

REPORT OF ANALYSIS

JOB DESCRIPTION: Swimming Pool Testing

JOB STATUS: FINAL REPORT - All pages of this report have been checked and approved for release.
This report overrides all previous reports.

CUSTOMER:	UW - Laboratory Pre-paid Customers 67a Weier Rd Morayfield QLD 4510	REPORT ID:	UW-24749
EMAIL:	davecooper@hotmail.com.nz	DATE SAMPLED:	19/06/2018
CONTACT:	Lab Staff	DATE RECEIVED:	19/06/2018
		DATE ANALYSIS COMMENCED:	19/06/2018
		ORDER / REFERENCE NO:	

REPORT LEGEND

ABBREVIATIONS

NA - Not Applicable
NR - Not Reported

--- Test Not Required

< Less than
> Greater than

MPN - Most Probable Number
CFU - Colony Forming Unit
PFU - Plaque Forming Unit
EST - Estimated Count

NATA ACCREDITATION

TEST METHOD marked with * indicates NATA Accreditation does not cover the performance of this service.
TEST METHOD marked with X indicates tests performed by External Laboratory

- All sampling performed by the Unitywater Laboratory conforms to In-House Method FQ01.
- Processing and testing of all samples performed on day received, otherwise samples were appropriately stored and preserved.
- The results refer only to the sample(s) as received and tested.

Your Feedback is important to us. Your comments are welcome at the above email address or please feel free to telephone us at any time.

Unitywater - Laboratory Report

Swimming Pool Testing

UW-24749

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Test Description	Units	Test Method	Swimming Pool
DATE SAMPLED			19/06/2018
Time Sampled			
Total coliforms - MPN	mpn/100mL	MM01	<1
E. coli - MPN (Colilert)	mpn/100mL	MM01	<1
HPC-36°C±2°C	cfu/mL	MM06	4EST
Pseudomonas aeruginosa	cfu/100mL	MM04	<1

COMMENTS

ATTACHMENTS



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Unitywater - Laboratory Report

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Queensland Health Swimming and Spa Water Quality and Operational Guidelines (October 2004) - CHEMICAL CRITERIA

ANALYTE	INDOOR POOL	INDOOR POOL (Heated >26.0oC)	OUTDOOR POOL	OUTDOOR POOL (Heated >26.0 oC)
Free Chlorine (mg/L) Minimum	1.5	2.0	1.5	3.0
Free Chlorine + Cyanuric Acid (mg/l) Minimum	N/A	N/A	3.0	4.0
Total Chlorine (mg/L)	Free Chlorine + 1.0 mg/L (Max 10)	Free Chlorine + 1.0 mg/L (Max 10)	Free Chlorine + 1.0 mg/L (Max 10)	Free Chlorine + 1.0 mg/L (Max 10)
pH	7.2 - 7.8	7.2 - 7.8	7.2 - 7.8	7.2 - 7.8
Total Alkalinity (mg/L)	80 - 200	80 - 200	80 - 200	80 - 200
Cyanuric Acid (mg/L)	0	0	30 - 50	30 - 50

Queensland Health Swimming and Spa Water Quality and Operational Guidelines (October 2004) - MICROBIOLOGICAL CRITERIA

TYPE OF MICROORGANISM	DESIRABLE LEVEL
Heterotrophic Colony Count (HCC) 35 - 37 oC / 48 hours	< 100 / ml
Thermotolerant (Faecal) Coliforms or Escherichia coli	Not detected in 100 ml
Pseudomonas aeruginosa	Not detected in 100 ml



Accredited for compliance with ISO/IEC 17025 - Testing.
 Accreditation No. 14414.

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WORLD RECOGNISED
ACCREDITATION

Dawn Hadfield
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