

MIDLAND DRAINAGE SERVICES



ALL YOUR DRAINAGE NEEDS

Tel: 01384 - 482228
www.midlanddrainage.co.uk

Welcome to

MIDLAND DRAINAGE SERVICES



Midland Drainage Services is a family owned and operated Drainage Company, based in the West Midlands and covering England and Wales;

We can provide for

ALL YOUR DRAINAGE NEEDS

from a simple blockage to reinstatement, if problems are identified and encountered.

Our clients include Domestic, Commercial and Industrial clients alike, from the everyday householder to the largest House Builders, Construction and Blue Chip Companies in the UK.

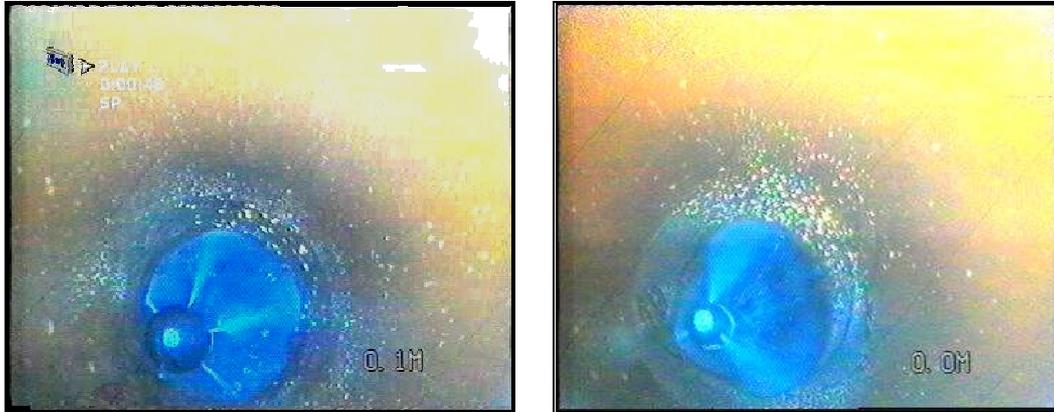
Our client portfolio includes Architectural Companies, Civil Engineering Companies, Store Fit and Refit Companies, Local Authorities, Housing and Maintenance Companies, etc offering a broad spectrum of services where required.

Here, we would like to show you some of the services offered by
MIDLAND DRAINAGE SERVICES.

**Please feel free to contact us to fully discuss your
drainage requirements.**

**CCTV Surveys ~ Mortgage Surveys ~ High Pressure Water Jetting
Blockage Removal ~ Remedial Work ~ Repair Work ~ Site Maintenance
Drain Lining ~ No Dig Technologies**

High Pressure Water Jetting



The pictures above show High Pressure Water Jetting in action.

High Pressure Water Jetting has become very popular within the drainage industry. This can be used to clear blockages and clean drain pipes and sewers using water under pressure, delivered from a drain jetting unit.

All Midland Drainage Services vehicles are equipped with High Pressure Water Drain Jetting units.

By using high pressure jetting equipment, which delivers water under various pressures, units are effective at both clearing stubborn drain blockages and cleaning the inside of the drain pipes.

Using a selection of drain jetting nozzles we are then able to adapt to most situations and clear and cleanse most items from the pipe work, such as;

- Silt
- Non – drainage debris
- Grease
- Encrusted materials
- Roots

All of these items can be removed from the drainage system.

**CCTV Surveys ~ Mortgage Surveys ~ High Pressure Water Jetting
Blockage Removal ~ Remedial Work ~ Repair Work ~ Site Maintenance
Drain Lining ~ No Dig Technologies**

Some matters may require further attendances or other forms of repair to restore the drain or sewer to a state of satisfactory hydraulic fluidity.

As the pipe or sewer increases in size, it may be necessary to introduce High Volume Tanker Jetting or Combination Units.

There are varying types of high volume tanker units available; these vary between sole jetting capability, sole suction or vacuum capability or a combination unit that can operate both systems simultaneously.

The combination unit can cleanse the system and also remove the discharged content at the same time; the content is then taken away from site for authorised disposal.

Closed Circuit Television Survey

Midland Drainage Services has the ability to fully survey drains and sewers. This is an effective way of inspecting the condition of drainage systems for a variety of reasons.

We use two different types of camera systems; push rod cameras and / or mainline tractor systems.



Push Rod Camera;

Pushrod type camera units can survey pipe sizes from 40mm to 225mm diameter pipe work. These are progressed along the drainage manually, stopping as instances are identified. These are recorded and reported accordingly;

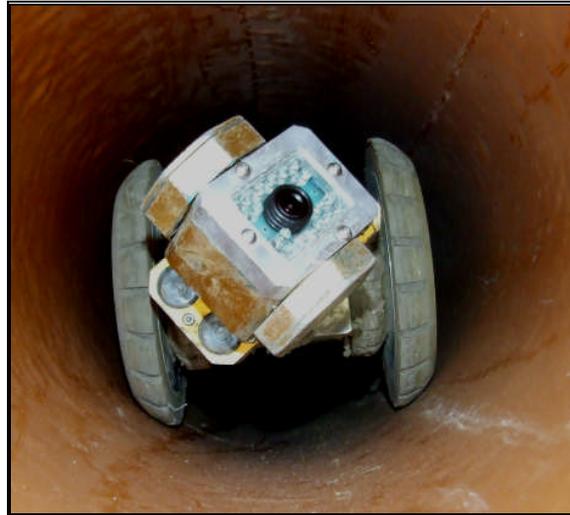
Mainline Systems;

Mainline cameras can survey drainage routes from 150mm up to 1500mm diameter and beyond. The camera unit is motorised and is progressed along the drainage route for inspection to be carried out.

Our systems are equipped with full "Pan and Tilt" lens heads; the camera is stopped at a point of interest in the sewer and the camera lens rotated both horizontally and vertically to gain a close up vision of the facet of interest.

The camera unit is also equipped with a 10 x optical zoom lens so that an even closer view can be gained; this is especially useful when inspecting both connections and junctions sited along the drainage route.

We operate a system called "pan and tilt" which means you can stop anywhere within the pipe and turn the head of the camera to see within a lateral direction.



View shows a Pan and Tilt Mainline Camera.

This is particularly useful for inspecting junctions, connections and cracks etc.

These surveys can be carried out for a substantial number of purposes, the following being an example;

- Mortgage and Re-mortgage purposes.
- Assess condition and location prior to building construction.
- New build and construction upon completion.
- Connectivity purposes.
- Sewer dimension and capacity.
- Location of connections and junctions; discharge points; manhole chambers.
- Investigation purposes such as contamination.

All surveys are presented using "Wincan" reporting systems, as approved by the Water Authorities;

**CCTV Surveys ~ Mortgage Surveys ~ High Pressure Water Jetting
Blockage Removal ~ Remedial Work ~ Repair Work ~ Site Maintenance
Drain Lining ~ No Dig Technologies**

Presentation Surveys

To accompany the Closed Circuit Television Survey and report, we can also include the following;

- A Photo Register of the areas of the drainage survey.
- This can easily be extended to a full Photographic Survey of the area together with a full written narrative of each individual view taken.

The report can include views of;

- Manhole internals and external areas.
- Buildings.
- Watercourses.
- Roads, etc.
- Other areas of interest to the client.

This then fully enhances the report being compiled for the client.

By associating the Presentation Survey with the Closed Circuit Television Survey report and Site Record documents, a full pictorial and schematic drainage report can be presented to the client.

In doing so, the client has the ability to fully view the above ground areas and above and below ground drainage systems from the comfort of the office or home.

[This report can be supplied on CD disc format that may be viewed on any computer or most DVD players.](#)

As with all of our services, these can be tailor made and adapted to the clients' specific requests and requirements.

Drain Lining and Sewer Repair

Following the Closed Circuit Television Survey and reports it may be necessary to perform some form of remedial works to restore the condition of the drain or sewer to a satisfactory state of hydraulic fluidity.

**As well as excavations to replace pipe work,
“No Dig Technologies” are available such as
“Drain Lining” or “Localised Structural Repair”.**

Drain lining involves the insertion of a resin impregnated liner or “sleeve” to the existing pipe; the resins are then “cured” into place using air, water or heat or a combination of these.

Upon completion the lining material then becomes the replacement pipe.

Any incoming junctions or connections that have been covered by the insertion of the repair method can then be reopened using “Lateral Cutting” equipment.

As an alternative to a full length drain repair a

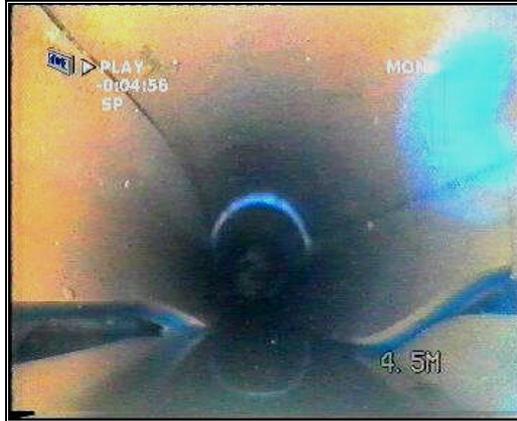
“Localised Structural Repair”

can be installed to a small section of the drain or sewer; again this involves a resin impregnated “mat” that is positioned at the point of defect and cured into place.

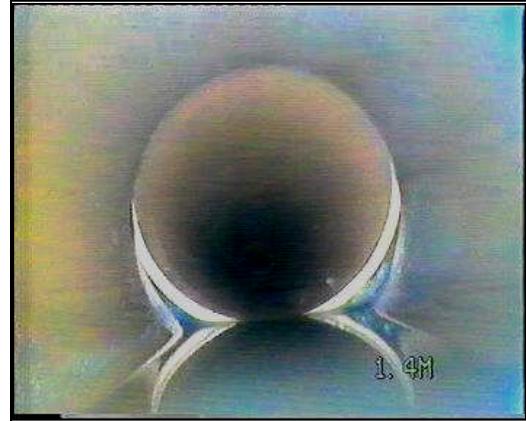
This method of drain repair is recognised as a more cost effective way than lining the whole pipe for just one defect, or as an alternative to excavation.

This is particularly useful when only a small section of the pipe is defective, and a more cost efficient alternative can be considered.

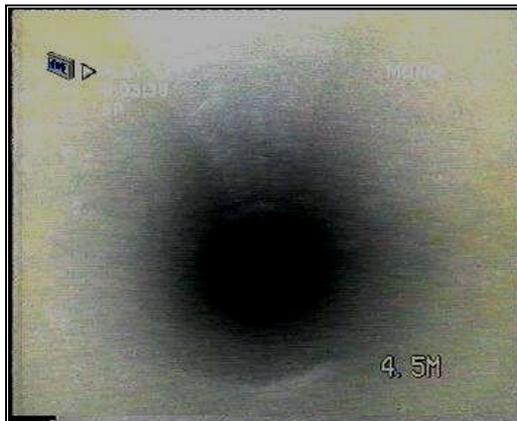
Examples of Drainage Repairs



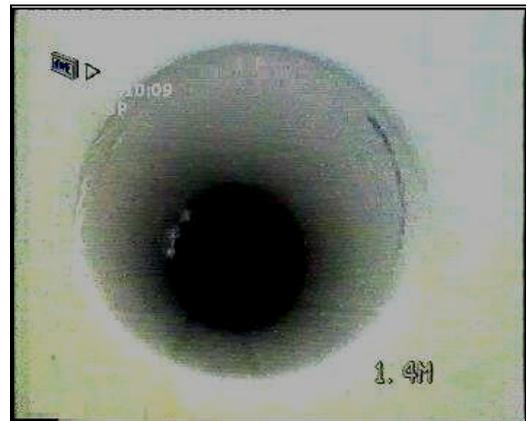
Broken Drain Prior to Repair.



Displaced Joint Prior to Repair.



Broken Drain Following Repair by Lining.



Displaced Joint Following Localised Repair.

Confined Space Entry



Drainage systems and manhole chambers can and are highly dangerous environments to work in and around, due to their depths and contents. Subsequently our engineers are fully trained in the methods of safe entry and exit to these systems, using the necessary equipment such as;

- Tripods.
- Winches.
- Harnesses.
- Escape Sets, and Breathing Apparatus, etc.

All of our vehicles and engineers are fully trained and equipped with harnesses and safety systems should the need for such an entry be identified.

**CCTV Surveys ~ Mortgage Surveys ~ High Pressure Water Jetting
Blockage Removal ~ Remedial Work ~ Repair Work ~ Site Maintenance
Drain Lining ~ No Dig Technologies**

Site Maintenance

**Clients ask why Site Maintenance is important;
the answer is simple.**

Everything has to be maintained and looked after such as cars and houses; drainage systems work the same way. Because it is underground and can't be seen, it tends to be forgotten about until an issue arises.

Site Maintenance involves an attendance to site or property to carry out a periodic inspection, for example every 6 months. This could be a visual inspection of the system and using High Pressure Water Jetting equipment to then cleanse the system so as to ensure hydraulic fluidity.

By applying periodic High Pressure Water Jetting and other such maintenance tools to a drainage system and carry out if necessary, a Closed Circuit Television Survey where required, defects can be monitored and dealt with cost effectively, before they cause major disruption.

Equally the client has the satisfaction of knowing that the system is being "managed and maintained" and that stubborn and inconvenient blockages are being dealt with timely and efficiently.

Maintenance can be extended to include sink waste traps and urinal waste traps being regularly cleansed and internal manhole covers being fully sealed, so as to prevent foul odours entering the work place or home.

**CCTV Surveys ~ Mortgage Surveys ~ High Pressure Water Jetting
Blockage Removal ~ Remedial Work ~ Repair Work ~ Site Maintenance
Drain Lining ~ No Dig Technologies**

Contact Details

Reg'd Office: - 5 High Ercal Avenue
Brierley Hill,
West Midlands,
DY5 3QH.



Telephone: 01384 – 482228



Fax: 01384 – 482278

Free!



Free phone: 0800 – 298 – 6820



E-mail : info@midlanddrainage.co.uk



Website: www.midlanddrainage.co.uk

We look forward to hearing from you.

**CCTV Surveys ~ Mortgage Surveys ~ High Pressure Water Jetting
Blockage Removal ~ Remedial Work ~ Repair Work ~ Site Maintenance
Drain Lining ~ No Dig Technologies**

The logo for Midland Drainage Services features the company name in a bold, blue, serif font, stacked in three lines: "MIDLAND", "DRAINAGE", and "SERVICES". Each word is underlined with a double-line effect. The text is enclosed within a blue circular graphic that has arrows at the top and bottom, suggesting a continuous cycle or service.

MIDLAND
DRAINAGE
SERVICES

***ALL YOUR DRAINAGE
NEEDS***

Blockage / Drain Clearance

High Pressure Water Jetting

Camera Surveying

Remedial / Repair Work

Root Removal

Drain Lining

Site Maintenance

CSCS Registered

**Midland Drainage Limited
T/as-Midland Drainage Services.**

**Reg'd Office: - 5 High Ercal Avenue,
Brierley Hill, West Midlands, DY5 3QH.
01384 - 482228**