



Shaping the Future

Our Ref: 212163.6Report08.1

20 August

Country Fire Authority  
8 Lakeside Drive  
East Burwood Vic 3151

[REDACTED]

[REDACTED]

Cardno Lane Piper Pty 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  
Fax: 61 3 9808 3511

[www.cardno.com.au](http://www.cardno.com.au)  
[www.lanepiper.com.au](http://www.lanepiper.com.au)

### Water Monitoring Results - Fiskville Week of 13 August 2012

Dear [REDACTED],

I am writing at the request of [REDACTED] in relation to water quality data received from the CFA for Fiskville in the week starting 13 August 2012.

These test reports have 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 Pit' or back up line unsuitable for use in fire fighting training.

Yours faithfully  
Cardno Lane Piper Pty Ltd

**Giorgio De Nola**  
Senior Environmental Chemist

Approved:

**Anthony P. Lane**  
Senior Principal

*Enclosed:*

NATA Certified Laboratory Reports:

- CHW Report number: 12/3765 – sample date 07 August 2012

# 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: 12/3765**

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

**Attention:** [REDACTED]

**Date Received:** 7/08/12

**Job Description:** CFA Training Centre Fiskville

LAB. No.	SAMPLE	SAMPLED
12/3765-1	Red Pipe-Pit	7/08/2012
12/3765-2	White Pipe-Back Up Line	7/08/2012
12/3765-3	Dam 2	7/08/2012

Test Description	Method	Units	12/3765-1	12/3765-2	12/3765-3
BODs	CHW-BOD	mg/L	<5	<5	20
Electrical Conductivity @ 25°C	CHW-EC	µS/cm	490	490	410
E. coli - Colilert	CHWM.08	MPN/100mL	0	0	2
Oil & Grease at ALS		mg/L	8	12	9
pH	CHW-pH	Units	7.7	7.4	7.4
Phosphorus - Total (Low)	CHW-Tot P	mg/L	0.080	0.030	0.61
Ps. aeruginosa	CHWM.07	cfu/100mL	0	0	<10
Suspended Solids	CHW-SS	mg/L	1	1	14
Total coliforms - Colilert	CHWM.08	MPN/100mL	12	19	2,400
Total Kjeldahl Nitrogen (as N)	CHW-TKN	mg/L	0.4	0.8	3.2
Total Oxidised Nitrogen (as N)	CHW-Ox.N	mg/L	1.1	0.30	0.03

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.

True Colour filtered through 0.45 µm membrane.

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

Refer ALS Report No. 320177.

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**Laboratory Report No:**    **12/3765**

 Digitally signed by Geoffrey Carter  
DN: cn=Geoffrey Carter, ou=Central  
Highlands Water, ou=CWH  
Laboratory Services,  
email=geoff@carterlab.com.au, o=CHW  
Date: 2012.08.17 16:52:23 +1000

Signed .....

Report Date: 17 August 2012

Name .....

Chemistry

Microbiology

Page 2 of 2