



ENVIRONMENTAL PERMIT BASELINE STUDY - BRISTOL



Earth Environmental were commissioned to undertake a ground investigation and to inform a new Environmental Permit Application at a Green Waste Composting Facility located in Yate Bristol.

The proposed site was used historically as a Colliery and as agricultural land prior to the current use. To inform the Environmental Permit Application, our client required a survey to understand baseline environmental conditions for soils, groundwater and ground gas across the assessment site.

The subsequent ground investigation comprised of a series of shallow boreholes (utilising Dynamic Sampling techniques), soil and groundwater laboratory analysis and ground gas and groundwater level monitoring.



In addition to the baseline sampling, several falling head tests were undertaken at the assessment site to inform shallow drainage design.

The site investigation was supervised full time by experienced Earth Environmental consultants and all fieldworks were carried out in accordance with BS 5930:2015 and BS10175:2017. The works culminated with the production of a detailed factual report containing:

- Details of all exploratory fieldworks undertaken;
- Detailed descriptions of soils and groundwater conditions encountered;
- Baseline chemical data for Soils and Groundwater;
- Calculation of shallow soil permeabilities



CLIENT: Confidential

LOCATION: Yate, Bristol

VALUE: Confidential

ACTIVITIES: Ground investigation to inform a new environmental permit application

HEAD OFFICE

Houldsworth Mill Business Centre,
Houldsworth Street,
Stockport,
SK5 6DA

E: headoffice@earthenvironmental.co.uk

T: 0161 975 6088

SOUTH WEST

Suite F8, Kingsbury House,
Kingsbury Square,
Melksham, near Bath,
SN12 6HL

E: southwest@earthenvironmental.co.uk

T: 01225 434237

SOUTH

200 Brook Drive,
Green Park,
Reading, Berkshire,
RG2 6UB

E: south@earthenvironmental.co.uk

T: 01189 253229

SCOTLAND

Hudson House,
8 Albany Street,
Edinburgh,
EH1 3QB

E: scotland@earthenvironmental.co.uk

T: 0131 564 1789

NORTH EAST

The Wilton Centre,
Redcar,
TS10 4RF

E: northeast@earthenvironmental.co.uk

T: 01642 438125