

## Flushing Low Pressure Sewer System Mains For Routine Cleaning

**DO NOT** use this plant\* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator

This SWI may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process. Additional training may be required for high risk plant. Site and task may change required PPE.

### PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



Long and loose hair must be contained or covered.



Hand protection must be worn



Foot protection must be worn



High visibility clothing must worn

### POTENTIAL HAZARDS AND RISKS

- i Slip, Trips, Falls**  
Slip, trip, fall due to uneven or slippery work surfaces  
Slip, trip, fall due to steep working surfaces
- i Exposure to High Pressure Fluid**  
Injury from exposure to high pressure fluids

- i Manual Task Injury**  
Manual task injury from incorrect manual handling techniques
- i Other**  
Exposure to biological hazards

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site-specific risk assessment
- ✓ Complete the appropriate pre-operational plant checklist
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure to set up an exclusion zone around open pit using safety cones/witches hats

- ✓ When flushing is complete, close ball valve on LPSS flushing point
- ✓ Unscrew standpipe to stop water flow
- ✓ **Before removing hoses or making any adjustments, release pressure from hoses using small ball valves on RPZ Anti Syphon device**

### OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Open hydrant lid using a lever
- ✓ Install Standpipe into hydrant and screw down to crack open hydrant slightly to flush dirt and debris from hydrant top
- ✓ Open LPSS flushing point pit and remove "camlock" cap if present.
- ✓ Attach one end of hose to standpipe using "camlock" fitting
- ✓ Ensure rubber washer is in place and both levers on "camlock" are fully locked in place
- ✓ Attach other end of hose to the inlet side of the RPZ Anti Syphon Device
- ✓ Using another hose, attach one end to the discharge side of RPZ Anti Syphon Device
- ✓ Attach the other end of this hose to LPSS flushing point
- ✓ **Ensure ALL "camlock" levers are in the locked position always**
- ✓ Place witches' hats around hoses to warn others
- ✓ Screw down Standpipe slowly to start water flow
- ✓ Open ball valve on flushing point to commence mains flushing
- ✓ Flushing times will vary depending on circumstance
- ✓ Avoid hoses crossing roadways where possible

### ENDING OPERATIONS

- ✓ When pressure has been released, remove hose from LPSS flushing point and RPZ Anti Syphon Device discharge point
- ✓ Remove hose from Standpipe and RPZ Anti Syphon Device inlet
- ✓ Roll up hoses. Ensure all equipment is in good working order and stored in the appropriate location
- ✓ Close and lock down LPSS Flushing Point lid
- ✓ Close hydrant lid
- ✓ Ensure worksite is left in a clean and tidy state, remove all tools and equipment

### DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✗ Do not leave plant running unattended
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant

\*Plant in this SWI refers to any machinery, equipment, appliance, container, implement and tool.