

**Shaping the Future** 

07 March 2013

Country Fire Authority 8 Lakeside Drive East Burwood Vic 3151

Our Ref: 212163.6Report36.1

Attention:

Cardno Lane Piper Ptv Ltd Trading as Cardno Lane Piper ABN 35 120 109 935

Building 2, 154 Highbury Road Burwood VIC 3125 Australia

Phone: 61 3 9888 0100 61 3 9808 3511

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Water Monitoring Results - Fiskville Date Received: 05 March 2013

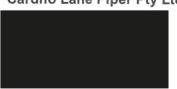
Dear

I am writing in relation to water quality data received 05 March 2013 from the CFA for Fiskville. Water used in training was sampled on 21 February 2013 from 2 locations: the 'Red Pipe -PG Tank'<sup>1</sup> and the 'Beige Pipe – BU Tank'<sup>2</sup>. The test report was issued on 05 March 2013.

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).

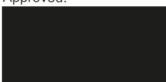
The results have been reviewed by our team of water quality and health specialists and we can report that the results do not indicate any water quality issues that would make the water from the 'Red Pipe - PG Tank' or the 'Beige Pipe - BU Tank' unsuitable for use in fire-fighting training.

Yours faithfully Cardno Lane Piper Pty Ltd



Senior Environmental Chemist

Approved:



Senior Principal

Enclosed:

NATA Certified Laboratory Reports:

• CHW Report number: 13/0955 - sample date 21 February 2013

<sup>&</sup>lt;sup>1</sup> Note that the Red Pipe – PG Tank is filled from town water supply and is located adjacent to the water supply pit. Water from the 'Water Supply Pit' is no longer used in fire-fighting training exercises.

Note that the Beige Pipe – BU Tank is filled from town water supply and 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:** 

13/0955

Client:

CFA Training College - Fiskeville

Ballan - Geelong Road FISKEVILLE VIC 3342

Attention:

Date Received: 21/02/13

Job Description:

CFA Training Centre Fiskville

LAB. No.

SAMPLE

SAMPLED

13/0955-1

Red Pipe - PG Tank

21/02/2013

13/0955-2

Beige Pipe-BU Tank

21/02/2013

Test Description	Method	Units	13/0955-1	13/0955-2
BOD5	CHW-BOD	mg/L	<5	<5
E. coli - Colilert	CHWM.08	MPN/100mL	0	0
Electrical Conductivity @ 25°C	CHW-EC	μS/cm	510	500
Oil & Grease at ALS		mg/L	<5	<5
рН	CHW-pH	Units	8.9	8.1
Ps. aeruginosa	CHWM.07	cfu/100mL	0	0
Phosphorus - Total (Low)	CHW-Tot P	mg/L	0.065	0.045
Suspended Solids	CHW-SS	mg/L	<1	1
Total Kjeldahl Nitrogen (as N)	CHW-TKN	mg/L	0.1	0.2
Total Oxidised Nitrogen (as N)	CHW-Ox.N	mg/L	0.79	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.

Bacteriological analysis performed on day of receipt. O&G analysis performed at ALS, Accreditation No. 992. Refer ALS Report No. 352521.

Signed			
Name			
Chemistry	Microbiology		
	Page 1 of 1		

Report Date: 5 March 2013