk assessment.	<p>Plans located in Appendix I of EMS</p> <p>Environmental Risk Assessment (2102-006-D)</p>
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Note:

In Part B of the application form you must tell us about the activities that you will undertake at the site. You must also give us an environmental risk assessment. This risk assessment must be based on our guidance (*Environmental Risk Assessment - EPR H1*) or use an equivalent approach.

It is essential that you identify in your environmental risk assessment all the substances used and produced that could pollute the soil or groundwater if there were an accident, or if measures to protect land fail.

These include substances that would be classified as 'dangerous' under the Control of Major Accident Hazards (COMAH) regulations and also raw materials, fuels, intermediates, products, wastes and effluents.

If your submitted environmental risk assessment does not adequately address the risks to soil and groundwater we may need to request further information from you or even refuse your permit application.

4.0 Changes to the activity	
Have there been any changes to the activity boundary?	If yes, provide a plan showing the changes to the activity boundary.
Have there been any changes to the permitted activities?	If yes, provide a description of the changes to the permitted activities
Have any 'dangerous substances' not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?	If yes, list of them
Checklist of supporting information	<ul style="list-style-type: none"> Plan showing any changes to the boundary (where relevant) Description of the changes to the permitted activities (where relevant) List of 'dangerous substances' used/produced by the permitted activities that were not identified in the Application Site Condition Report (where relevant)

5.0 Measures taken to protect land	
Use records that you collected during the life of the permit to summarise whether pollution prevention measures worked. If you can't, you need to collect land and/or groundwater data to assess whether the land has deteriorated.	
Checklist of supporting information	<ul style="list-style-type: none"> Inspection records and summary of findings of inspections for all pollution prevention measures Records of maintenance, repair and replacement of pollution prevention measures

6.0 Pollution incidents that may have had an impact on land, and their remediation	
Summarise any pollution incidents that may have damaged the land. Describe how you investigated and remedied each one. If you can't, you need to collect land and /or groundwater reference data to assess whether the land has deteriorated while you've been there.	
Checklist of supporting information	<ul style="list-style-type: none"> Records of pollution incidents that may have impacted on land Records of their investigation and remediation

7.0 Soil gas and water quality monitoring (where undertaken)	
Provide details of any soil gas and/or water monitoring you did. Include a summary of the findings. Say whether it shows that the land deteriorated as a result of the permitted activities. If it did, outline how you investigated and remedied this.	
Checklist of supporting information	<ul style="list-style-type: none"> Description of soil gas and/or water monitoring undertaken Monitoring results (including graphs)

8.0 Decommissioning and removal of pollution risk

Describe how the site was decommissioned. Demonstrate that all sources of pollution risk have been removed. Describe whether the decommissioning had any impact on the land. Outline how you investigated and remedied this.

Checklist of supporting information

- Site closure plan
- List of potential sources of pollution risk
- Investigation and remediation reports (where relevant)

9.0 Reference data and remediation (where relevant)

Say whether you had to collect land and/or groundwater data. Or say that you didn't need to because the information from sections 3, 4, 5 and 6 of the Surrender Site Condition Report shows that the land has not deteriorated.

If you did collect land and/or groundwater reference data, summarise what this entailed, and what your data found. Say whether the data shows that the condition of the land has deteriorated, or whether the land at the site is in a "satisfactory state". If it isn't, summarise what you did to remedy this. Confirm that the land is now in a "satisfactory state" at surrender.

Checklist of supporting information

- Land and/or groundwater data collected at application (if collected)
- Land and/or groundwater data collected at surrender (where needed)
- Assessment of satisfactory state
- Remediation and verification reports (where undertaken)

10.0 Statement of site condition

Using the information from sections 3 to 7, give a statement about the condition of the land at the site. This should confirm that:

- the permitted activities have stopped
- decommissioning is complete, and the pollution risk has been removed
- the land is in a satisfactory condition.