

Bore water - Potable use

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 29/05/2015						
1	Measure water level in the bore after pumping has stopped and the water level has recovered.			Y	Y	
2	Test for E coli. Take water sample after the UV unit at point of use.			Y	Y	
3	Test the water for heavy metals including arsenic, nitrates and fluorides.				Y	
4	Sample the water and test salinity after pump has removed 3 well volumes, typically after 10-15 minutes running time.				Y	
5	Visually check water for suspended solids.				Y	
6	Test bore capacity				Y	
7	Check that borehead and surrounds are well drained and that no contaminants can enter the bore.				Y	
8	Test water for iron oxide bacteria contamination.				Y	
9	Carry out insulation resistance test.				Y	
10	Check motor current under load.				Y	
11	Check condition and operation of Ultra Violet filter including for any leaks or faulty connections.			Y	Y	
12	Check condition of electrical connections including security, tightness, contact & corrosion.			Y	Y	
13	Check sleeve of Ultra Violet unit and clean if necessary.				Y	
14	Replace lamps.				Y	
15	Record all results in logbook.			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

Download Date: 22/12/2020

Special Comments and Technical Data

C SERVICE 3 MONTHLY

D SERVICE ANNUAL

ALL WATER TESTS TO BE UNDERTAKEN IN NATA CERTIFIED LABORATORIES.

IT IS IMPORTANT TO COMPARE CURRENT RESULTS WITH PREVIOUS RESULTS IN ORDER TO NOTE ANY MARKED CHANGES OR TRENDS WHICH MAY INDICATE A GRADUAL DETERIORATION OR PARTIAL COLLAPSE OF COMPONENTS OF THE SYSTEM OR A GRADUAL DECLINE OF THE REGIONAL GROUNDWATER SUPPLY WHICH REQUIRES FURTHER ATTENTION

NOTE: IF A POSITIVE RESULT FOR E COLI IS OBTAINED THE WATER IN THE STORAGE TANK NEEDS TO BE DISINFECTED AS FOLLOWS; USE 40ML OF LIQUID CHLORINE PER 1000 LITRES OF WATER OR 7 GRAMS OF GRANULAR CHLORINE PER 1000 LITRES OF WATER.

RETEST THE DAY AFTER THE TANK IS DISINFECTED.

NOTIFY IMMEDIATELY THE DEPARTMENT FOR HEALTH AND AGEING WATER QUALITY UNIT BY TELEPHONING 1300 558 657 AND SUBMIT INCIDENT NOTIFICATION FORM WITHIN 24 HOURS IF;-

-E.COLI DETECTED, UV FAILURE, CHLORINE RESIDUAL ABOVE 5MG/L, WATER CONTAMINATED (E.G. DEAD ANIMAL IN TANK, WASTEWATER DISCHARGE, FLOODING OR OTHER SURFACE WATER INGRESS WHERE UNDERGROUND TANK OR PIPEWORK IS PRESENT) OR IF ANY CONCERNS OVER WATER QUALITY.

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

Download Date: 22/12/2020

2 of 3

Conditions of Use

A TDS should be used as a generic guide for Facilities Management Service Providers (FMSP) to deliver Facilities Maintenance Services, specifically Preventative Maintenance in accordance with the DPTI [Agency Work Procedure Manual](#).

Users of a TDS should familiarise themselves with the following **Conditions of Use**:

1. You use the information and data contained in any TDS published by DPTI at your sole risk. DPTI-AGFMA does not have the expertise to provide complete or accurate technical data schedules and provides these technical data sheets merely as a starting point and/or guide.
2. If you rely on the information in a TDS you are responsible for ensuring, by independent verification, its accuracy, currency and completeness. DPTI cannot guarantee that the information contained in a TDS meets the standards or requirements of legislative requirements.
3. A TDS is not an exhaustive list of tasks or obligations that may be required and is generally generic in nature. DPTI does not oblige the user of a TDS to rely on it to the exclusion of other sources of information. For example, manufacturer's requirements may need to be followed for additional and / or alternative tasks and for additional and / or alternative servicing frequencies. You should always check the primary source of information such as the Australian Standards, manufacturer's specifications, legislation and other standards before undertaking any work to which a schedule may apply.
4. You must apply appropriate risk management principles and carry out all tasks in accordance with obligations under the [Work Health and Safety Act 2012](#).
5. You must not use a TDS unless you meet the specific competency requirements for preventative maintenance servicing works and are capable of applying the TDS to your trade or area of expertise. A TDS is only to be used by people who are specifically instructed by DPTI to use them and only for work undertaken in South Australia.
6. DPTI, its agents, instrumentalities, officers and employees make no representations, express or implied, as to the accuracy of the information, the data contained in a TDS or the suitability of a TDS for a particular purpose.
7. DPTI does not provide legal advice. DPTI accepts no liability, howsoever arising, for any loss resulting from the use of a TDS and any information or data or reliance placed on them.
8. DPTI may change information and data in a TDS without notice.
9. DPTI may revise this disclaimer at any time by updating these Conditions of Use.