

Bore Water - Non potable use

Last Issue Date: 18/07/2013		Type Of Service				
		A	B	C	D	E
Activity		A	B	C	D	E
1	Test water for iron oxide bacteria contamination. If iron oxide bacteria present treat bore with approved sterilising agent such as sodium hypochlorite solution. Take care to prevent transfer of any contamination, equipment to be sterilised.			Y	Y	Y
2	Measure the water level in the bore (after pumping has stopped and the water level has recovered).				Y	Y
3	Visually check water for suspended solids.				Y	Y
4	Test bore capacity. = Pumping rate (litres/hour) / Corresponding drawdown of water level metres				Y	Y
5	Check that borehead and surrounds are well drained and that no contaminants can enter the bore.				Y	Y
7	Carry out insulation resistance tests.				Y	Y
8	Check motor current under load.				Y	Y
9	Sample the water and test salinity after pump has removed 3 well volumes, typically after 10-15 minutes running time.					Y
10	Record all results in log book and advise client of any changes(refer to comments below).			Y	Y	Y

Special Comments and Technical Data

- * 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.
- * D SERVICES TO BE UNDERTAKEN ANNUALLY
- * E SERVICE FREQUENCY DEPENDS ON SITE REQUIREMENTS
- * C SERVICE 3 MONTHLY (INCLUDE ONLY IF REQUIRED BY THE SITE CONDITIONS).

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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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