



Sustainability
Workshop

Nassif Civil Resource Recovery Facility – Stormwater System Maintenance Schedule

Prepared for: Nassif Civil

May 2025
Project No. 321

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Document Information

Project title		
Document title	As above.	Project number 321
Description	As above	
Client Contact		

	Name	Signature	Issue:	Date
Prepared by	Mark Liebman		A	05/05/25
Checked by				
Issued by	Mark Liebman			
Filename	S:\Projects\321 Nassif Civil Emu Plains\Reporting\Nassif Civil Maintenance Schedule.docx			

Document History

Issue to:	Form	Rev				
Angus Johnson	PDF	A				

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STORMWATER OPERATIONS AND MAINTENANCE SCHEDULE

Item(s) to be Inspected	Frequency	Performed by	Maintenance Procedure	Date Maintenance Undertaken	Further Maintenance Required	Inspected By (initial)
General						
Stormwater grates	Monthly or following 25mm rainfall or more	Site maintenance team	Check stormwater grates for blockage and remove debris from grates.			
Stormwater pit and pipe network	Annually or following any storm larger than 100mm total depth	Site maintenance team	Remove grate and inspect internal walls and base, repair where required. Remove any collected sediment, debris, litter and vegetation. Visually inspect (using CCTV if required) and flush to remove sediment or debris accumulated within pits and or pipes. Ensure flush placement of grate on refitment.			
Eaves/Box Guttering System and Downpipes	Quarterly the adjust as required	Site maintenance team or contractor	Inspect and remove any build-up of sediment, moss, lichen, debris, litter and vegetation within gutter system.			

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Weighbridge Drainage	Quarterly	Site maintenance team	Inspect and flush if required to ensure no stagnant water and build of debris/sediment within the weighbridge.			
Rainwater Tank						
First flush Device	6 Monthly or after every 3 rainfall events (refer to manufacturer's guidelines)	Site maintenance team or specialist tradesperson for corrective maintenance	Inspect first flush device to ensure correct operation. Manually remove accumulated litter and debris. Ensure first flush devices drain completely after each rainfall event, unblock flow control washer or valve if not. Follow manufacturer's instructions for maintenance.			
Internal Inspection	6 Monthly	Site maintenance team or specialist tradesperson for corrective maintenance	Check for evidence of access by animals, birds or insects including the presence of mosquito larvae. If present, identify access point and close. If evidence of algae growth, find and close points of light entry.			
Inlet screen	6 Monthly	Site maintenance team	Remove grate and screen and examine for rust or			

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			corrosion, especially at corners or welds. Depending on the type of screen, replacement may be as simple as just placing another screen on the existing fitting with no tools required.			
Tank integrity	Every 2 years	Site maintenance team or specialist tradesperson for corrective maintenance	Check structural integrity of tank including roof and access covers. Any dilapidation including holes or gaps are to be noted and repaired.			
Sediment Accumulation within Tank	Every 2 Years (or once sump capacity is reached)	Site maintenance team or specialist adductor contractor	Siphon the bottom portion of the sediment from the tank or empty and rinse the tank by opening the cleaning outlet and allowing the water and sludge to pass out. Ensure sludge is appropriately disposed of.			
Pump, filter and valves	Annually	Specialist tradesperson	Clear any accumulated dust or debris. Clean and replace filter cartridges, in line with manufacturer's instructions. Check to see			

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			if power supply is switched on. Regularly service by a licensed professional, in line with manufacturer's instructions.			
Mains backup, flow meter and backflow	Annually	Specialist tradesperson	Contact licensed plumber to rectify any malfunction, in line with manufacturer's instructions.			
Proprietary Devices						
Pit Filter Baskets	Inspection: Monthly Clean and Service: 3 Monthly and inspect after 50mm or more of rainfall in one day.	Site maintenance Team or specialised contractor for corrective maintenance	Empty screening bag and replace if clear of sediment, oil and damage. Refer to manufacturer's guidelines for specific servicing and maintenance requirements. Note: Waste must be transported to a waste facility that is appropriately licensed to accept such waste (if there is no opportunity for reuse on-site). If oil present, the waste cannot be reused on-site. A pit is considered a confined space, requiring safety equipment and training.			

Item(s) to be Inspected	Frequency	Performed by	Maintenance Procedure	Date Maintenance Undertaken	Further Maintenance Required	Inspected By (initial)
Wheel Wash	Inspect every 6 months, maintenance as required	Inspection by site maintenance team or specialised contractor for corrective maintenance	Undertake inspections and maintenance in line with manufacturer's recommendations, however this is expected to require lifting of components to inspect and clear sediment accumulation in the sump, inspect spray nozzles to ensure they are clear and free from blockage, and regularly check sensors to ensure they are functioning.			