



SuDS Infiltration Suitability Map

Identifying site suitability for sustainable drainage systems (SuDS) schemes for developers, architects and local authorities.

Climate change is compelling local authorities to think smarter about sustainable property development. Reconciling the pressure for housing with better environmental management is bringing forward new guidance on improved site drainage and flood mitigation.

Our unique SuDS Infiltration Suitability Map reveals the locations best suited to sustainable drainage to meet new compliance standards for planning submissions.

Features

GeoSmart SD50 provides an assessment of the capacity of the ground to receive infiltration depending on the nature, thickness and permeability of the underlying material and the depth to the high groundwater table.



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SuDS Infiltration Suitability Map

Data



Benefits

- Allows preliminary assessment of the site without the need for a bespoke SuDS design
- Use in conjunction with the SuDSmart report range to identify SuDS infiltration suitability and flow/volume design data
- GeoSmart SD50 and SuDSmart used together may be sufficient to obtain outline planning
- Provides the client with a clear site risk profile on drainage cost and land area needed

Pricing

Based on site size plus an administration fee. Contact us for more information or check our website.

Why use our SuDS Infiltration Suitability Map?

Government policy for England is to introduce SuDS to control site rainfall run-off via conditions in planning approvals. Infiltration into the ground is the preferred method for managing surface water run-off on site without increasing flood risk downstream.

Property professionals must assess the feasibility of infiltration SuDS at an early stage in support of the site development process. This will allow outline site assessment of the cost implications and initial master planning of the development prior to the requirement for detailed design.

Lead Local Flood Authorities also need clear guidance on the site suitability for infiltration SuDS when they are assessing proposed developments.

To discuss how you can incorporate the SuDS Infiltration Suitability Map for planning submissions or for local authorities to manage policy in key action areas, contact us today.

About us

We deliver insight on environmental risk and suitability for property development and infrastructure. Our innovative range of desktop reports, data and services, built on a rich heritage of environmental science, enable smarter, more informed decisions.



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