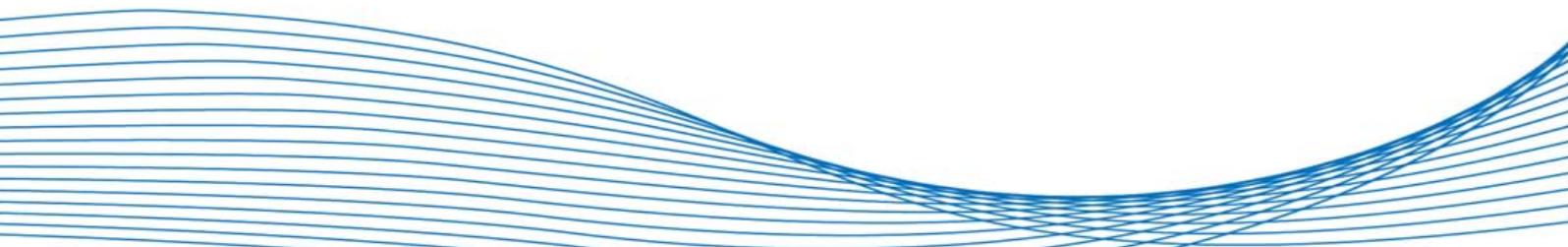




DRAINTECH

helping to improve the drainage network



Draintech is a family run Utility wastewater and Drainage solutions provider. We proudly offer our clients a one stop shop to all of their drainage needs. For the last 25 years we have been “helping to improve the drainage network” by operating a centre of excellence ensuring that are our Engineers are innovative and think outside of the box when it comes to challenges in the Drainage industry. We are dedicated to providing a service which is competitive when it comes to the rates whilst holding Health & Safety, Quality and Environmental awareness at the forefront of our business.

As a specialist Drainage Solution provider we aim to exceed our clients expectations and with our vast amount of knowledge and experience we are seen as a best of breed in the Drainage Field.

Dedicated to Health and Safety

“Health and Safety is Paramount to Draintech we ensure that all our schemes and Engineers place Health and Safety at the centre point”

Dedicated to Quality

“Draintech guarantee the highest level of quality in our work all reports are processed in house and receive a 5% quality check by a trained OS19X personnel”

Dedicated to our Engineers

“We are proud at Draintech to be a family run organisation and we offer that personal touch. Without Our Engineers we would not have a business, therefore we strive to ensure that our engineers are the best in the business with regards to training and development .

Dedicated to Customer Service

“Draintech are dedicated to exceeding our Customers expectations from Rates to completion of schemes”

Dedicated to Innovation

“At Draintech we offer our Customers a One Stop Shop with their Drainage requirements, we encourage our Engineers “Think Outside of the Box” resulting in completion of schemes that our competitors would not be able to complete”



Draintech Services

Draintech are renowned for being experts in wastewater systems. We are able to service domestic customers, commercial clients, an industry contractors and water utilities; we have experience and knowledge in all Drainage areas. All of our Engineers are fully trained and have the relevant qualifications to carry the requested work efficiently and safely ensuring that the quality is of the highest standard.

For further information on Draintech Services please contact Marc Baker on 01656 767001 or marc@draintech.co.uk

CCTV Conditional Survey

A CCTV Survey is the most efficient and cost effective way to inspect drains and sewers without having to excavate the pipes. Draintech are the best when it comes to having a detailed look at the condition of underground drains. Draintech has invested in the most up to date technology, all of our Engineers are highly trained in the remotely-controlled, specialist camera systems and software to carry out a CCTV drain survey.



Our Engineers are able to assess the structural condition and integrity of the drain or sewer without causing any disruption to properties and the environment. Following the Engineers work onsite a technical report and plan will be created by Draintech's highly skilled Processing department which will be able to show you the condition of the sewer and in addition a DVD of the footage is also provided. All survey work will be undertaken in accordance with the Water Research Centre [WRC] Model Contract Documents, Manual of Sewer Condition Classification, Manhole Location Surveys and The Production of Record Maps.

Sewer Tracing Surveys

Draintech are able to assist when it is important to understand the location of sewers i.e. prior to building and developing. Draintech is able to Utilize Radio Detection RD sewer tracing equipment

and sondes. We are then able to provide a comprehensive sewer tracing service. DRAINTeCH is able to electronically trace (sonde and illuminated line trace) drain and sewer positions to depths up to 10 m and record all asset data associated with the system, and mark the route on site, which can then be plotted onto a topography plan or onto an Ordnance Survey Map.



This can help to establish upstream or downstream connectivity of a drainage system to resolve connectivity related issues or can be carried out in conjunction with GPS equipment to fix the location of a pipeline through a site for reasons such as re-development, land registry issues and disputes regarding drainage routes etc. This equipment has also been effectively deployed on road gully connectivity investigation surveys to establish discharge point.

DRAINTeCH often performs this survey combined with a conditional survey to give a better overall picture of exactly what is going on underground. Reports will typically consist of a Sewer Layout plan detailing results of connectivity investigation or route of sewer as appropriate.

Manhole Surveys

DRAINTeCH use STC25 Manhole Survey Software which allows us to record details of the manhole structure and condition, diameter of pipe inlets and outlets, depths of inverts and cover conditions. Manhole surveys are often required when drainage system records are poor or non-existent, for use on 'Critical' sewers to address specific issues or as infill data on networks lacking detail. Our Manhole Cards include details and photographs of the cover lid and location. Our engineers use GPS equipment to record Eastern, Northern and Cover Levels of surveyed manholes. DRAINTeCH are able to carry out The Manhole Surveys in conjunction with the CCTV Surveys giving you a fully customised report on your drainage systems.



All surveys are carried out in accordance with the WRC Model Contract Document for Manhole Location Surveys and Production of Record Maps (STC25) Data can be delivered in a variety of formats to suit your needs including Stand-alone manhole cards, STC 25 Databases or hyperlinked

data driven from a CAD drawing. At Draintech we have the experience in this field to work on schemes from 8 to 80,000 manholes.

Connectivity Surveys

Whether you are checking your IPPC compliance or just wish to have a better understanding of the sewer network it could be that a basic connectivity survey may be the answer! Using a combination of dye testing, sounding between manholes, electro-magnetic location with a line threader, sonde (beacon) and GPS, Draintech are able to locate and map most drainage systems back to either the connection point with the public main sewer or point of outfall.

Combined Sewer Overflow

At Draintech we are able to assist in monitoring for our Utility Clients Combined Sewers this helps protect properties from flooding and identifies areas where sewage is currently or potentially backing up into streets and homes during heavy storm events. Combined sewers transport sewage from homes and industry as well as carrying surface water run off from gutters, drains and some highways. Heavy or prolonged rainfall can rapidly increase the flow in a combined sewer until the amount of water exceeds sewer capacity.

Confined Space Entry

Draintech are able to carry out Confined Space Surveys we have Specialist training and equipment is to work safely and effectively within these hazardous and safety critical environments. Draintech's engineers are trained to City and Guilds (6150-02) level to work within confined spaces. Health and Safety is critical for Draintech especially in these environments and we work in conjunction with



specialist rescue companies for the provision of emergency rescue and risk planning.

Our certified teams are generally utilised whilst working in sewers, inspection chambers, culverts, trenches, rooms and basements where there is a specified risk from conditions or substances and poor access.

Infiltration Surveys

Over the past few years Britain's climate has been dramatically changing, the devastating effects of recent severe winter flooding events are now a priority for National Agencies and Governments. There is now an increased pressure on river and culvert capacity and excessively high water table levels. Draintech's clients' have requested for to us to carry out Infiltration Surveys to assist in understanding areas where their infrastructure is 'at risk' of failure.

In consultation with our Clients a desk top based study is carried out on the problem catchment to establish areas to target for site investigation. This takes into account any information supplied by local residents, network operators and includes a review of the sewer records to locate sections of sewer network running alongside, or crossing, watercourses, traversing large permeable areas (agricultural lands, public open spaces etc).

Site investigations are based on a variety of surveys such as inspections to record evidence of infiltration, flow depth & velocity (including use of hand held monitoring equipment), evidence of surcharge, assessments on ground conditions, river crossing points (pipe bridges, siphons) etc.

Details of survey findings are issued to Clients in various formats and include; scanned field sheets, excel spreadsheets, plans and photographs

Jetting and De Silting

Desilting or cleansing is the key to keeping sewers, pipes, drains and gullies in good repair and fully



operational. This is particularly important when it comes to maintaining our highways and byways, because keeping gullies clear and de silted lessens the risk of flooding in wet weather. Draintech have numerous units to accomplish removing Silt and Debris from any



lines. All of our Engineers have specific qualifications to ensure that the work is carried out safely and effectively.

Sewer Relining - No Dig

Draintech are experienced in Drain relining. This is a cost-effective and no-mess alternative to traditional drain repairs. Draintech's non-intrusive methods will ensure your drains are back to perfect working condition in no time, and will remain free flowing for years to come.

Sewer Patching

Draintech are able to carry out patch repairs on the drainage networks. These patch liners are used as a chosen method of repair where defects are evident within a certain section of sewer or drainage system. The patch liner system is generally used when there is a particular isolated defect or there are multiple defects within a shorter section area of pipe work.

These areas can be remotely accessed generally through one point of entry such as an existing manhole chamber. Patches can also be overlapped to achieve rehabilitation over greater distances where access may be an issue to install a full-length liner.



Inflatable packers are used to allow flows to continue to pass through the system whilst the patch liner has been inserted in the defective areas allowing the continued use of the system. This reduces the impact on customers, allowing continued use of their internal facilities.

All patch liners are installed to water industry standards.

Draintech Company Details

Registered Address:

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 Charnwood Park
 Bridgend CF31 3PL

Company Registration Number:

6358971

Company VAT Number:

483819213

Contact Number:

01656 767001

Sample of Draintech Clients



**For More Information Contact Marc Baker on
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website www.draintech.co.uk**

