

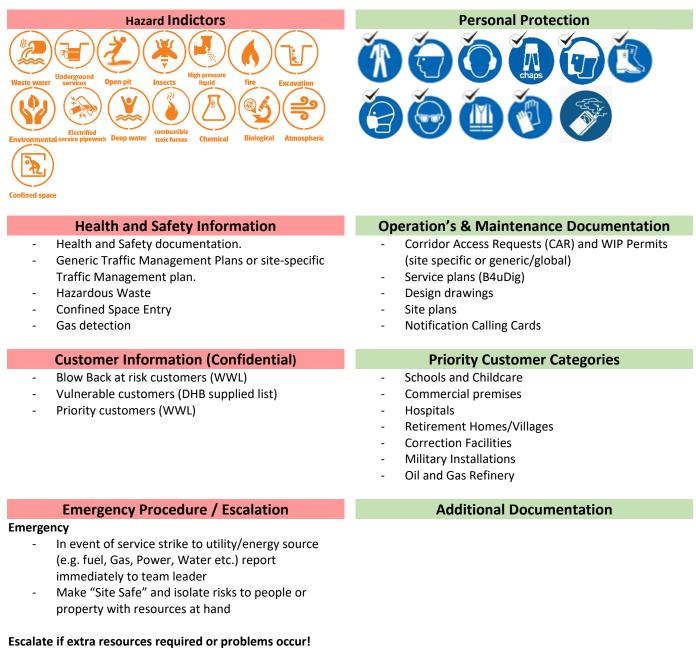


Document Owner: Manager Customer Planning

Containment Structures - Reservoirs - Planned Maintenance

Planned maintenance procedure for operational maintenance of Reservoirs.

Health & Safety and Operational Information



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

Required Skills, Competencies (Qualifications and/or Certifications)

Registered Electrician. Mechanical Fitter or Welder Licenced Operator

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Containment Structures - Reservoirs - 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.	
Specialist Services	Engage suitability qualified engineer to undertake condition assessment of Reservoir	

Prepare to do the work

Action	Action Details	
Pre Start Process	Complete the Daily Pre Start - Planning Reactive Maintenance	
	- 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.	

For Reservoirs Only - Perform the work

Action	Trade	Action Details
ТМР	Licenced Operator	Implement TMP
		Amend and update TMP for site conditions if needed.
Inspect		Check ASV in Auto and valve position showing fully open.
		Check sample tap present and in good condition
	Licenced Operator	Check security
		Check ASV panel indicator panel lights are operational.
		Check distribution air valves.
		Check emergency stop button.
		Perform security check.
		Check condition of vermin screens
		Verify flow meter.
		Check integrity water well(s) if present.
Inspect	Licenced Operator	For Reservoirs Only -
Inspect	Registered Electrician	Inspect and test analytical instruments.
		Inspect and test AC breakers & Isolators
		Replace Battery (PLC).
Maintenance	Licenced Operator	Clean probes and floats confirm fixing, junction box and cables secure
		Test probe alarms page to operators and acknowledge
		Exercise valve. Check paintwork indicates function.
		Operate Scour valve, check for leakage.
		Replace pH Probe.
		Check pressure switch operational.
		Check and/or replace (where required) Battery (Plc).
		Service air valve.
Maintenance	Registered Electrician	For Reservoirs Only - Calibrate and verify reservoir transducers.
Inspect	Civil Engineer	- Inspect condition civil structures.
Maintenance	Civil Engineer	Inspect structural condition Water Pipelines Culvert.
Report	Civil Engineer	Report on civil and structural condition of Reservoir