

Treated Mains Water Storage & Tanks

Last Issue Date: 22/10/2020		Type Of Service				
		A	B	C	D	E
Activity						
1	NOTE: THE FREQUENCIES FOR THE ACTIVITIES FOR THIS TDS ARE STRICTLY DETERMINED BY THE MANUFACTURER'S REQUIREMENTS AND SITE CONDITIONS. THE FREQUENCIES INDICATED BELOW ARE FOR DEFAULT PURPOSES.					
2	FILTERS: a) Maintain sediment filter assemblies / bag filters (if applicable); b) Clean or replace filters as required; c) Check cleaning grit and add if required.				Y	
3	SOFTENERS/BRINE TANKS: a) Maintain softeners and brine tanks (if applicable) to manufacturer's recommendations; b) Check control valve for correct operation of brine fill cycles and backwash.				Y	
4	UV UNITS: a) Maintain UV units (if applicable) to manufacturer's recommendations; b) Where the UV unit does not include an alarm, minimum weekly checking is required to ensure the unit is operational; c) Clean the sleeves and replace the lamps as necessary.	Y	Y	Y	Y	
5	CHLORINE CHAMBER: a) Check the automatic chlorine injection plant for correct operation and calibrate the automatic dosing systems as per manufacturer's instructions to deliver correct chlorine dose; b) Check and clean chlorine injectors, sensing chamber strainers, chlorine and PH probes.	Y	Y	Y	Y	
6	Check operation of dosing pumps and circulating pumps.	Y	Y	Y	Y	
7	Check for chlorine leaks.			Y	Y	
8	Check chemical feed lines for integrity.				Y	
9	Test water quality and compare with digital display on the controller.	Y	Y	Y	Y	
10	Replace the electrolyte.			Y	Y	
11	Replace the probe (dependent on system - if applicable).				Y	
12	Replace the membranes.				Y	
13	Obtain water samples from the locations directed by the site and test for residual chlorine with the approved procedure. If the chlorine level is below 0.5mg/L or above 1.5mg/L adjust the chlorine rate and retest after an appropriate time established for each particular site. Repeat until the residual chlorine is within the required range.		Y	Y	Y	
14	Check drinking water at the point of use. Chlorine residual is to be maintained below 5mg/L. If the chlorine residual is greater than or equal to 5mg/L immediate notification to DHA is required.	Y	Y	Y	Y	
15	Obtain a 500ml sample from the tanks and forward to a NATA certified laboratory for		Y	Y	Y	

Disclaimer -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia
Department of Planning,
Transport and Infrastructure

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	Legionella testing.					
16	Inspect the tanks and check the condition of tanks, bases and surrounds, valves, pipework and level controls. Check for leaks, damage or corrosion.				Y	
17	Inspect the inside of tanks and arrange cleaning if necessary.				Y	
18	Record the results in the logbook and submit a customer service report to the FMSP.	Y	Y	Y	Y	

Special Comments and Technical Data

A WEEKLY (TO BE UNDERTAKEN BY COMPETENT SITE STAFF)
 B SERVICE MONTHLY
 C SERVICE 6 MONTHLY
 D SERVICE ANNUALLY

THIS IS A GENERIC SCHEDULE FOR SERVICING REQUIREMENTS FOR WATER TREATMENT PLANTS. THE SERVICING IS TO BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS WHICH MAY HAVE ADDITIONAL AND/OR ALTERNATIVE SERVICING REQUIREMENTS AND/OR FREQUENCIES.
 THE ACTIVITIES MAY ALSO VARY DEPENDING ON THE SPECIFIC SERVICING EQUIPMENT AND REQUIREMENTS.

WHERE SPECIFIC CONCERNS EXISTS OVER THE QUALITY OF THE DRINKING WATER SUPPLY OR THE CHLORINATION OVER-DOSE IN THE WATER IS GREATER THAN OR EQUAL TO 5MG/L OR ANY OTHER INCIDENT HAS OCCURRED IMMEDIATE NOTIFICATION IS REQUIRED BY TELEPHONE TO THE DEPARTMENT FOR HEALTH & AGEING AND WITHIN 24 HOURS BY THE SUBMISSION OF AN INCIDENT NOTIFICATION FORM (PH 1300 558 657).

WORK ON COMPONENTS ON THE PARTICULAR SITE SYSTEM IS TO BE DONE BY LICENSED ELECTRICIANS, PLUMBERS REGISTERED TO UNDERTAKE THAT WORK OR SPECIALIST TECHNICIANS AS APPLICABLE. CLEANING OF TANKS TO BE UNDERTAKEN WHEN REQUIRED.

IF THE TANKS ARE ENTERED FOR CLEANING OR REPAIR WORKS ENSURE THERE IS ADEQUATE VENTILATION AND A SAFETY BACK-UP "SPOTTER" IS PRESENT FOR THE FULL DURATION.

APPLICABLE LEGISLATION: PUBLIC HEALTH ACT, PUBLIC HEALTH (LEGIONELLA) REGULATIONS, SAFE DRINKING WATER REGULATIONS, AS3500.1.

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