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| | Activity Description | **Use of High pressure washers (Combi/Vanpack) general use** | | | | | | --- | --- | --- | --- | --- | --- | | Equipment Used | HPW Jetter, Drain Rods, Manhole Keys, barrier/cone/signs as appropriate | | | | | | Substances Used | Water | | | | | | Assessment  Ref No. | **AQU03** | Project |  | Location |  | | Assessor Name | Andy Gunton | Assessment Date | April 2025 | Review Date | April 2026 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | **Severity –** *What Type of Injury Could Occur?* | | | |  |  | **L=1**  **Minor Injury** | **M=2**  **Moderate Injury** | **H=3**  **Major Injury** | | **Likelihood** | **L=1**  **Unlikely** | Insignificant  1 | Low  2 | Medium  3 | | **M=2**  **Likely** | Low  2 | Medium  4 | High  6 | | **H=3**  **Very Likely** | Medium  3 | High  6 | Extreme  9 | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Identify the Hazard | Who is at risk | Current Risk Rating | | | | Controls | | Residual Risk Rating | | |
| S | x L | = R | | S | x L | = R |
| Use of Equipment | Operatives, driver, public | 2 | 2 | 4 | | 1. Only qualified operative to operate High Pressure Water Jetting Unit 2. Regular toolbox talks as a reminder on best working practices 3. A thorough induction and familiarisation training prior to independent use 4. Prior to using the High Pressure Water Jetting Unit ensure the whip check cable is attached | | 2 | 1 | 2 |
| Manual Handling | operatives | 3 | 2 | 6 | | 1. At no time is an operative to Manual Handle beyond their capabilities. 2. Manual handling will be avoided if possible by using alternative methods. 3. All operatives are trained in manual handling techniques and methods. 4. A risk assessment should be undertaken if the manual handling activity could be considered a reasonable risk. Good manual handling techniques to be used at all times. Selection of the correct type of glove for the lifting / moving operation is essential. 5. When carrying out repetitive manual handling operations for long periods of time, it may be necessary to take short regular breaks. | | 3 | 1 | 3 |
| Debris Dirt and Stone | operatives | 3 | 2 | 6 | | 1. All PPE to be worn including eye protection when carrying out jetting due to stones 2. Dust masks to be worn where excessive dirt and debris levels are produced. 3. Damp down where necessary. 4. Presence of any harmful dust should be established before work commences, enabling specific control measures to be determined. 5. A separate risk assessment for harmful debris e.g. asbestos, silica’s or lead will be required from site prior to our works. We do not work with asbestos etc | | 3 | 1 | 3 |
| Vibration Exposure | Operatives | 3 | 2 | 6 | | 1. Reduce the need for using vibrating tools and consider using alternative methods or tools. 2. Practice job rotation to share the exposure. 3. Keep equipment in good condition and tools sharp. 4. Work to the guidelines within the team pack. 5. Record required details within your risk assessment pack. | | 3 | 1 | 3 |
| Noise exposure | operatives | 3 | 2 | 6 | | 1. Try to keep noise to a minimum to protect yourself and your work colleagues and to minimise disruption to members of the public. 2. Don’t keep machinery running unnecessarily. 3. Move the noise source away from the work area or move the work area away from the noise. 4. Use appropriate Ear protection. 5. Ensure that ear defenders are worn the correct way around and are in good condition, where ear plugs are used ensure a good fit and correctly inserted. 6. If you have any difficulty in wearing ear defenders, ensure that you inform your Line Manager | | 3 | 1 | 3 |
| Slips, trips and falls | operatives | 2 | 2 | 4 | | 1. Personnel to proceed with extreme caution in the field due to the potted surface. Good site housekeeping is to be maintained. 2. Sites should be kept tidy and well protected from traffic etc. 3. Tools and equipment must be properly stored and secure. 4. Pedestrian walkways to be provided that are clear of spoils, tools or obstruction. 5. Care should be taken when using cables and hoses on site and consideration given to protection/ramping them during operation. 6. Work areas are to be left clean, tidy and free from waste when work ceases. | | 2 | 1 | 2 |
| Electric shocks and burns | operatives | 3 | 3 | 9 | | 1. Use a non conducting material (piece of wood) to remove the casualty from the equipment or cable. 2. Undertake Basic Life Support. 3. All of the above must be addressed before work commences, to ensure safe working practices are maintained. 4. Ensure electrical item is tested in line with manufacturers guidance 5. Avoid water contact with electrical sources 6. Always isolate from the mains source of electric in event of mechanical breakdown. 7. Do not attempt to repair any parts unless qualified and competent. | | 3 | 1 | 3 |
| Projections | operatives | 3 | 2 | 6 | | 1. The zone of work as well as his accesses will be kept clean and free of the materials or remains will be stored in the places destined for such | | 3 | 1 | 3 |
| Infection -Hepatitis | Operatives, driver | 2 | 3 | 6 | | 1. Operatives to wear suitable PPE including gloves, clothing 2. Inoculations against hepatitis A and B | | 2 | 1 | 2 |
| Infection – Skin and Eye | Operatives | 1 | 3 | 3 | | 1. PPE covering all skin 2. Eye protection goggles 3. Protective face visor 4. Emergency eye wash carried on all vehicles | | 1 | 1 | 1 |
| Gastroenteritis | Operatives | 1 | 3 | 3 | | 1. PPE to be worn by operatives 2. Hand washing facilities to be provided 3. Alcohol wipes/gel on vehicles | | 1 | 1 | 1 |
| Confined Space | Operatives | 3 | 3 | 9 | | 1. Entry to confined spaces not permitted by any Aquarius Waste employees. | | 3 | 1 | 3 |
| Falling into open manholes | Operatives, public | 3 | 3 | 9 | | 1. Ensure any open manholes are adequately cordoned with barriers 2. Ensure appropriate task lighting is available | | 3 | 1 | 3 |
| Injury | Operatives, public | 3 | 2 | 6 | | 1. Ensure all PPE is worn 2. Only qualified operative to operate equipment 3. Ensure site induction has been carried out in order to obtain the correct information regarding site first aid regulations | | 3 | 1 | 3 |
| PPE summary: | High Visibility Clothing Symbol - Vinyl Safety Labels On-a-Roll   Gloves small icon Eye protection icon | | | | | | | | | |
| Training: | All users must be qualified to drive and hold valid driving licence.  All users must read and abide by this risk assessment. Annual refresher is required.  Operatives must receive suitable training including refresher training. | | | | | | | | | |
| Management requirements: | Pressure washer must be periodically maintained through services, to meet manufacturer’s requirements.  Provide sufficient resources for training requirements, as outlined above.  Undertake annual review of risk assessment. | | | | | | | | | |
| Management declaration: | I have read and understood this risk assessment and agree to comply with the management requirements set out above | | | | | | | | | |
| Print Name | | | | Signature | | Position | | Date | |
| Andy Gunton | | | | A.Gunton | | Director | | April 2025 | |
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