



Hydrovac Excavation Procedure

Developed by:		Approved by:	Date created:	Last revision:
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Possible Hazards Present		Personal Protection Required		Additional Training
<ul style="list-style-type: none"> - Noise pollution - Equipment Malfunction - Slip/Trip - Airborne particles - Muscle strain/ Repetitive Motion - Other workers and equipment - High voltage 		<ul style="list-style-type: none"> - Hard Hat - Steel Toed rubber boots - Face Shield - Hand Protection - Long sleeves and pants (rain suit) - Hearing Protection - Rubber gloves designed for high voltage 		<ul style="list-style-type: none"> - Equipment operator certification - First Aid
<ol style="list-style-type: none"> 1. Do a pre-job hazard assessment of work to be done. 2. Designate wand operator and remote control operator. 3. With wand, start cutting ground in small sections, always keeping wand moving. 4. Use vacuum hose to suck out excess water and mud being broken away. 5. Pay constant attention to what is being exposed. Water pressure is between 2100 and 2200 PSI, will cut through soft materials. 6. If damaged electrical wires become exposed, stop immediately and assess the hazards. 7. Ensure that wand end is clear of debris and mud when job is finished. 8. Additional care must be taken when locating and exposing fiberglass lines. 9. Clean off vacuum hose. 10. Cover or guard open excavations. 				
Documentation/Legislation Workplace Safety and Health Regulations, 2022 6 Personal Protective Equipment 8 Musculoskeletal Injuries 12.3 Hearing Conservation and Noise Control 16 Machines, Tools, and Robots 22 Powered Mobile Equipment			<p>This Safe Work Procedure will be reviewed anytime the task, equipment or materials change and at a minimum every three years.</p>	