

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	Anglian Water Services Limited
Activity address	Chalton Sewage Treatment Works, Luton Road, Chalton, LU5 6HT
National grid reference	NGR: TL 02976 26975

Document reference and dates for Site Condition Report at permit application and surrender	The main application document is entitled 'Chalton Non-Technical Summary'. This application is for a new permit to be submitted in 2022 Pre application reference EA/EPR/KB3603UB/A001
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Document references for site plans (including location and boundaries)	Site plans have been included in the Appendices of the main application document is entitled 'Chalton Non-Technical Summary'. This includes the site location in context of the wider area and the permitted boundary. HAZOP plans are also included in this application folder, entitled 'Chalton Drainage Plan (HAZOP)'.
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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 • hydrogeology • surface waters 	<p>Desk survey using the British Geological Survey interactive online map shows; 1:50 000 scale bedrock geology description: West Melbury Marly Chalk Formation - Chalk. Sedimentary Bedrock formed approximately 94 to 101 million years ago in the Cretaceous Period. Local environment previously dominated by warm chalk seas.</p> <p>Setting: warm chalk seas. These sedimentary rocks are shallow-marine in origin. They are biogenic and detrital, generally comprising carbonate material (coccoliths), forming distinctive beds of chalk.</p> <p>The site is not located within a Flood Risk Zone indicating low risk of flooding. The EA's long term flood risk calculator says there is low risk of flooding from surface waters and very low risk from</p>

	sea/rivers from the closest detectable address on the tool.
<p>Pollution history including:</p> <ul style="list-style-type: none"> • 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 	<p>Historic OS maps show that prior to 1977 the site was agricultural fields (1822 is first map found online).</p> <p>The site has remained as a sewage treatment works for the entire duration.</p> <p>In the last two years (2020-2022) there have been no pollutions or compliance failures.</p>
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	To the best of AWS's knowledge, there is no historic contamination. This site has been operating for multiple years. There has been no site investigations as part of this permit application. However the site may have elevated levels of metals and pathogens due to its use as a sewage works for the last 40+ years.
Baseline soil and groundwater reference data	No groundwater investigations have happened as part of this EPR permit application. There are no plans to close and decommission the site with the foreseeable future.
Supporting information	<ul style="list-style-type: none"> • 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	<p>Imports of domestic waste (20 03 04, 16 10 02) for treatment, and imports of cake (19 02 06 & 19 06 06) for storage.</p> <p>The EPR permit application is for a waste operation of a Water Recycling Centre carrying out biological and physical/chemical treatment of sewage sludges and non-hazardous wastes.</p>
Non-permitted activities undertaken	Operation of water recycling centre; treatment of urban waste water
<p>Document references for:</p> <ul style="list-style-type: none"> • plan showing activity layout; and • environmental risk assessment. 	<p>Refer to the Chalton Non Technical Summary for the site location and site plans.</p> <p>The environmental risk assessment is a standalone document included in the application folder</p>

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

- 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.