

Document Owner: Manager Customer Planning

Stormwater Siphon Flushing - Planned Maintenance

Planned maintenance procedures for flushing and inspection of Stormwater siphons.

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

Operation's & Maintenance Documentation

- Corridor Access Requests (CAR) and WIP Permits (site specific or generic/global)
- Design drawings
- Site plans

Customer Information (Confidential)

-

Priority Customer Categories

-

Emergency Procedure / Escalation

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.

Additional Documentation

-

Required Skills, Competencies (Qualifications and/or Certifications)

Competent persons only.

Document Owner: Manager Customer Planning

Stormwater Siphon Flushing - 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. <ul style="list-style-type: none"> - Water containment - Debris trap - Jetting equipment
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. Resource Consent - Arrange for and ensure resource consent conditions are maintained during operation (if required, check with Technical Advisor)
Network Assessment	Identify access manholes to be utilised to flush network. Utilise the iPad embedded GIS to locate all network manholes. If required trace flow restrictions / blockages downstream to open free flowing network and upstream to determine extent of backflow and pipes to be flushed.
Environmental Assessment	Identify areas to protect from potential pollutants and run off.

Perform the work

Action	Trade	Action Details
Maintenance	Competent Person	Perform the following; <ul style="list-style-type: none"> - Photograph site prior to commencing activities if issues are encountered. - Prepare line to be flushed, remove visible debris. - Assess environmental impact. - Prepare water containment & debris trapping. - Excavate if required. Correct any problems/issue's which may affect flushing before starting.
Maintenance	Competent Person	Flush with Jetting Machine (suction clean out as necessary) to ensure pipes are clear. Perform flushing until required water clarity reached.
Maintenance	Competent Person	Remove debris from associated manholes and chambers.
Record	Competent Person	Record debris removed during cleaning (estimated volume in m3).
Record	Competent Person	Record Jetting pressure (kPa). Monitor pressure.
Maintenance	Competent Person	Clear site and ensure all tasks are complete.
Maintenance	Competent Person	Refit and lock all access chamber lids and covers.
Maintenance	Competent Person	Perform reinstatement (if required).
Maintenance	Competent Person	Photograph site post completion and after any reinstatement (if required).