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	Cleansing Service Group Ltd
Activity address	CSG Depot East Cliff Business Park Severn Road Severnside Avonmouth
National grid reference	ST 54356 81650

Document reference and dates for Site Condition Report at permit application and surrender	Site Condition Report

Document references for site plans (including location and boundaries)	Site Plan – B2.5a

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 • surface waters	The site is underlain by superficial Tidal Flat Deposits overlaying the Triassic Mercia Mudstone Group described as 'Mudstone, red with greenish grey sandstone'. At depth these sediments are unconformably underlain by the Upper Coal Measures of the Upper Carboniferous period that include the Avonmouth No 1 and No 2 coal seams of the Avonmouth Basin. Made ground comprised of mostly clay, with varying constituents of gravel and sand. Anthropogenic components of the made ground includes brick, concrete, metals, glass and plastics. The application site is low-lying and within the surface water catchment of the tidal mouth of the River Severn, which is located approximately 1.8km north-west of the site. The application site lies within the Lower Severn Internal Drainage Board (IDB) area. The application site is bound by perimeter drains/rhines and the surrounding low-lying land is drained by a network of open

	drainage channels. The site is underlain by non-aquifer, referring to the Estuarine Alluvium, these formations are normally regarded as containing insignificant quantities of groundwater.
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 have been two records of pollution incidents nearby the site, one incident (2004) relates to the reported discharge of cyanide bearing effluent to surface water from the Sevalco Site. Another incident relates to the Sevalco Site again, concerning the release of a limited quantity of oil/steam from the 'north plant' to surface water. Historical maps dating back to 1881 indicate the site was open fields and farmland up until the late 1960s whereby an Industrial Carbon Black Plant and a Power Plant (using waste production gas and natural gas) were developed in the surrounding area. A landfill nearby the site was noted in 1999, there is no record of the types of wates accepted into this landfill and as such we must assume worst case scenario of waste which could generate a source of chemical contamination. Information from historical site maps indicate the site may have been used in part for clay extraction, the mineral extraction areas have been subsequently infilled with waste materials, it is unclear if infilling has taken place on the subject site. Potential sources of contamination include; Storage/manufacture of potentially hazardous materials, e.g. heavy feedstock oil, carbon black, limited quantities of petroleum hydrocarbons. Leaks and spills of materials (e.g. oils, grease, combustible materials) from production areas, maintenance of equipment, etc. Possible infilling of part of the Site. Some heavy metal contamination of the topsoil and near surface alluvial soils by air dropped particles from nearby industrial chimneys is expected. Current surrounding sites include the existing Copart Vehicle Reclamation Yard, the Severn Road Industrial Estate and the National Grid Avonmouth LNG storage facility.
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	Phase 1 Contamination Report Viridor
Baseline soil and groundwater reference data	Flood Risk Assessment Avonmouth 2021 Ground Investigation Report_727748_26-03-2013 Area I Report 28-02-2017
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

3.0 Permitted activities	
Permitted activities	Aqueous waste treatment facility
Non-permitted activities undertaken	N/A
Document references for: • plan showing activity layout; and • environmental risk assessment.	Site Plan – B2.5a Site Layout – B2.5a(i) Environmental Risk Assessment – B2.6

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.