

Our Ref: 212163.6Report39.1.docx

6 June 2013

Country Fire Authority
8 Lakeside Drive
East Burwood Vic 3151

Attention: 

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
www.lanepiper.com.au

Water Monitoring Results - Fiskville Date Received: 03 June 2013

Dear 

I am writing in relation to water quality data received 03 June 2013 from the CFA for Fiskville. Water used in training was sampled on 23 May 2013 from 2 locations: the 'Red Pipe – PG Tank'¹ and the 'Beige Pipe – BU Tank'². The test reports were issued on 03 June 2013.

These test reports are 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



Senior Environmental Chemist

Approved:



Senior Principal

Enclosed:

NATA Certified Laboratory Reports:

- CHW Report number: 13/2498 – sample date 23 May 2013

¹ 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.

² 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
Chemistry: 03 53203195 Microbiology: 03 53 203193 Email: laboratory@chw.net.au

TEST REPORT

Laboratory Report No: 13/2498

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

Attention: [REDACTED]

Date Received: 23/05/13

Job Description: CFA Training Centre Fiskville

LAB. No.	SAMPLE	SAMPLED
13/2498-1	Red Pipe - PG Tank	23/05/2013
13/2498-2	Beige Pipe - BU Tank	23/05/2013

Test Description	Method	Units	13/2498-1	13/2498-2
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	500	500
Oil & Grease at ALS		mg/L	<5	<5
pH	CHW-pH	Units	8.3	8.2
Ps. aeruginosa	CHWM.07	cfu/100mL	0	0
Phosphorus - Total (Low)	CHW-TotP	mg/L	0.015	0.010
Suspended Solids	CHW-SS	mg/L	<1	<1
Total Kjeldahl Nitrogen (as N)	CHW-TKN	mg/L	0.7	0.6
Total Oxidised Nitrogen (as N)	CHW-Ox.N	mg/L	0.71	0.82

Analytical methods for chemical analyses in accordance with Central Highlands Water Laboratory Chemistry Methods (2013).
Analytical methods for microbiological analyses in accordance with Central Highlands Water Microbiology Methods Manual (2013).
Volatile Acid analysis not covered by NATA Accreditation.

Comments

Samples as received.
Bacteriological analysis performed on day of receipt.
O&G analysis performed at ALS, Accreditation No. 992.
Refer ALS Report No. 375111.

Signed

Report Date: 3 June 2013

Name

Chemistry

Microbiology

Page 1 of 1



Accredited for compliance
with ISO/IEC 17025

Accreditation No: 1935

This report is not to be reproduced except in full.