



Planning-ready Sustainable Drainage (SuDS) Assessments for planning applications and development projects

What is a Sustainable Drainage Assessment?

A Sustainable Drainage Assessment demonstrates that a proposed development will not increase flood risk on or off-site, while identifying practical drainage solutions. Designed around how Local Authorities assess surface water management and drainage proposals, GeoSmart's SuDSmart reports help identify constraints early, reduce planning risk and support smoother approvals. GeoSmart has supported 10,000+ planning applications across virtually every UK Local Authority since 2013.

Why choose GeoSmart SuDSmart?

Assessments follow Building Regulations Approved Document H and the recognised drainage hierarchy: rainwater harvesting, infiltration to ground, discharge to watercourse and, only where alternatives are unsuitable, discharge to sewer. GeoSmart combines environmental, geological and hydrogeological data, UK rainfall datasets and its unique SD50 infiltration mapping, backed by £5m PI cover and ISO9001 certified processes.

Choose the right report for you

We offer two GeoSmart reports: SuDSmart Plus, a planning-ready drainage strategy for most residential and commercial applications, and SuDSmart Pro, which adds an enhanced site walkover to validate desktop findings on larger or more complex sites. Compare the features below.

Features included	SuDSmart Plus	SuDSmart Pro
Drainage consultant's professional opinion	✓	✓
£5 million PI insurance	✓	✓
Surface water drainage assessment & runoff calculations (IH124 and Rational methods, incl. climate change allowances)	✓	✓
Hydrological & hydrogeological conditions assessment	✓	✓
GeoSmart SD50 infiltration mapping	✓	✓
Drainage hierarchy assessment & identification of discharge options	✓	✓
Environmental constraints review (SPZs, SSSIs and protected areas)	✓	✓
Outline drainage strategy & SuDS schematic where appropriate	✓	✓
Preliminary attenuation requirements	✓	✓
Consultant recommendations, next steps & guidance on further investigations	✓	✓
Enhanced site walkover with site photographs (up to 1 day travel & site visit)		✓
Local Authority consultation where appropriate		✓
Best suited for	Most residential & commercial planning applications, change of use and new builds	Larger or complex sites, uncertain drainage, challenging topography or multiple discharge constraints
Turnaround time**	Agreed at quote	Agreed at quote, from date of site walkover

* Pricing based on site size, location & complexity / ** Subject to receipt of required information, site access & third-party data

