

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 Ltd
Activity address	Whitlingham Sludge Treatment Centre (STC) and Combined Heat and Power (CHP) Plant Whitlingham Waste Recycling Centre (WRC) Kirby Bedon Road Trowse Norwich NR14 8TZ
National grid reference	TG 27819 07573

Document reference and dates for Site Condition Report at permit application and surrender	A site condition report was created in 2014 for the original permit application for the site. This includes a description of the site and environmental surrounding at the time. This has been included in the application folder for this permit variation and should be referred to for more information. This site condition report has been produced for the 2021 IED permit variation.
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Document references for site plans (including location and boundaries)	Site plans are in the application folder (appendices). This shows the site location and permit boundary.
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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 	This is as described in the original site condition report in the application folder.
Pollution history including: <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 	One pollution incident from the WRC described in the original site condition report (outside of the STC permit boundary). Any pollutions on the WRC have already been shared with the Environment Agency.

contamination	The site has not had pollution incidents since.
<ul style="list-style-type: none"> evidence of damage to pollution prevention measures 	
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	As described in the original SCR, the site covers approximately 25 hectares. The area was historically farmland before the motorway and current WRC were constructed. Due to the nature of current site activities the risks from land contamination are considered low.
Baseline soil and groundwater reference data	This is as described in the original site condition report in the application folder.
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>The permitting activities are an existing sludge treatment centre, combined heat and power engines and their associated assets, and a liquor treatment plant.</p> <p>These are all permitted under EPR: STC: LP3499SY CHP: RP3435GB</p> <p>No new assets have been built since the last permit variation.</p> <p>The liquor treatment plant (SHARON) was built in 2014 and is located at TG 27878 07435</p>
Non-permitted activities undertaken	The water recycling centre operates under the urban waste water treatment directive.
Document references for: <ul style="list-style-type: none"> plan showing activity layout; and environmental risk assessment. 	<p>“Whitlingham MSD” in the application folder includes a full description of the site activities and the appendices include site layout</p> <p>The application folder includes the Environmental Risk Assessment and Management Plan.</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?	No
Have there been any changes to the permitted activities?	<p>The permitted activities are an existing sludge treatment centre, combined heat and power engines and their associated assets, and a liquor treatment plant.</p> <p>These are all permitted under EPR: STC: LP3499SY CHP: RP3435GB</p> <p>Waste codes 19 06 06, 19 02 06, and 16 10 02 have been added to be in line with the Environment Agency's guidance on waste codes for cake and domestic waste. The site's activities remain the same.</p>
Have any 'dangerous substances' not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?	No
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	
<p>Refer to various management plans in the application folder;</p> <ul style="list-style-type: none"> -Environmental risk assessment -Environmental management plan -Odour management plan <p>This is not exhaustive of the measures Anglian Water may take to protect the environment from our activities.</p>	
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

There have been no pollution incidents that impacted land on Whittingham STC.
Any historic pollutions on the WRC have already been reported to the Environment Agency.

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	<ul style="list-style-type: none">• Description of soil gas and/or water monitoring undertaken• Monitoring results (including graphs)
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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	<ul style="list-style-type: none">• Site closure plan• List of potential sources of pollution risk• Investigation and remediation reports (where relevant)
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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	<ul style="list-style-type: none">• 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)
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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.