



Shaping the Future

Our Ref: 212163.6Report18.1

10 October 2012

Country Fire Authority  
8 Lakeside Drive  
East Burwood Vic 3151

Attention 

Cardno Lane Piper Pty Ltd  
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**Water Monitoring Results - Fiskville**  
**Date Received: 5 October 2012**

Dear 

I am writing in relation to water quality data received 5 October 2012 from the CFA for Fiskville. Water used in training, sourced from 'The Red Pipe - Pit', was sampled on 27 September 2012 and the report was issued on 5 October 2012. Water was also sampled from a second location, Dam 2. It is noted that water from Dam 2 is not currently being used in training.

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 Pit' 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: 12/4606 – sample date 27 September 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:** 12/4606

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

**Attention:** [REDACTED]

**Date Received:** 27/09/12

**Job Description:** CFA Training Centre Fiskeville

LAB. No.	SAMPLE	SAMPLED
12/4606-1	Red Pipe- Pit	27/09/2012
12/4606-2	Dam 2	27/09/2012

Test Description	Method	Units	12/4606-1	12/4606-2
BODs	CHW-BOD	mg/L	<5	10
E. coli - Colilert	CHWM.08	MPN/100mL	0	23
Electrical Conductivity @ 25°C	CHW-EC	µS/cm	440	420
Oil & Grease at ALS		mg/L	<5	<5
pH	CHW-pH	Units	8.0	7.6
Phosphorus - Total (Low)	CHW - Tot P	mg/L	0.065	0.54
Ps. aeruginosa	CHWM.07	cfu/100mL	0	<10
Suspended Solids	CHW-SS	mg/L	6	19
Total Kjeldahl Nitrogen (as N)	CHW-TKN	mg/L	0.5	2.0
Total Oxidised Nitrogen (as N)	CHW-Ox.N	mg/L	0.71	<0.01

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. 328511.

Signed .....

Report Date: 5 October 2012

Name .....

Chemistry

Microbiology

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