

Our Ref: 212163.6Report04.1.docx

03 August 2012

Country Fire Authority  
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Burwood Vic 3151

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**Water Monitoring Results - Fiskville  
Week of 30 July 2012**

Water quality data has been received from the CFA for Fiskville in the week starting the 30 July 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 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: 12/3403 – sample date 17 July 2012.
- CHW Report number: 12/3525 – sample date 24 July 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



CENTRAL  
HIGHLANDS  
WATER

## TEST REPORT

**Laboratory Report No:** 12/3403

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

**Attention:** [REDACTED]

**Date Received:** 17/07/12

**Job Description:** CFA Training Centre Fiskville

**LAB. No.**  
12/3403-1

**SAMPLE**  
Dam 2 Effluent

**SAMPLED**  
17/07/2012

Test Description	Method	Units	12/3403-1
BOD <sub>5</sub>	CHW - BOD	mg/L	20
E. coli - Collert	CHWM.08	MPN/100mL	5
Oil & Grease at ALS		mg/L	<5
pH	CHW - pH	Units	8.5
Phosphorus - Total (Low)	CHW - Tot P	mg/L	0.59
Ps. aeruginosa	CHWM.07	cfu/100mL	<10
Suspended Solids	CHW - SS	mg/L	32
Total Kjeldahl Nitrogen (as N)	CHW - TKN	mg/L	3.6
Total Oxidised Nitrogen (as N)	CHW - Ox.N	mg/L	0.05

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. 316936.

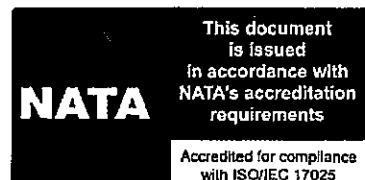
Signed [REDACTED]

**Report Date:** 1 August 2012

Name [REDACTED]

Chemistry

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Telephone: 03 5320 3194 Facsimile: 03 5320 3198



CENTRAL  
HIGHLANDS  
WATER

## TEST REPORT

**Laboratory Report No:** 12/3525

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

**Attention:** [REDACTED]

**Date Received:** 24/07/12

**Job Description:** CFA Training Centre Fiskville

LAB. No.	SAMPLE	SAMPLED
12/3525-1	Pit	24/07/2012
12/3525-2	Dam 2	24/07/2012
12/3525-3	Back-up Line	24/07/2012

Test Description	Method	Units	12/3525-1	12/3525-2	12/3525-3
E. coli - Colifert	CHWM.08	MPN/100mL	0	68	0
BOD <sub>5</sub>	CHW - BOD	mg/L	<5	25	<5
Electrical Conductivity @ 25°C	CHW - EC	µS/cm	480	390	490
Oil & Grease at ALS		mg/L			
pH	CHW - pH	Units	7.7	8.2	7.4
Ps. aeruginosa	CHWM.07	cfu/100mL	0	<10	0
Phosphorus - Total (Low)	CHW - Tot P	mg/L			
Suspended Solids	CHW - SS	mg/L	1	46	3
Total Kjeldahl Nitrogen (as N)	CHW - TKN	mg/L	0.5	4.4	0.9
Total Oxidised Nitrogen (as N)	CHW - Ox.N	mg/L			

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.

**NOTE:** This is an INTERIM REPORT, containing INTERIM results which are subject to change. Awaiting final QA clearance

Signed

Report Date: 1 August 2012

Name