



Robert Bray Associates

SUSTAINABLE DRAINAGE CONSULTANTS

Fairfield, Coronation Road, Rodborough, Stroud, Gloucestershire GL5 3SB England

Tel: +44 (0) 1453 764885 **Fax:** +44 (0) 1453 765545

Email: rjbassoc@aol.com **Website:** www.sustainabledrainage.co.uk

WHY IS SUSTAINABLE DRAINAGE BEING PROMOTED BY THE ENVIRONMENT AGENCY AND PLANNING AUTHORITIES?

Human development has caused damage to the 'water environment' for centuries by using inappropriate methods of drainage.

At present, rain from road, car parks and other hard surfaces is collected in gullies and pipes.

It can cause:

- flooding - because rain is piped to watercourses before it has a chance to soak into the ground, all water arrives in streams and rivers at the same time;
- pollution - because silt, oils and other pollutants are carried straight to streams and rivers before they can be trapped, removed and broken down naturally. Watercourses are severely damaged.

The Environment Agency recognises the damage conventional drainage to the environment and now advocates a new approach to managing rainfall that replicates natural systems; it is called Sustainable Drainage or SUDS.

Robert Bray Associates

has been involved in the development of Sustainable
Drainage Policy and Guidance:

- Advice to CIRIA Research Project 555 design manuals for Sustainable Drainage;
- Consultants to South Gloucestershire Council Sustainable Drainage Systems Policy.