
















Drinking Water Quality Monitoring Program (DWQMP) – Power and Water Corporation

Test area and sub-packages/suites	DWQMP suite	Bottle	Bottle supplier	Bottle type, volume & pre-treatment	Send to	Storage & preservation	Adherence to/Variation(s) from testing laboratory bottle guideline	Holding time	Sampling requirement	Testing laboratory
Bacteriological Monitoring	General		WML-DA & WML-AS	250 mL plastic Sterile Sodium thiosulfate dosed	WML-DA & WML-AS	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	N/A	24 hours	Air gap Aseptic sampling Flame sampling point where possible	WML-DA & WML-AS
	Burkholderia		WML-DA & WML-AS	250 mL plastic Sterile Sodium thiosulfate dosed	MSHR-DA	Stored at room temperature in a dark environment (box or esky)	N/A	7 days	Air gap Aseptic sampling Flame sampling point where possible	MSHR-DA
Protozoological Monitoring	Naegleria		WML-DA or AWQC	600 mL plastic Sterile Sodium thiosulfate dosed	AWQC	Samples are not to be chilled	N/A	48 hours	Air gap Aseptic sampling Flame sampling point where possible	AWQC
	Cryptosporidium, Giardia		A: Purchase locally (sodium thiosulfate from WCL-DA) or B: AWQC	2 x 10 L plastic Sterile Sodium thiosulfate dosed	AWQC	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	N/A	48 hours	Air gap If self-purchased must be sterilised by sampler Aseptic sampling Flame sampling point where possible	AWQC
Algal Monitoring	General		WCL-DA	1.25 L HDPE Not sterile No preservative	AWQC	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	N/A	24 hours	Air gap Aseptic sampling	AWQC
	Toxins		WCL-DA	1.25 L HDPE Not sterile No preservative	AWQC	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	N/A	14 days	No air gap Aseptic sampling	AWQC
Physical & General Chemical Monitoring	Physical & general chemical – Full package		WCL-DA	1 L HDPE Not sterile No preservative	WCL-DA	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	N/A	48 hours	No air gap Aseptic sampling Do not flame sampling point	WCL-DA
	General chemical – Fluoride only		WCL-DA	250 mL HDPE Not sterile No preservative	WCL-DA	No requirements	N/A	28 days	No air gap Samples can be mixed with samples that are refrigerated or chilled Aseptic sampling	WCL-DA
	Iron & manganese (Fe/Mn)		WCL-DA	250 mL HDPE Acid washed No preservative	WCL-DA	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	N/A	48 hours	No air gap Aseptic sampling Do not flame sampling point	WCL-DA
Trace Metals Monitoring	Metals		Int/NTEL	250 mL HDPE Acid washed No preservative	Int/ NTEL	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	N/A	7 days	No air gap Aseptic sampling Do not flame sampling point	Int/NTEL

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Radiological Monitoring	Radiological		QHFSS	1 L HDPE Acid washed No preservative unless extended storage	QHFSS	Stored at room temperature in a dark environment (esky). Pack to prevent breakage using bubble-wrap	N/A	48 hours preferred but up to 2 months	No air gap Aseptic sampling	QHFSS
Nutrients Monitoring	Nutrients (low level)		AWQC	A: 120 mL plastic B: 120 mL plastic Not sterile No preservative	AWQC	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	Bundle together using a rubber band. Double bagging of bottles in two zip locked bags is not required	28 days	Air gap. Filtered sample (A) requires 0.45 µm yellow filter (white GF filter also if high sediment) Aseptic sampling	AWQC
Organic Compounds Monitoring	Pesticides		AWQC	2 x 1 L amber glass per site Not sterile No preservative	AWQC	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice. Pack to prevent breakage using bubble-wrap	N/A	14 days	No air gap Aseptic sampling	AWQC
	Trihalomethanes		AWQC	600 mL plastic Not sterile Ammonium chloride dosed	AWQC	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice	N/A	14 days	No air gap Aseptic sampling	AWQC
	Volatile organic compounds		AWQC	1 L glass (amber glass okay also) Not sterile No preservative	AWQC	Chilled to 4 °C using ice bricks/refrigeration. Do not use crushed or block ice. Pack to prevent breakage using bubble-wrap	N/A	14 days	No air gap Aseptic sampling	AWQC

Laboratory Contacts

Item	AWQC	Int/NTEL	MSHR-DA	QHFSS	WCL-DA	WML-DA (Northern Region)	WML-AS (Southern Region)
Full name	Australian Water Quality Centre	Intertek NTEL	Menzies School of Health Research - Darwin	Queensland Health Forensic and Scientific Services	Water Chemistry Laboratory - Darwin	Water Microbiological Laboratory - Darwin	Water Microbiological Laboratory - Alice Springs
Contact 1	General Enquiries awqcaccmanmbx@sawater.com.au	Fiona Dunbar Smith 08 8947 0510 ntel@ntel.com.au	Mark Mayo 08 8922 7793 mark.mayo@menzies.edu.au	Sarah Mullins 07 3274 9164 sarah.mullins@health.qld.gov.au	Karen Timms 08 8999 2196 karen.fimms@nt.gov.au	Stephen Poole 08 8999 2347 stephen.poole@nt.gov.au	Cinzia Rovida 08 8951 8110 cinzia.rovido@nt.gov.au
Contact 2	Scott Kraft 08 7424 1250 scott.kraft@sawater.com.au	Janine Steven 0419 094 618 ntel@ntel.com.au	General Enquiries 08 8922 8196 Info@menzies.edu.au	Gemma Maguire 07 3274 9164 gemma.maguire@health.qld.gov.au	Yvonne Staeffler 08 8999 2194 yvonne.staeffler@nt.gov.au	Rachel De Araujo 08 8999 2347 rachel.dearaujo@nt.gov.au	
Address	Angas Street Loading Bay 250 Victoria Square Adelaide SA 5000	3407 Export Drive Darwin Business Park Berrimah NT 0828	Royal Darwin Hospital Campus John Mathews Building Building 58 Rocklands Drive Tiwi NT 0810	39 Kessels Road Coopers Plains QLD 4108	Berrimah Farm BAL Building Makagon Road Berrimah NT 0828	Berrimah Farm BVL Building Makagon Road Berrimah NT 0828	Arid Zone Research Institute South Stuart Highway Alice Springs NT 0870
Hours of operation	8.30 am – 8.00 pm Monday – Tuesday 8.30 am – 4.30 pm Wednesday – Friday	8.00 am – 5.00 pm Monday – Friday	8.00 am – 4.00 pm Monday – Friday	8.00 am – 4.00 pm Monday – Friday	8.00 am – 4.00 pm Monday – Friday	8.00 am – 4.00 pm Monday – Friday	8.00 am – 4.00 pm Monday – Friday
Bottle ordering instructions	Email General Enquiries. Large quantities (varies depending on analysis but typically >5) will require prior notice of 1-2 weeks	Ring contacts detailed. Large quantities (>100) will require prior notice of 1-2 weeks	Ring contacts detailed. Large quantities (>100) will require prior notice of 1-2 weeks	Ring contacts detailed. 2 weeks prior notice required	Ring contacts detailed. Large quantities (>100) will require prior notice of 1-2 weeks	Ring contacts detailed. Large quantities (>100) will require prior notice of 1-2 weeks	Ring contacts detailed. Large quantities (>100) will require prior notice of 1-2 weeks