













Precision Installations ABN 17155740551 Suite 41 / 124 - 130 Auburn Street, Wollongong, NSW, 2500		Revision #1	Job Date: 26th August 2022
		Created: 26th August 2022	Last Update: 26th August 2022
Authorised Representative:	Glen Fitzgerald - Ph:0420995605	This SWMS has been developed by: Glen Fitzgerald With consultation from onsite personnel and the responsible person for SWMS implementation, monitoring and review: Glen Fitzgerald	
WHS Representative:	Glen Fitzgerald - Ph:0420995605		
Work Activity / Task: Water Jetting			
Location: 23 Castlebar Street, Kangaroo Point			
Description: Complete tasks associated with water jetting service lines			
Review of Control Measures	The control measures for high risk work will be implemented by the workers undertaking the work who have had the opportunity to have input into the control measures and have been trained in the SWMS. The supervisor of the workers will periodically check that the control measures are being followed and determine if a review of the controls is required. A review may also be initiated at the request of an elected Health and Safety Representative. The implementation of the control measures may also be monitored by the completion of the Site Safety Checklist. Any non compliance at this stage will also initiate a review of the controls.		
Relevant WHS Act:		Work Health and Safety Act 2011	
Relevant WHS Regulations:		Work Health and Safety Regulation 2017	

Task / Job Requirements:

PPE Requirements	
 ☒	 ☒
 ☒	 ☒
 ☒	 ☒
 ☒	 ☒
 ☒	 ☒
 ☒	 ☒
Permit To Work Requirements	
This job does not require any permits be obtained before commencing work.	
Equipment Requirements	
Equipment used on this Job / Task has been verified to be in good working order and is authorised for use on the job site at 23 Castlebar Street, Kangaroo Point . Compliance documentation and pre start checks can be obtained through the responsible person Glen Fitzgerald .	
Training Requirements	
Personnel Responsibilities	All workers must read and adhere to all safety procedures and Codes of Conduct in place for this site. All staff are to be pro-active regarding safety and report any near misses or safety risks to a Precision Installations Supervisor. In addition workers must read and understand the site safety rules as well as the requirements and processes outlined in this Safe Work Method Statement.

High Risk Works Check List:

Risk of a person falling more than 2 metres	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Likely to involve disturbing asbestos	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Working on or near shaft or trench deeper than 1.5m or a tunnel	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on or near chemical, fuel or refrigerant lines	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Tilt-up or precast concrete elements	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work in areas with artificial extremes of temperature	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on telecommunications tower	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Temporary load bearing support for structural alteration or repairs	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Use of explosives	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on or near energised electrical installations or services	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on/in/adjacent to roadway, railway, shipping line or other traffic corridor in use by traffic other than pedestrians	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work in or near water or other liquid that involves a risk of drowning	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Demolition of load bearing structure	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on or near a confined space	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on or near pressurised gas mains or piping	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work in an area that may have contaminated or flammable atmosphere	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Diving Work	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work in an area with movement of powered mobile plant	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>

Job Breakdown:

HIERARCHY OF CONTROLS						
Most Effective						Least Effective
Item	Step Description	Potential Hazards	Risk Class	Controls	Residual Risk	
1	Daily Plant Inspection checklist	<ul style="list-style-type: none"> - Slips, Trips, Falls. - Oil and fluid contact with skin. - Movement of other vehicles in depot. - Vehicle accident - Pedestrians. 	18	<ul style="list-style-type: none"> - Risk assessment to be performed by authorised, trained and qualified person prior to commencement of any work. - All site personnel to be notified before any equipment or plant is to be moved. - Nominate vehicle positions and site boundaries allowing for movement of necessary equipment. 	2	
2	Site Establishment - Arrival to site	<ul style="list-style-type: none"> - Overhead Power lines & Trees - Traffic Control - Public Movements 	18	<ul style="list-style-type: none"> Restrain hoses and cables using high visibility protectors and secure knots. When applicable indicate traffic and pedestrian routes allowing for appropriate widths and safe distances from work to be performed. When working in a residential property, ensure all pets are removed from the work area. Reduce all trip hazard risks by keeping the site clean and tidy 	2	

3	Commence Water Jetting process	<ul style="list-style-type: none"> - High Pressure Water - Water Hose Uncontrolled causing Injury 	13	<p>Traffic management (if required) will be as per approved Traffic Management Plan done by an approved and accredited Traffic Management System and Contractor.</p> <p>Appropriate traffic warning signs shall be placed prior to the commencement of work.</p> <p>Hi Visibility clothing shall be worn at all times.</p> <p>At all times parked vehicles/plant are to be marked out with traffic cones that comply with RTA regulations.</p> <p>Site must not be left unattended.</p> <p>All work is to be done in accordance with the traffic management plan</p>	2
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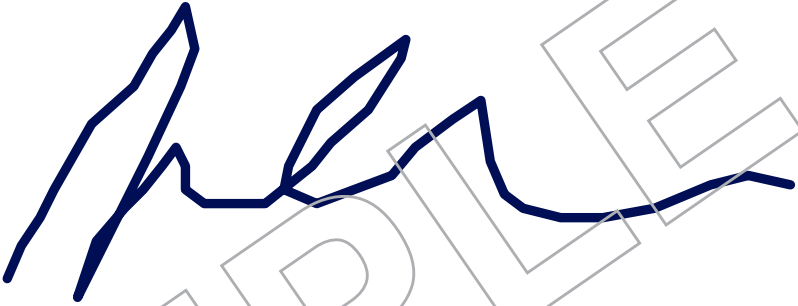

4	Commence Clearing Lines	<p>Exposure to Biological Hazards High Pressure Back-spray Infection and biological hazards Toilet Spurts Process of descaling decreases Oxygen level in Confined Space</p>	18	<p>All work sites will be barricaded in a manner that does not allow public/ unauthorised access. All work sites to have sufficient and correct warning signs. Communication must remain clear (2 way radios may be required) Site supervisor must designate an evacuation route and assembly point prior to the commencement of work. In the event of a site evacuation all personnel must proceed to the designated assembly point in a safe manner All vehicles to be checked for oil/fluid leaks prior to travel to site. All vehicles to carry a fluid containment kit/Spill kit. If Vacuum loading is required, Prior arrangements for the disposal/tipping of the type of material to be loaded must be made with an accredited handler for that particular waste. Complete Risk Assessment at the commencement of job</p>	2
5	Removal tree roots and foreign material	<ul style="list-style-type: none"> - Unknown blockage - Services in sewer - Sewer back flow / Surcharge. - Jet hose exiting pipe. - Biological infection 	13	<ul style="list-style-type: none"> - DBYD completed - Service location completed - Service documentation obtained from client - All employees are issued with Hi Visibility cotton drill long sleeve shirts and long pants. - All employees are issued with gloves 	2

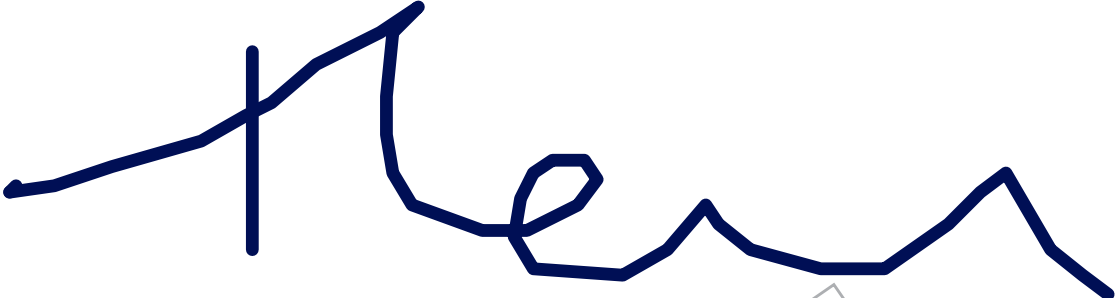
6	Removing the jetting hose	<ul style="list-style-type: none"> - Wet Surfaces, Trip, slip fall. - Surcharge/Biological infection. - Back Strain 	13	<ul style="list-style-type: none"> - Ensure allocated PPE is worn at all times inc. safety glasses and gloves - Ensure two man lifts for all heavy lifting or mechanical aid as required - Ensure strong back position when removing hose by hand 	2
7	Close Access points and lids	<ul style="list-style-type: none"> - Back Strain - Manual handling - Infections 	13	<ul style="list-style-type: none"> - Ensure two man team for heavy lifting or mechanical aid - Ensure PPE is worn at all times including gloves and glasses - Ensure skin is cleaned using disinfectant for any potential biological exposure 	2
8	Restore Site	<ul style="list-style-type: none"> - Manual handling - Infections - Slips, Trips and Falls 	13	<ul style="list-style-type: none"> - Ensure two man team for heavy lifting or mechanical aid - Ensure PPE is worn at all times including gloves and glasses - Ensure skin is cleaned using disinfectant for any potential biological exposure 	2

SAFETY

SWMS Acknowledgement:

This SWMS has been developed through consultation with our workers and has been read and signed by all workers involved with this activity

Name	Role	Signature	Date
Glen Fitzgerald	Worker		26th August 2022
Luke Nebo	Worker		26th August 2022

Tim Cornish	Worker		26th August 2022
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Appendices: Risk Matrix

	Minor	Serious	Severe	Major	Catastrophic
Almost Certain	Class: 10 Moderate	Class: 16 High	Class: 20 Extreme	Class: 23 Extreme	Class: 25 Extreme
Likely	Class: 7 Moderate	Class: 12 Serious	Class: 17 High	Class: 21 Extreme	Class: 24 Extreme
Possible	Class: 5 Moderate	Class: 6 Moderate	Class: 13 Serious	Class: 18 High	Class: 22 Extreme
Unlikely	Class: 2 Low	Class: 4 Low	Class: 9 Moderate	Class: 14 Serious	Class: 19 High
Rare	Class: 1 Low	Class: 3 Low	Class: 8 Moderate	Class: 11 Moderate	Class: 15 Serious

Likelihood			Consequence		
Value	Classification	Description	Value	Classification	Description
1	Rare	Unlikely to occur (less than 5% chance)	1	Minor	First Aid Injury (FAI). Minimal impact on health & safety which can be resolved by daily procedures & pre-start.
2	Unlikely	Could occur (5-25% chance)	2	Serious	Medical Treated Injury (MTI). Treatment required by physician or medical personnel (not a First-aider).
3	Possible	May occur at some time (25-50% chance)	3	Severe	Lost Time Injury (LTI). Injury sustained to employee who is unable to work following day or perform usual duties.
4	Likely	Will probably occur (50-75% chance)	4	Major	Single fatality or hospitalisation. Permanent disability or long term illness/injury.

5	Almost Certain	Very likely to happen (over 75% chance)	5	Catastrophic	Multiple fatalities or permanent debilitating injuries
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Appendices: Hazard Identification

Step 4
Commence Clearing Lines



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