

LABORATORY REPORT

Job Number: 17-07776
Revision: 00
Date: 8 June 2017

ADDRESS: **Health West**
153 Hicks St
Mundijong

ATTENTION: Lester Hewett

DATE RECEIVED: 22/05/2017

YOUR REFERENCE: HealthWest

PURCHASE ORDER: Inv: 125480

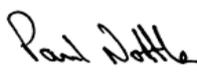
APPROVALS:



Douglas Todd
Laboratory Manager



Jenny Gould
Microbiology Manager



Paul Nottle
Organics Manager



Sam Becker
Inorganics Manager

REPORT COMMENTS:

This report is issued by Analytical Reference Laboratory (WA) Pty Ltd
Samples are analysed on an as received basis unless otherwise noted.

METHOD REFERENCES:

Methods prefixed with "ARL" are covered under NATA Accreditation Number: 2377

Methods prefixed with "PM" are covered under NATA Accreditation Number: 2561

ARL No. 041	Trihalomethanes (THM) in Water
ARL No. 29/402/403	Metals in Water by AAS/ICPOES/ICPMS
ARL No. 040	Arsenic by Hydride Atomic Absorption
ARL No. 406	Mercury by Cold Vapour Atomic Absorption Spectrophotometry
ARL No. 305	Chloride in Water by Discrete Analyser
ARL No. 311	Nitrite in Water by Discrete Analyser
ARL No. 313/319	NOx in Water by Discrete Analyser
ARL No. 324	Sulphide and Hydrogen Sulphide by Microdistillation
ARL No. 317	Total Cyanide by Microdistillation
PM 4.1B	Heterotrophic (Standard) Plate Count by Spiral Plate
PM 4.2	Total Coliforms by Membrane Filtration
PM 4.3	Thermotolerant Coliforms and E. coli by Membrane Filtration
PM 4.4	Faecal Streptococci (Enterococci) by Membrane Filtration
PM 4.5	Pseudomonas aeruginosa by Membrane Filtration
PM 2.9	Yeasts and Moulds



WORLD RECOGNISED
ACCREDITATION
Accredited for compliance with
ISO/IEC 17025 - Testing

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THM's in Water			
Sample No:	LOR	UNITS	17-07776-3
Sample Description:			Hydrocell
Sample Date:			22/05/17
Chloroform	1	µg/L	<1
Bromodichloromethane	1	µg/L	<1
Chlorodibromomethane	1	µg/L	<1
Bromoform	1	µg/L	<1
Total THM's	1	µg/L	<1

Metals in Water			
Sample No:	LOR	UNITS	17-07776-3
Sample Description:			Hydrocell
Sample Date:			22/05/17
Antimony - Dissolved	0.001	mg/L	<0.001
Arsenic - Dissolved	0.001	mg/L	<0.001
Silver - Dissolved	0.01	mg/L	17
Barium - Dissolved	0.01	mg/L	<0.01
Boron - Dissolved	0.01	mg/L	<0.01
Cadmium - Dissolved	0.002	mg/L	<0.002
Chromium - Dissolved	0.01	mg/L	<0.01
Copper - Dissolved	0.01	mg/L	0.04
Lead - Dissolved	0.01	mg/L	<0.01
Manganese - Dissolved	0.01	mg/L	<0.01
Mercury - Dissolved	0.0002	mg/L	<0.0002
Nickel - Dissolved	0.01	mg/L	<0.01
Selenium - Dissolved	0.001	mg/L	<0.001

Ions by Discrete			
Analyser			
Sample No:	LOR	UNITS	17-07776-3
Sample Description:			Hydrocell
Sample Date:			22/05/17
Chloride	5	mg/L	<5
Nitrite-N	0.01	mg/L	0.01
Nitrate-N	0.01	mg/L	0.79

Misc. Inorganics in			
Water			
Sample No:	LOR	UNITS	17-07776-3
Sample Description:			Hydrocell
Sample Date:			22/05/17
Sulphide	0.05	mg/L	<0.05
Cyanide - Total	0.005	mg/L	<0.005

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Water Microbiology Sample No: Sample Description: Sample Date:	LOR	UNITS	17-07776-3 Hydrocell 22/05/17
Heterotrophic Plate Count	20	CFU/mL	<20
Total Coliforms	0	CFU/50mL	0
E. Coli	0	CFU/50mL	0
Faecal (Thermotolerant) Coliforms	0	CFU/50mL	0
Enterococci	0	CFU/50mL	0
Pseudomonas aeruginosa	0	CFU/50mL	0
Mould*	0	CFU/mL	0
Yeast*	0	CFU/mL	0

Result Definitions

LOR Limit of Reporting

[NT] Not Tested

[ND] Not Detected at indicated Limit of Reporting

* Denotes test not covered by NATA Accreditation

FOR MICROBIOLOGICAL TESTING - The data in this report may not be representative of a lot, batch or other samples and may not necessarily justify the acceptance or rejection of a lot or batch, a product recall or support legal proceedings. Tests are not routinely performed as duplicates unless specifically requested. Changes occur in the bacterial content of biological samples. Samples should be examined as soon as possible after collection, preferably within 6 hrs and must be stored at 4 degrees Celsius or below. Samples tested after 24 hrs cannot be regarded as satisfactory because of temperature abuse and variations.