ASH RESOURCE MANAGEMENT
(CAMBRIAN QUARRY) LTD

SITE CONDITION REPORT
(from H5 Template)

Date: 18/02/2014
Document Reference: 2304-426-L

Version 1.0

Oaktree Environmental Ltd

SITE CONDITION REPORT TEMPLATE

For full details, see H5 *SCR guide for applicants* v2.0 4 August 2008

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	**ASH Resource Management (Cambrian Quarry) Ltd**
Activity address	
National grid reference	

Document reference and dates for Site Condition Report at permit application and surrender	**2304-426-L** **Dated 18-02-2014**

Document references for site plans (including location and boundaries)	**Site location Map ASH-CQ/01** **Permit Boundary Plan ASH-CQ-10** **Proposed restoration scheme Drawing ASH-CQ/02; ASH-CQ/03; 2304/426/01; 2304/426/02**

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: • Geology • Hydrogeology	**Geology comprises sandstones of the Cefyn-y-Fedw Formation underlain by limestones of the Minera Formation. The quarry has removed a significant thickness of the Minera Formation. The region contains significant metalliferous mineralisation which was extensively mined underground in the 19th century. The Minera Formation is classified as a Secondary 'A' aquifer.** **The underlying Cefn Mawr Limestone is a Principal Aquifer. The groundwater regime is anticipated to be heavily controlled by drainage through old underground mineworkings, the nearby MilwrTunnel and fractures from the Minera Formation down into the underlying Cefn Mawr Formation. There is no visible groundwater present in the quarry void. Thereare no groundwater level or groundwater quality records for the site or the surrounding area. It is expected that the Minera Formation will continue to be drained by former mine workings and that the quarry void will not contain significant groundwater in the short or**

	long-term following infilling.
• surface waters	**Site lies within the catchment of the River Alyn, nearest surface water course potentially receiving drainage from the site being approx 1km south east of the site and the prevailing surface water drainage direction being eastwards.** **There are no surface water features on the site. Measures relating to surface water drainage have been submitted as part of the planning application which states that the proposed landform has been designed so that water would drain away from the mine entrance within the quarry void and there would be no risk of flooding of the mine.**

Pollution history including: • pollution incidents that may have affected land • historical land-uses and associated contaminants • any visual/olfactory evidence of existing contamination • evidence of damage to pollution prevention measures	**There is no record of any major polluting incidents on the site. Based on information from EA/NRW website.** **There is no visual or existing evidence of contamination.** **No evidence of damage to pollution prevention measures.**
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	**No quantitative evidence of historic contamination. Anecdotal evidence suggests some asbestos containing materials were deposited at the site no visual confirmation. Recommended that the previously tipped areas are disturbed as little as possible and efforts made to minimise alterations to infiltration in known areas of historic tipping.**
Baseline soil and groundwater reference data	**None**
Supporting information	**Report submitted as "Appendix 15B" in support of planning application.**

3.0 Permitted activities	
Permitted activities	**Recovery operation to restore Cambrian Quarry void using only inert material under a bespoke environment permit and including treatment using mobile screener and crusher.**
Non-permitted activities undertaken	**No further extraction of stone proposed to take place within the quarry.**
Document references for: • plan showing activity layout; and • environmental risk assessment.	**Site Drawings ASH/CQ/03** **Environmental Risk Assessment** **2304-426-M**

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	• 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	• 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	• 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	• **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.