Site Condition Report

COMPLETED SECTIONS 1-3 AND SUBMITTED WITH BESPOKE PERMIT APPLICATION

DURING THE LIFE OF THE PERMIT:

MAINTENANCE OF SECTIONS 4-7

AT SURRENDER:

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

Version	Date	Author	Changes
1	16/06/2022	G Kennett	Sections 1 – 3 completed for permit application.

1 SITE DETAILS	
Name of the applicant	BROCKLEY WOOD VENTURES LIMITED
Activity address	Brockley Wood Quarry Belstead Ipswich Suffolk IP8 4JW
National grid reference	TM 11652 40109
Site entrance (What3Words)	testy.smarting.bridge

Document reference and dates for Site Condition Report at permit application and surrender	Site Condition Report 16th June 2023

Document references for site plans (including location and boundaries)	Site plans

2 Condition of the land at permit issue	
Environmental setting including: • geology • hydrogeology • surface waters	The British Geological Survey Maps of the Ipswich area show the application site within an area shown as one of glacial deposits overlying strata of the Kesgrave formation which in turn overlies the red cragg formation of the Neocene Age with underlying London clay and Harwich formation strata of the Eocene Age. The glacial deposits across the site are largely comprised of glaciofluvial sands and gravels of the Lowestoft formation with glacial till (boulder clay) indicated in the south-western part of the site and the extreme north-eastern corner of the site with a small area of lake silts and clays within the centre. The glacial sand and gravel layer together with the upper part of the Kesgrave formation forms the mineral deposit which will be worked with the glacial till and lake deposits above forming the overburden to the mineral.

	No groundwater was encountered during the 2017 drilling investigation, groundwater was encountered in several boreholes during the 2021 drilling at levels between 32.88m AOD and 35.2m AOD. Further water monitoring of 3 standpipes in 3 boreholes demonstrated that the groundwater on the site generally lies between 33.5m and 34.0m AOD. The site lies with a landscape which is part of an extensive, low-lying plateau area etched by streams and rivers and predominantly in use as agricultural land, with small copses and areas of woodland including Old Hall Wood to the south-east of the site, Brockley Wood to the south and Bentley Long Wood which lies to the south of the site access. The site ranges in elevation from about 42m AOD to about 45m AOD and there is a small swale and stream and copse in the northern part of the site. The stream flows beneath the A12 in a culvert, where the levels are about 36m AOD, and then eastwards towards the Alton water reservoir.
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	The operation is to take place on newly installed impermeable surface on former agricultural land. There is no visual/olfactory evidence of any existing contamination.
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	Not applicable.
Baseline soil and groundwater reference data	Not applicable.
Supporting information	• Source information identifying environmental setting and pollution incidents • Historical Ordnance Survey plans

	• Site reconnaissance • Historical investigation / assessment / remediation / verification reports • Baseline soil and groundwater reference data

3 Permitted activities	
Permitted activities	Inert waste recycling and soil manufacture.
Non-permitted activities undertaken	None
Document references for: • plan showing activity layout; and • environmental risk assessment.	5.3-P1946-BW21 Plant Site final_Jan2022 Environmental Risk Assessment

The following sections are to be completed during the lifetime of the permit.

4 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 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 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 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 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 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 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.*