Tasks and Frequencies Annexure

Service Package – Recreation Lagoon Pump Maintenance

Asset / task	Location / asset group	Frequency	Notes
Pump screen swap, pressure wash, level-sensor cleaning and reinstatement	Lagoon intake, screen systems and water-level sensors	Four-weekly; maximum six-week interval; and as required	Remove, pressure wash and inspect the pump screen; clean level sensors; complete routine repairs and maintenance identified during the task; reinstate and function-test the screen and sensor system. All crane placement and lifting work at Stokes Hill Wharf must use the DWC-provided engineering for crane placement and load restrictions, together with an approved lift plan, task-specific safe-work arrangements, exclusion zones and DWC directions. Verify site conditions and compliance before each lift; suspend work and notify DWC if conditions do not conform. Escalate if the maximum interval cannot be met.

Pump-screen change-over, cleaning and controlled chlorine dosing	Recreation Lagoon seawater pump intakes, pump impellers, screens, screen frames and associated intake components	At each scheduled pump-screen change-over, year-round, and as required	Clean and inspect the screen, impeller and intake area for jellyfish, organic matter, marine growth and debris. Apply the approved controlled chlorine dose to the pump impeller or intake area strictly in accordance with the DWC-approved Jellyfish Management Procedure. Record date, time, pump identification, operator, condition observed, chlorine product and dose, weather or tidal conditions, any screen blockage, corrective action and resulting pump performance in the CMMS.
Lagoon pump lifting-chain testing, maintenance and certification	Recreation Lagoon	Annually and as required	Test lifting chains, inspect associated lifting hardware, clean, lubricate and complete routine maintenance or replacement of minor components where within scope; record results and certification requirements.
Pump operational condition route, preventive maintenance and routine repair as per Original Equipment Manufacturer specifications.	Recreation Lagoon pumps, valves, pipework, alarms, sensors and controls	Weekly operational check; monthly condition record; and as required	Record runtime, current draw, alarms, vibration, temperatures, seals, valves, level sensors and panel condition. Clean, lubricate, adjust, tighten, test, calibrate and carry out routine preventive maintenance and minor repairs required to maintain reliable operation.

Pump station, control-panel and alarm functional test and maintenance	Pump station, controls, alarms, sensors and electrical equipment	Monthly and as required	Inspect panel condition; test alarms and interlocks; check electrical connections for heat, moisture or corrosion; clean, tighten, adjust, reset and rectify routine defects where performed by appropriately qualified personnel.
Valve, pipework and connection inspection, maintenance and repair	Pump station and lagoon pipework	Monthly and as required	Inspect for leaks, corrosion, supports, vibration, condition and operability; exercise valves where safe; clean, lubricate, adjust, tighten, reseal and complete routine repairs within scope; escalate major pipework works.
Pump performance review, condition-based maintenance and trend analysis	Recreation Lagoon pump system	Quarterly and as required	Review runtime, current draw, flow/level performance, alarms, defects and maintenance history; implement routine condition-based maintenance and minor repairs; identify overhaul, renewal or capital needs.
Cyclone readiness, make-safe works and post-event maintenance	Recreation Lagoon pumps and pump station	Pre-wet season; on cyclone warning; post-event; and as required	Complete connection checks, electrical isolation, loose-item controls, water-ingress monitoring, make-safe works, cleaning, functional testing and routine post-event maintenance.

Note: Every planned task is a check-and-maintain obligation. The Contractor must complete the routine maintenance and minor repair actions identified during a task, including cleaning, lubrication, adjustment, tightening, calibration, functional testing, minor consumable or like-for-like minor component replacement

and routine repair. Where an issue is outside routine scope, the Contractor must make the asset safe, record and photograph it, assign an appropriate priority, and link it to a corrective work order with a defined rectification pathway and target completion date. Major pump overhaul, major component replacement, major pipework repair, specialist certification, control-system renewal and capital works are to be undertaken only in accordance with the Contract's approved Schedule of Rates or quotation process, except for emergency make-safe works. Pump-screen swap lifting at Stokes Hill Wharf must at all times comply with DWC-provided crane-placement engineering and load restrictions.