

Document Owner: Manager Customer Planning

Stormwater Pump Station Penstocks - Planned Maintenance

Planned maintenance procedures for maintenance and testing of stormwater pipelines penstocks.

Health & Safety and Operational Information

Hazard Indicators



Personal Protection



Health and Safety Information

- Health and Safety documentation.
- Generic Traffic Management Plans or site-specific Traffic Management plan.
- Hazardous Waste
- Confined Space Entry
- Working near water
- Gas detection

Operation's & Maintenance Documentation

- Corridor Access Requests (CAR) and WIP Permits (site specific or generic/global)
- Service plans (B4uDig)
- Design drawings & P&ID's
- Site plans

Customer Information (Confidential)

Priority Customer Categories

Emergency Procedure / Escalation

Additional Documentation

Emergency

- Make "Site Safe" and isolate risks to people or property with resources at hand

Escalate if extra resources required or problems occur!

- Escalate to Team Leader and inform of the issues faced and/or expected resources required if necessary.

Required Skills, Competencies (Qualifications and/or Certifications)

Licensed Operator

Document Owner: Manager Customer Planning

Stormwater Pump Station Penstocks - Planned Maintenance

Standard Operating Procedure

Required Equipment

Equipment and Information	Details
Fully Equipped Vehicle	Ensure vehicle, plant, equipment and materials appropriate to the day's work schedule is available.
Specialist Equipment	Ensure specialist equipment required is available for utilisation.
Specialist Materials & Parts	Ensure you have loaded up all the required parts and materials required to undertake the maintenance work to be completed.

Prepare to do the work

Action	Action Details
Pre Start Process	Complete the Daily Pre Start – Planned Maintenance <ul style="list-style-type: none"> - Include Hazard ID - Include Pre-Start Tailgate Meeting Undertake all tasks required in the Generic Planned Maintenance SOP.
Compliance	Traffic Management Plan - Where required, TMP to be in place prior to work starting. TMP to be accessible on site.

Perform the work

Action	Trade	Action Details
TMP	Licensed Operator	Implement TMP if required. Review TMP for suitability to site. Amend and update if needed.
Inspect	Licensed Operator	Check penstock cages (signage, condition, check, vandalism and graffiti). Confirm no active penstock alarms Check penstock chamber Check transducer level Check penstock operation. Check that close procedure can be initiated. Check penstock cabinet is secure Check penstock controls are in auto. Inspect actuator condition. Check for leaks and ensure all seals are operational. Penstock operation. Can full close procedure be performed
Maintenance	Licensed Operator	Check penstock operation. Open and close fully. Remove debris from associated manholes and chambers.
Record	Licensed Operator	Record debris removed during cleaning (estimated volume in m3).
Report	Licensed Operator	Generate work order for any remedial work required.