

Our Ref: 212163.6Report28.1

20 December 2012

Country Fire Authority
8 Lakeside Drive
East Burwood Vic 3151

Attention: [REDACTED]

Cardno Lane Piper Pty Ltd
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**Water Monitoring Results - Wangaratta
Date Received: 17 December 2012**

Dear [REDACTED]

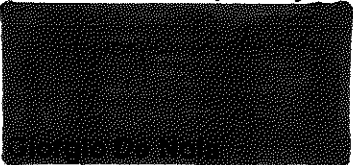
I am writing in relation to water quality data received 17 December 2012 from the CFA for the Wangaratta RTG. Water used in fire-fighting training was sampled on 10 December 2012 and the report was issued on 17 December 2012.

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). Water at Wangaratta RTG is sourced for fire-fighting training from an underground tank and main hydrant¹.

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 tanks tested unsuitable for use in fire fighting training.

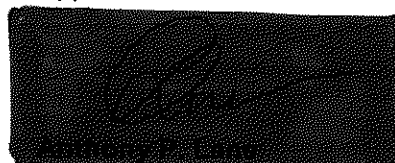
Yours faithfully

Cardno Lane Piper Pty Ltd



Senior Environmental Chemist

Approved:



Senior Principal

Enclosed:

NATA Certified Laboratory Reports:

- ALS Report number: 340487 – sample date 10 December 2012

¹ Note that water is not taken directly from the triple interceptor trap and used in fire-fighting training.



Environmental Division (Water Resources Group)



NATA Accredited Laboratory No. 992 Accredited for compliance with ISO/IEC 17025



CERTIFICATE OF ANALYSIS

Batch No: 12-54230
Final Report 340487
Client: CFA
Contact: [Redacted]
Address: 1 Ely Street WANGARATTA VIC 3677

Page Page 1 of 2
Laboratory Wangaratta Laboratory
Address 48 Faithfull Street, Wangaratta, VIC 3677.
Phone 03 5722 2688
Fax 03 5722 4727

PO No: 301040
Sampler Name: [Redacted]
ALS Program Ref: CFAWANG
Program Description: Miscellaneous Analyses
Client Ref: Misc Analysis

Date Sampled: 10-Dec-2012
Date Samples Received: 10-Dec-2012
Date Issued: 17-Dec-2012

The sample(s) referred to in this report were analysed by the following method(s):
- NATA accreditation does not cover the performance of this service

Table with 6 columns: Analysis, Method, Laboratory, Analysis, Method, Laboratory. Rows include BOD5, pH, and SS with their respective methods and laboratories.

Result for pH in water tested in the laboratory may be indicative only as holding time is generally not achievable. (6 hrs from time of sampling, AS5667.1)
Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Signatories

These results have been electronically signed by the authorised signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11

Table with 4 columns: Name, Title, Name, Title. Shows two signatories: a Microbiologist and the Wangaratta Laboratory Manager.



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Samples tested as received.

Soil results expressed in mg/kg dry weight unless specified otherwise. Microbiological testing was commenced within 24 hours of sampling unless otherwise stated. VIC-MM524: Plate count results <10 per mL and >300 per mL are deemed as approximate. VIC-MM526: Plate count results <2,500 per mL and >250,000 per mL are deemed as approximate. Calculated results are based on raw data.

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 Batch No: 12-54230
 Report Number: 340487
 Client: CFA
 ALS Program Ref: CFAWANG
 Program Description: Miscellaneous Analyses



Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
3285502		Triple Interceptor	WATER	10/12/12 09:45
3285516		Underground Tank	WATER	10/12/12 09:55
3285517		Main Hydrant	WATER	10/12/12 10:00

Analysis - Analyte	Sample No. Site Code Units	3285502	3285516	3285517
		pH - pH, units	Units	7.1
BOD5 - Biochemical Oxygen Demand, 5 Day	mg/L	5	2	<2
SS - Suspended Solids	mg/L	200	<2	2
Colilert (2000) - Coliforms MPN Colilert	orgs/100mL	3400	460	0
Colilert (2000) - E.coli MPN Colilert	orgs/100mL	10	4	0
Ps aeruginosa - Pseudomonas aeruginosa	orgs/100mL	<10	7	0