

RISK ASSESSMENT

Activity Description	Use of pressure washers, general use and to clear blocked drains				
Equipment Used	HPW Jetter, Drain Rods, Manhole Keys, barrier/cone/signs as appropriate				
Substances Used	Water				
Assessment Ref No.	AQU02	Project		Location	
Assessor Name	Andy Gunton	Assessment Date	April 2024	Review Date	April 2025

		Severity – <i>What Type of Injury Could Occur?</i>		
		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	<ul style="list-style-type: none"> • Only qualified operative to operate High Pressure Water Jetting Unit • Regular toolbox talks as a reminder on best working practices • A thorough induction and familiarisation training prior to independent use • 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	<ul style="list-style-type: none"> • At no time is an operative to Manual Handle beyond their capabilities. • Manual handling will be avoided if possible by using alternative methods. • All operatives are trained in manual handling techniques and methods. • 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. • When carrying out repetitive manual handling operations for long periods of time, it may be necessary to take short regular breaks. 	3	1	3

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Debris Dirt and Stone	operatives	3	2	6	<ul style="list-style-type: none"> • All PPE to be worn including eye protection when carrying out jetting due to stones • Dust masks to be worn where excessive dirt and debris levels are produced. • Damp down where necessary. • Presence of any harmful dust should be established before work commences, enabling specific control measures to be determined. • 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	<ul style="list-style-type: none"> • Reduce the need for using vibrating tools and consider using alternative methods or tools. • Practice job rotation to share the exposure. • Keep equipment in good condition and tools sharp. • Work to the guidelines within the team pack. • Record required details within your risk assessment pack. 	3	1	3
Noise exposure	operatives	3	2	6	<ul style="list-style-type: none"> • Try to keep noise to a minimum to protect yourself and your work colleagues and to minimise disruption to members of the public. • Don't keep machinery running unnecessarily. • Move the noise source away from the work area or move the work area away from the noise. • Use appropriate Ear protection. 	3	1	3


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					<ul style="list-style-type: none"> • 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. • If you have any difficulty in wearing ear defenders, ensure that you inform your Line Manager 			
Slips, trips and falls	operatives	2	2	4	<ul style="list-style-type: none"> • Personnel to proceed with extreme caution in the field due to the potted surface. Good site housekeeping is to be maintained. • Sites should be kept tidy and well protected from traffic etc. • Tools and equipment must be properly stored and secure. • Pedestrian walkways to be provided that are clear of spoils, tools or obstruction. • Care should be taken when using cables and hoses on site and consideration given to protection/ramping them during operation. • Work areas are to be left clean, tidy and free from waste when work ceases. 	2	1	2

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Electric shocks and burns	operatives	3	3	9	<ul style="list-style-type: none"> • Use a non conducting material (piece of wood) to remove the casualty from the equipment or cable. • Undertake Basic Life Support. • All of the above must be addressed before work commences, to ensure safe working practices are maintained. • Ensure electrical item is tested in line with manufacturers guidance • Avoid water contact with electrical sources • Always isolate from the mains source of electric in event of mechanical breakdown. • Do not attempt to repair any parts unless qualified and competent. 	3	1	3
Projections	operatives	3	2	6	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Operatives to wear suitable PPE including gloves, clothing • Inoculations against hepatitis A and B 	2	1	2
Infection – Skin and Eye	Operatives	1	3	3	<ul style="list-style-type: none"> • PPE covering all skin • Eye protection goggles • Protective face visor 	1	1	1

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					<ul style="list-style-type: none"> Emergency eye wash carried on all vehicles 			
Gastroenteritis	Operatives	1	3	3	<ul style="list-style-type: none"> PPE to be worn by operatives Hand washing facilities to be provided Alcohol wipes/gel on vehicles 	1	1	1
Confined Space	Operatives	3	3	9	<ul style="list-style-type: none"> Entry to confined spaces not permitted by any Aquarius Waste employees. 	3	1	3
Falling into open manholes	Operatives, public	3	3	9	<ul style="list-style-type: none"> Ensure any open manholes are adequately cordoned with barriers Ensure appropriate task lighting is available 	3	1	3
Injury	Operatives, public	3	2	6	<ul style="list-style-type: none"> Ensure all PPE is worn Only qualified operative to operate equipment Ensure site induction has been carried out in order to obtain the correct information regarding site first aid regulations 	3	1	3
PPE summary:								
Training:	<p>All users must be qualified to drive and hold valid driving licence.</p> <p>All users must read and abide by this risk assessment. Annual refresher is required.</p> <p>Operatives must receive suitable training including refresher training.</p>							
Management requirements:	<p>Pressure washer must be periodically maintained through services, to meet manufacturer's requirements.</p> <p>Provide sufficient resources for training requirements, as outlined above.</p> <p>Undertake annual review of risk assessment.</p>							

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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	<i>A. Gunton</i>	Director	April 2024