

Boxes coloured green to be completed.

In the boxes below please reference other plans and documents within the planning application. This Drainage Statement will be supported by at least one plan drawing showing the proposed drainage solutions.

1. Details of site location and existing drainage arrangements.

Site name	Land Between The Bungalow & Dulais Rock Inn Main Road, Aberdulais, Neath SA10 8EY
Proposed works	Provision of temporary traveller pitch with ecological enhancements
Description of any existing drainage arrangements for the site and any adjacent land that drains onto the site.	This is a brown site with no further land draining into the site.
Construction area of proposed development. Include: any new roof area; any new roadways, driveways, patios, and tracks and similar whether they are permeable or impermeable. You need not include re-surfacing works where the full construction depth is not replaced.	620 m ²

2. Details of how surface water is to be managed and discharged (compliance with the Welsh Government's Statutory Standards for Sustainable Drainage Systems will be required for applications with a construction area greater than 100 m²).

The SuDS Standards and Building Regulations require surface water to be discharged at the highest priority level available for that site. Please complete the tables below to show how surface water will be discharge from the site and why water has not been discharged at higher priority levels. Where required and helpful, please reference other plans and documents within the planning application.

Priority Level 1 – Surface water runoff is collected for use	
Will surface water be collected for use?	YES
If yes, what form will that rainwater harvesting take?	Water butts or bioRetention SuDS planters to be installed to collect rainwater from the dayroom, minimum size 210 litre. Should a water butt be installed then the client will consider constructing a raingardens to the proposed day room prior to discharge to point soakaways.
If no, why not?	

Priority Level 2 – Surface water runoff is infiltrated to ground	
Will surface water be infiltrated to ground?	YES
If yes, what infiltration features are proposed?	Point soakaways are proposed for the day room and the static caravan subject to percolation

	test should planning consent be granted and will be backed up with a full SAB application. Point soakaways to be Building Regulations compliant being 5m from any building and 2.5m from any boundary. Should point soakaways be found not to be suitable sufficient land is available for the water from the roofs to be discharged to an infiltration blanket system. An infiltration blanket is being proposed for the site access road and turning areas. The material to be used for the access and turning areas is to be clean, rolled, permeable stone. The Flood Risk Assessment Wales maps (see Figure 3.1) shows that the site is currently at risk of flooding from a river but also lies close to a surface water and tidal flood area. The maps, however, do not take climate change into consideration. The Flood Map For Planning, which takes climate change into consideration (100 years), shows that the site is at risk of flooding from a river during a Q1000 event (flood Zone 2 - see Figure 3.2). Potentially the site's north eastern boundary could also be at risk during a Q100 event (flood Zone 3). The results from the latest NRW 2D TUFLOW model suggests that the site's eastern boundary could be at risk of flooding during a Q100 + CC event with a flood depth of up to 600mm (see Figure 3.3) but with a flow velocity of less than 0.15m/s (see Figure 3.5). During a Q1000 event flooding is expected to ingress further into the site with a maximum flow depth of over 1m and a corresponding flow velocity of 0.45m/s. However, the topographic survey has indicated that the Lidar data is not accurate on the site's north eastern boundary, possibly due to the sudden change in levels due to a bank. Considering the anticipated water levels (see Figure 3.11 and 3.12) we can take the Q100 + CC level as 10.5m AOD to 10.6m AOD and the Q1000 as 11.1m AOD to 11.2m AOD. Based on the Topographic Survey the site is expected to remain flood free during the Q100 + CC event and the flood depth during the Q1000 event is expected to range up to 360mm with the
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SURFACE WATER DRAINAGE STATEMENT

	western side of the site expected to remain flood free. The day room and the static caravan is located on land over 11.2m AOD and, therefore, is expected to remain flood free during the Q1000 with no loss of flood storage capacity.
If yes, please provide evidence that use of infiltration is viable. BRE365 compliant testing and a demonstration of ground model understanding will be required as evidence.	Full SAB application will be made should planning consent be granted with percolation tests to be carried out that are BRE365 compliant. Simultaneous applications are only advised as the best approach but it is deemed at this stage that the associated costs of full percolations tests and SAB application are not feasible. This Drainage Statement outlines how it is proposed to integrate SuDS into the scheme, to provide the planning authority with confidence the scheme incorporates SuDS appropriately and is subsequently likely to obtain SAB approval.
If no, why not?	

SURFACE WATER DRAINAGE STATEMENT

Priority Level 3 – Surface water runoff is discharged to a surface water body i.e. watercourse	
Will surface water be discharged to a surface water body?	NO
If yes, please provide details of your proposed discharge location. If the surface water body does not appear on OS maps please include details of the surface water body from the point of discharge to the first point it appears on OS mapping.	N/A
If yes, and a connection across third party land is proposed, please provide evidence that permission for the proposed works has been obtained from the landowner.	N/A
If no, why not?	Surface water from the hard surfaces will be dealt with within land in client ownership

Priority Level 4 – Surface water runoff is discharged to a surface water sewer, highway drain, or another drainage system	
Will surface water be discharged to a surface water sewer, highway drain or another drainage system?	NO
If yes, please provide details of the system into which you intend to discharge. Reference other plans in the planning application if necessary.	N/A
If yes, please provide evidence of permission to discharge into that system from the owner of that system.	N/A
If yes, and a new surface water sewer across third party land is proposed (for example, to reach a surface water body), please provide evidence that permission for the proposed sewer has been obtained.	N/A
If no, why not?	Surface water from the hard surfaces will be dealt with within land in client ownership

Priority Level 5 – Surface water runoff is discharged to a combined sewer	
Will surface water be discharged to a combined sewer? <i>Please note, the SuDS Standards do not allow surface water to be discharged to a <u>foul</u> sewer.</i>	NO
If yes, please provide details of your proposed discharge location.	N/A
If yes, please provide evidence that the sewage undertaker is willing to accept a connection.	N/A

3. Information for the proposed SuDS elements of the surface water drainage system and an indication of the intended future maintenance regime.

Please provide a description of the SuDS features proposed, bearing in mind the requirement to provide hydraulic control, treatment, biodiversity and amenity. This might be aided by including a proposed surface water drainage layout plan in the planning application.	1. Water butt – minimum 1 per day room of minimum size 210 litre 2. Raingarden – to serve the day room, minimum size 1m x 1m 3. Or 225 Litre bioretention SuDS planter 4. Point soakaways subject to percolation tests 5. Infiltration blanket 6. planting of native trees and shrubs Please refer to Site layout plan (Drawing 03a)
Who will be responsible for future maintenance of the SuDS features? <i>MCC is required to adopt SuDS features serving two or more properties (unless the site is controlled by a single person or two or more persons together). Agreement of commuted sums would be required for such an adoption.</i>	The SuDS feature proposed will not be adopted and will remain the responsibility of the land owner

Useful references

Key documents and links which will assist with the production of an appropriate surface water drainage strategy and completion of this document:

Statutory Standards for Sustainable Drainage Systems – Welsh Government – 2018. *This is the document against which applications for SuDS approval are assessed.*

The SuDS Manual (C753) – CIRIA – 2015. *This document is available from CIRIA as a free of cost download. It contains a huge amount of information on SuDS.*

BRE Digest 365. Soakaway Design. *This document contains the method for infiltration rate tests which will be required for most applications for SuDS approval. Applicants should also note the requirement to understand ground conditions and the likely consequences of using any infiltration features.*

British Standard BS EN 16941-1:2018 - Rainwater Harvesting Systems. *This document is a recommended Code of Practice for no-potable non-potable rainwater harvesting systems.*

Planning Policy Wales Technical Advice Note 15 (TAN15) – Development, flooding and coastal erosion – Welsh Assembly Government – March 2025.