

Our ref: 22023-602-DraingeTechnicalNote-0

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Web: <https://quadconsult.co.uk>**Drainage Strategy Note - Kingsley Terrace, Aberfan**

This drainage strategy note is issued in support of the proposed development noted above. The development proposes the construction of 8 new dwellings laid out as 4 blocks of semi-detached houses. The current site description is noted as greenfield, existing site topography directs overland surface water runoff into the historical canal / watercourse located at the rear of the land parcel.

Surface Water Drainage

A SAB Application has been submitted (Application No.SAB/22/0015) to Merthyr Tydfil Council for approval. The Drainage Strategy for this current application is in accordance with the above application documents and, following further consultation with Merthyr Tydfil Council's SuDS Approval Body. It will incorporate suitable SuDS mechanisms in accordance with Welsh Government guidance document "Sustainable Drainage systems Standards for Wales". The scheme specific SAB application outlines the proposal in relation to the required standards noted below.

S1. Surface water runoff destination	- <i>Historic canal / watercourse at rear of development</i>
S2. Surface water runoff hydraulic control	- <i>Discharge limited to 0.5l per plot</i>
S3. Water Quality	- <i>On plot treatment before discharge</i>
S4. Amenity	- As per landscape architects & Ecologist specification
S5. Biodiversity	- As per landscape architects & Ecologist specification
S6. Construction, operation and maintenance	- As per CIRIA C768 & Chapter 32 of Ciria C753 guidance

Future maintenance responsibility for surface water elements will be in accordance with Welsh Government Statutory guidance.

Foul Water Drainage

The Development will be served by a new Foul sewer laid within the existing highway fronting the site, and connecting into the existing local area DCWW owned foul network. A section 104 application will be made in accordance with the guidance outlined with in Sewers for adoption 7th Edition. On plot foul drainage elements conveying flows from a single dwelling and located within the landowner's curtilage will remain the responsibility of the plot owner. Drainage network elements conveying flows from more than one dwelling and /or crossing landownership boundaries will be offered to DCWW Welsh Water for adoption.