

## Safe Work Instruction - Clean Bar Screen Rake (Manually) at Wastewater Treatment Plants

**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.



Protective body clothing must be worn



Rubber boots or waders must be worn



Hand protection must be worn

### POTENTIAL HAZARDS AND RISKS

- ❗ Cutting, Stabbing or Puncturing**  
Injury from contact with discarded hypodermic needle & syringe
- ❗ Slip, Trips, Falls**  
Slip, trip, fall due to uneven or slippery work surfaces
- ❗ Manual Task Injury**  
Manual task injury from incorrect manual handling techniques
- ❗ Other**  
Exposure to biological hazards

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site-specific risk assessment
- ✓ Complete visual plant check prior to operation
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Isolate Bar Screen rake and if possible all pumping stations that deliver flow to the inlet works for the duration of this task and follow tag out procedure

### OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Perform task when all possible pump stations have been isolated or during low flow.
- ✓ Only use tools to remove rags (multigrips, scraper or similar)

### ENDING OPERATIONS

- ✓ Place rags from Bar Screen rake in wheelbarrow and dispose of into Sulo bin, collection pit or skip bin
- ✓ Take isolates off Bar Screen rake and all pump stations concerned and return to normal operation.
- ✓ Clean tools and dispose of soiled PPE

### DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✗ Do not use hands to remove rags under any circumstances to avoid needle stick injury
- ✗ 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.