

Accelerated Drain Services  
UNIT 95 WATERSIDE CLOSE  
BARKING  
ESSEX  
IG11 9EL  
Tel: 0800 955 7242  
E: info@london-drainage.co.uk



***Generic Method Statement for Localised  
Drain repair using no dig techniques.***

It is the policy of Accelerated Drainage Services that this Method & Risk Assessment must be reviewed and signed prior to commencing work as required by The Health and Safety at Work etc. Act 1974 and subsequent regulation.

Prepared by: MD Services  
Reviewed By: M. Beattie

Consultant  
Director

Date: 27/10/2021  
Date: 27/10/2021

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**Introduction into carrying out localised pipe repairs using no dig techniques:** No dig repair works are works using a 2 part resin kit and matting which allows for a repair to be carried out which is stronger and longer lasting than the host pipe it is carried out in. the technique uses packers, compressor and air tubes. The repair is cured at an ambient temperature and once cured the waste products are handled like plastic waste.

**At all time's a copy of the safety manual will be kept on site and procedures of use will be adhered to. A copy of this has been provided.**

### **Scope of Works**

**1. Purpose**

Localise repairs of drains.

**2. Location**

Various

**3. Drawings / Photographs**

As supplied by Client

**4. Rodents**

The drainage system **may** have to be jetted through and sanitised before the survey can progress if there's any siting of rodent activity, (please see Risk Assessment regarding the risks of avoiding catching Leptospirosis (Weil's Disease)).

**5. Personnel**

2 x Trained and certified personnel (certification available on request)

2 men on site is **mandatory** on all Central London operations. These include High-Pressure Water Jetting, the use of rotary machinery (electromechanical) and CCTV surveys at all times for safety of our staff, members of the public and any work force working around us.

**6. Plant, Equipment**

1 x Compressor  
1 x Generator  
1 x Selection of Packers  
1 x Selection of air rods  
1 x Isolation Transformer (pat tested)  
1 x Mobile CCTV unit  
1 x Jetting unit

## **7. Welfare Arrangements**

Work breaks for meals, toilet etc. are as per Accelerated Drain Services conditions, and comply with the requirements of the Health & Safety at Work Act 1974. As there is no welfare facilities on site all vehicles have supplies of masks and hand sanitiser as described in **appendix 1 section 7** use the following website - <https://www.toiletmap.org.uk/> for public restrooms unless working for business clients who have a duty to provide facilities.

## **8. Procedure**

The following steps are to ensure a safe work system for **Personnel** and **Public** at all times.

**The controls have been selected to protect the Health and Safety of operatives and others that may be affected by the work. The controls have been designed to protect against the risks recorded on Risk Assessment. This general guidance should only be used when it is appropriate to specific site conditions. APPENDIX 1 has to be complied with and signed off before any works can commence during the COVID-19 pandemic.**

- 8.1 All work carried out will be by as per associated Risk Assessment RAADSNDRCGEN271021-1.
- 8.2 Toolbox Talks are required to be had with operatives involved regarding the site conditions.
- 8.3 Obtain permit to work (where required).
- 8.4 Don appropriate PPE for prescribed works your full 5-point PPE as prescribed in section 12.
- 8.5 Barrier off the working area, always position warning signs in prominent positions, set up ground protection sheet.
- 8.6 Operatives are required to allow plenty of room within the barriered zone for movement and works.
- 8.7 The machinery will be set up at the lowest drainage outlet or in fall whichever provides the best access.
- 8.8 The drainage line is required to be cleaned before works commence to ensure packer does not get deformed.
- 8.9 Operatives in the following line of sight.  
1 x operative directing and controlling jetting hose/ cctv camera  
1 x operative safety watch/ guiding air hose with packer attached.
- 8.10 Once the drainage line has been cleaned the line will be surveyed using the CCTV camera system to locate area of repair.
- 8.11 Packer and airline have to be set up and guided by CCTV camera to repair location, once this is reached the hose is marked to ensure the repair is carried out at the designated location.
- 8.12 Remove all materials from drain repair kit, measure out matting and cut to desired length and width ensuring an area of overlap of 3 inches. Wrap packer with polythene and secure in place with tape or elastic bands. Burst internal seal in 2 part kit and agitate bag to ensure even mixture of contents (generally 20 – 60 seconds).
- 8.13 Pour mixture onto matting and smooth out using kits spatula, this is required on both sides. Then wrap matting around packer and secure with elastic bands.
- 8.14 Using CCTV guide packer and matting to repair location and visually confirm it is at the desired repair location. Inflate packer to recommended pressure and leave for 2 hours monitoring pressure and re-pressurising when required.

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- 8.15 Once kit has went off (cured) remove all equipment from drainage line and proceed to next area following steps from 8.5 to 8.15 until all repairs have been carried out.
- 8.16 On completion, all work area will be tidied to client's satisfaction and any waste will be disposed of in line with local plastic disposal requirements.
- 7.17 Permit to be signed off & client sign of job sheet to acknowledge work meets requirement.

**8. Interface with Others**

Director **Martin Beattie 07890612480** will liaison with Client on satisfactory safety procedures & work satisfaction.

**9. Adverse weather conditions**

Follow procedures, drains must not be capped off during heavy rains in-case this causes flooding elsewhere which may cause back surges, **DO NOT** enter the chambers/ pits and or manholes during heavy rains. This technique is unadvised during heavy rainfalls.

**10. Emergency and First Aid**

To be fully explained during the site inductions, site rules will apply. Emergency, First Aid Procedures and Accident Investigation are as per Accelerated Drain Services Safety, Health and Environment Procedures.

**11. Training**

Before starting off the job, personnel involved will be notified by Management of this assessment and the precautions required.

**12. P. P.E.**



As a minimum the P.P.E. requirement for this task are:

- |                                   |                       |
|-----------------------------------|-----------------------|
| 1/ High Vis vest EN ISO 20471     | 2/ Gloves BS EN-388   |
| 3/ Safety Boots EN ISO 20345:2011 | 4/ Hard Hat BS EN 397 |
| 5/ Goggles DIN EN 166             | 6/ Overalls EN 343.   |

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**Operator Signature**

**Print name**

**Date**

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## **APPENDIX 1**

**Before any works can start the 'Risk Check Sheet' must be completed and any yes answers require further controls completed & signed.**

### **1.0 Introduction**

Any sites operating during the Coronavirus Covid-19 pandemic need to ensure they are protecting their workforce and minimising the risk of spread of infection.

This guidance is intended to introduce consistent measures on sites of all sizes in line with the Government's recommendations on social distancing.

These are exceptional circumstances and the industry must comply with the latest Government advice on Coronavirus at all times.

The health and safety requirements of any construction activity must also not be compromised at this time. If an activity cannot be undertaken safely due to a lack of suitably qualified personnel being available or social distancing being implemented, it should not take place.

We are aware that emergency services are also under great pressure and may not be in a position to respond as quickly as usual.

Employers and sites should remind the workforce at every opportunity of the Site Operating Procedures which are aimed at protecting them, their colleagues, their families and the UK population.

If a site is not consistently implementing the measures set out below, it may be required to shut down.

### **2.0 Traveling to Site**

Wherever possible workers should travel to site alone using their own transport and we would expect sites to consider:

- Parking arrangements for additional cars and bicycles
- Other means of transport to avoid public transport e.g. cycling
- Providing hand cleaning facilities at entrances and exits. This should be soap and water wherever possible or hand sanitiser if water is not available
- How someone taken ill would get home.

**For our operatives who rely on a driver both the driver and worker are required to wear a Type IIr disposable face mask, wipe down overalls and use antibacterial wipes at every opportunity whilst in the vehicle.**

Drivers will not change any vehicles which they are driving unless the vehicle is:

- Not road worthy and will breach the road transport regulations
- The vehicle is faulty and justifiably in breach of the road transport regulations

### **3.0 Self-Isolation**

Any Operative who meets one of the following criteria should not come to work or attend any Accelerated Drain Services site:



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- Has a high temperature or a new persistent cough - follow the guidance on self-isolation
- Is a vulnerable person (by virtue of their age, underlying health condition, clinical condition)
- Is living with someone in self-isolation or a vulnerable person.

### **3.0 Procedure if Someone Falls Ill**

If an operative develops a high temperature or a persistent cough while at work, they should:

- Return home immediately
- Avoid touching anything
- Cough or sneeze into a tissue and put it in a bin, or if they do not have tissues, cough and sneeze into the crook of their elbow.

They must then follow the guidance on self-isolation and not return to work until their period of self-isolation has been completed.

### **5.0 Site Access Points**

Accelerated Drain Services will not attend any site other than for emergency works or Pre Planned Emergency works.

We would expect the site to have in place the following protocol: -

- No non-essential visitors to works areas permitted
- Introduce staggered start and finish times to reduce congestion and contact at all times
- Monitor work area access points to enable social distancing – you may need to change the number of access points, either increase to reduce congestion or decrease to enable monitoring.
- Not to use any entry systems that require skin contact e.g. fingerprint scanners
- Require all workers to wash or clean their hands before entering or leaving the site
- Allow plenty of space (two metres) between people waiting to enter site
- Regularly clean common contact surfaces in reception, office, access control and delivery areas e.g. scanners, turnstiles, screens, telephone handsets, desks, particularly during peak flow times
- Only Accelerated Drain Services Employees are allowed to be in attendance at site inductions and wherever possible these should be held outdoors
- Drivers should remain in their vehicles if the load will allow it and must wash or clean their hands before unloading goods and materials.

### **6.0 Hand Washing**

As the works do not have any welfare facilities being supplied by the client all vehicles contain ample amounts of hand sanitizer etc and the following has to be adhered to.

- Regularly clean hands and check sanitiser levels, where required top up.

### **7.0 Toilet Facilities**

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The following procedures have to be adhered to whilst using public toilets – which can be found using <https://www.toilemap.org.uk/>

- Restrict the number of people using toilet facilities at any one time
- Wash hands before and after using the facilities

### **8.0 Canteens and Eating Arrangements**

Whilst there is a requirement for any site to provide a means of heating food and making hot drinks, these are exceptional circumstances.

#### **Workforce are required to stay on site once they have entered it and not use local shops.**

- Dedicated eating areas should be identified on site to reduce food waste and contamination (vehicle during this situation).
- Break times should be staggered to reduce congestion and contact at all times
- Hand cleaning facilities or hand sanitiser should be used before eating.
- The workforce should be asked to bring pre-prepared meals and refillable drinking bottles from home
- All rubbish should be put straight in a bin and not left for someone else to clear up
- All areas used for eating must be thoroughly cleaned at the end of each break and shift, including seats, dashboard etc..

### **9.0 Changing Facilities, Showers and Drying Rooms**

#### **10.0 Avoiding Close Working**

There will be situations where it is not possible or safe for workers to distance themselves from each other by 2 metres.

#### General Principles

- Non-essential physical work that requires close contact between workers should not be carried out
- Work requiring skin to skin contact should not be carried out
- Plan all other work to minimise contact between workers
- Re-usable PPE should be thoroughly cleaned after use and not shared between workers
- Single use PPE should be disposed of so that it cannot be reused (type IIR 3 ply masks and gloves)
- Stairs should be used in preference to lifts or hoists
- Where lifts or hoists must be used:
  - Lower their capacity to reduce congestion and contact at all times
  - Regularly clean touchpoints, doors, buttons etc.
  - Increase ventilation in enclosed spaces

#### Site Meetings

- Only absolutely necessary meeting participants should attend
- Attendees should be two metres apart from each other
- Rooms should be well ventilated / windows opened to allow fresh air circulation



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- Consider holding meetings in open areas where possible.

#### 11. **Cleaning**

- Enhanced cleaning procedures should be in place across the site, particularly in communal areas and at
- touch points including:
- Door handles and push plates
- Lift and hoist controls
- Machinery and equipment controls



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## Risk Check Sheet

Are We At Risk From ?	YES / NO	Action to Control / Remove Risk
Are any Accelerated Employees showing signs of COVID 19	YES / NO	If yes leave site and self-isolate
Are any persons on site showing signs of COVID 19	YES / NO	If yes leave site
Falling from Height	YES / NO	
Slipping or tripping	YES / NO	
Any overhead working	YES / NO	
Traffic nearby	YES / NO	
Moving parts	YES / NO	
Incorrect tools used	YES / NO	
High Pressure water/air/steam	YES / NO	
Manual Handling methods	YES / NO	
Cramped conditions	YES / NO	
Poor access / egress	YES / NO	
Airborne particles	YES / NO	
Poor visibility	YES / NO	
Adjacent hot pipe work	YES / NO	
Electrocution	YES / NO	
Drowning	YES / NO	
Noise	YES / NO	
Vibration	YES / NO	
Radiography	YES / NO	
Poorly secured loads	YES / NO	
Confined space	YES / NO	
Suffocation	YES / NO	
Risk of not being able to keep 2 mtr social distance	YES / NO	
<b>Any other RISKS</b>	YES / NO	
<ul style="list-style-type: none"> <li>• All <b>YES</b> answers must have an <b>action</b> to Control or Remove the Risk</li> </ul>		
<b>Do you know where</b>	<b>YES / NO</b>	<b>LOCATION</b>
The nearest telephone is ?	YES / NO	
The nearest safety shower is ?	YES / NO	
The nearest Fire Extinguisher is ?	YES / NO	
Fire alarm pull point ?	YES / NO	
The nearest Muster point?	YES / NO	
<b>Does this work require</b>	<b>YES / NO</b>	<b>Certificate No / Training Date</b>
Specialist certification / Training ?	YES / NO	
Pre discussions ?	YES / NO	
Practical training ?	YES / NO	

**DO NOT START** the work and report to the Client and Martin Beattie (ADS director) Supervisor, if you believe the **RISK to SAFELY** carry out the work described is **UNACCEPTABLE**,  
**Signatures Operatives:**

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