



Shaping the Future

Our Ref: 212163.6Report24.1

21 November 2012

Country Fire Authority
8 Lakeside Drive
East Burwood Vic 3151

Attention: 

Cardno Lane Piper Pty Ltd
Trading as Cardno Lane Piper
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Burwood VIC 3125
Australia

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Water Monitoring Results - Fiskville
Date Received: 31 October 2012

Dear 

I am writing in relation to water quality data received 31 October 2012 from the CFA for Fiskville. Water used in training was sampled on 22 October 2012 from 2 locations: the 'Red Pipe – PG Tank'¹ and the 'Beige Pipe – BU Tank'². The test report was issued on 31 October 2012.

This test report is derived from the water monitoring program set out in CFA's water management plans with testing by independent laboratories certified by the National Association of Testing Authorities (NATA).

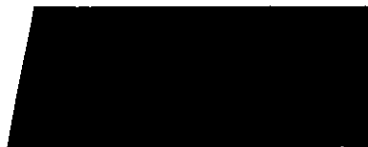
The results have been reviewed by our team of water quality and health specialists and we can report that the results do not indicate any water quality issues that would make the water from the 'Red Pipe – PG Tank' or the 'Beige Pipe – BU Tank' unsuitable for use in fire fighting training.

Yours faithfully
Cardno Lane Piper Pty Ltd



Senior Environmental Chemist

Approved:



Senior Principal

Enclosed:

NATA Certified Laboratory Reports:

- CHW Report number: 12/5074 – sample date 22 October 2012

¹ Note that the Red Pipe – PG Tank is located adjacent to the water supply pit. Water from the 'Water Supply Pit' is no longer used in fire-fighting training exercises.

² Note that the Beige Pipe – BU Tank is located adjacent to Dam 2 and used as a secondary water source (or back-up). Water from Dam 2 is no longer used in fire-fighting training exercises.

CENTRAL HIGHLANDS WATER - LABORATORY SERVICES

7 Learmonth Rd. Wendouree, PO Box 152, Ballarat 3353 ABN: 75 224 340 348
Telephone: 03 5320 3194 Facsimile: 03 5320 3198

TEST REPORT

Laboratory Report No: 12/5074

Client: CFA Training College - Fiskeville
Ballan - Geelong Road
FISKEVILLE VIC 3342

Attention: [REDACTED]

Date Received: 22/10/12

Job Description: CFA Training Centre Fiskville

LAB. No.	SAMPLE	SAMPLED
12/5074-1	Red Pipe - PG Tank	22/10/2012
12/5074-2	Beige Pipe - BU Tank	22/10/2012

Test Description	Method	Units	12/5074-1	12/5074-2
BOD ₅	CHW-BOD	mg/L	<5	5
E. coli - Colilert	CHWM.08	MPN/100mL	0	0
Electrical Conductivity @ 25°C	CHW-EC	µS/cm	480	490
Oil & Grease at ALS		mg/L	<5	<5
pH	CHW-pH	Units	8.0	7.5
Ps. aeruginosa	CHWM.07	cfu/100mL	NT	NT
Phosphorus - Total (Low)	CHW - Tot P	mg/L	0.040	0.055
Suspended Solids	CHW-SS	mg/L	<1	<1
Total Kjeldahl Nitrogen (as N)	CHW-TKN	mg/L	0.6	0.6
Total Oxidised Nitrogen (as N)	CHW-Ox.N	mg/L	0.97	0.90

Analytical methods for chemical analyses in accordance with Central Highlands Water Laboratory Chemistry Methods (2008).
Analytical methods for microbiological analyses in accordance with Central Highlands Water Microbiology Methods Manual (2008).
NATA Accreditation Number: 1935 Corporate Site Numbers: Chemistry 1928, Microbiology 1932

Comments

Samples as received.

True Colour filtered through 0.45 µm membrane.

O&G analysis performed at ALS, Accreditation No. 992.

Refer ALS Report No. 332445.

NT - Test not carried out.

Signed

Report Date: 31 October 2012

Name

Chemistry

Microbiology

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