**A1 Wokingham Wet Waste**

Continuously look for hazards.

High Pressure Jetting

 **Ensure**

 **all necessary**

 **PPE**

**is worn at all times**

All employees must be trained and competent in high pressure jetting.

**Steps**

1. On arrival to site all A1 Wet Waste Ltd employees must report to the pre-arranged meeting point.
2. Site will be under the control of the appointed site supervisor whose instructions will be obeyed at all times.
3. An onsite risk assessment will be carried out by the site supervisor. Any changes from the site risk assessment will be noted and appropriate measures taken to control the risks identified.
4. Work will not commence until procedure 3 is completed. If risks cannot be controlled works must be abandoned until appropriate control measures in place and works safe to continue.
5. All A1 Wet Waste Ltd employees will undergo a site induction. All site rules will be understood and adhered to.
6. A1 Wet Waste Ltd employees are to be reminded on dangers of working on site. See generic risk assessment “working on site”.
7. Safe access will be made to the point of works. All site safety rules will be followed throughout the operations including access and egress to point of works and site speed limits.
8. Safe positioning of all company vehicles around work site ensuring our Safety at Street Works and Road Works code of practice is adhered to.
9. The working area must be suitably protected via the use of barriers and cones. See generic risk assessment on “street works / road works”.
10. When all safety barriers are in place around required manhole then manhole cover can be raised.
11. Once the chamber has been adequately ventilated an atmosphere test using a gas monitor must be obtained. The outcome of this test will determine whether works will be permitted. If the test is a pass, operations are permitted following the instructions below. If the test is a fail no works will commence. All chamber access covers will be replaced and all A1 Wet Waste Ltd employees will leave the site ensuring it is left in a safe condition. Again, following all site safety rules and regulations.
12. If the atmosphere test has passed.
13. Set up an equipment dump with all jetting equipment needed.
14. Inspect all fixtures and fittings of jetting equipment.
15. Connect all the appropriate couplings, lances and end fittings. Ensuring all couplings are of correct standard and fit.
16. Connect the required nozzle and ensure the nozzle is of correct standard and fit.
17. The person operating the high-pressure jet must be competent and wearing the correct PPE. See generic risk assessment High Pressure Jetting. All operations must be in accordance with the safe working and use of water jetting in drains and sewers code of practice.
18. Locate the required channel; this can be done using drain rods.
19. Insert the rods into the out falling pipe, ensuring full engagement.
20. Using the Tiger Tail and HP hose, thread over the rods and lower simultaneously until both are located at the invert ensuring the pressure nozzle is safety secured in the pipe.
21. When you are certain the HP hose and nozzle are safely secured with the pipe.
22. Start high pressure water pump using minimum pressure, switch on the jetting water until you are satisfied the nozzle has travelled forward within the drain / pipe.
23. Retract the drain rods used as guidance to out falling pipe.
24. Continue jetting on minimum pressure until the obstruction has been reached.
25. When obstruction has been reached. Increase the pressure as required removing blockage and cleaning area.
26. When blockage has been suitable removed switch off water pressure generator and release pressure.
27. Isolate high-pressure water pump.
28. When the high-pressure jet has been stopped and isolated remove the nozzle and guide from drain / sewer / chamber.
29. Replace manhole immediately. Remembering the correct manual handling procedure.
30. When safe to do so ensure covers are replaced, barriers removed, the work area cleaned and disinfected and the site is left in a safe condition
31. Ensure all equipment is checked, cleaned and stowed away.
32. Leave the site ensuring it is left in a safe condition. Again, following all site safety rules and regulations.
33. Report any defects, faults or operational problems immediately to your supervisor.

PPE

* Eye protection (safety goggle).
* Foot protection (safety boots / wellingtons).
* Ear protection.
* Head protection (hard hat).
* Body protection (water proofs).