

Our Ref: 212163.6Report31.1

31 January 2013

Country Fire Authority  
8 Lakeside Drive  
East Burwood Vic 3151

Attention: 



**Shaping the Future**

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## Water Monitoring Results - Bangholme Date Received: 30 January 2013

Dear 

I am writing in relation to water quality data received 30 January 2013 from the CFA for the Bangholme RTG. Water used in fire-fighting training was sampled on 25 January 2013 for the North Megalitre tank and the report was issued on 30 January 2013.

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 Bangholme RTG is sourced for fire-fighting training from the South Megalitre tank. Cardno Lane Piper understands that water is currently not being used from either tank during the summer break (i.e. North and South Tanks<sup>1</sup>).

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 North Megalitre tank unsuitable for use in fire fighting training.

Therefore the water from the North Megalitre tank is suitable for use in fire-fighting training. We would reiterate that the corrective actions implemented since the last two laboratory analysis reviews (i.e. 9 January 2013, Our Ref.: 212163.6Report29.1 and 21 January 2013, Our Ref.: 212163.6Report30.1) has demonstrated a reduction in the levels *Ps. aeruginosa* and should be kept in place during the low training period. Follow up sampling regime to take place as per the current site water monitoring program.

Yours faithfully  
Cardno Lane Piper Pty Ltd



Senior Environmental Chemist

Approved:



Senior Principal

*Enclosed:*

NATA Certified Laboratory Report:

- ALS Report number: 347332 – sample date 25 January 2013

<sup>1</sup> Water is not used directly in fire-fighting training at this RTG from the following sources: the Concrete Tank and the Flammable Liquids Tank. The concrete tank has been taken off line and emptied, hence it is no longer used in the water recirculation cycle at Fiskville.



Environmental Division (Water Resources Group)



CERTIFICATE OF ANALYSIS

Batch No: 13-05658 Page: Page 1 of 2
Final Report: 347332
Client: CFA Laboratory: Scoresby Laboratory
Contact: [Redacted] Address: Caribbean Business Park, 22 Dalmore Drive, Scoresby, VIC 3179
Address: PO Box 717 Patterson Lakes VIC 3197 Phone: 03 8756 8000 Fax: 03 9763 1862
PO No: Not Available Date Sampled: 25-Jan-2013
Sampler Name: Date Samples Received: 25-Jan-2013
ALS Program Ref: CFA Date Issued: 30-Jan-2013
Program Description: Miscellaneous Analyses
Client Ref: North Tank

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. Row 1: Colilert (2000), MM514, Scoresby, Ps aeruginosa, MM528, Scoresby

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. Row 1: [Redacted], Deputy Team Leader Microbiology, [Redacted], Analyst

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.

Page: Page 2 of 2  
 Batch No: 13-05658  
 Report Number: 347332  
 Client: CFA  
 ALS Program Ref: CFA  
 Program Description: Miscellaneous Analyses



Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
3341232		North Megalitre Tank	WATER	25/01/13

Analysis - Analyte	Sample No.	3341232
	Site Code	
	Units	
Colilert (2000) - E.coli MPN Colilert	orgs/100mL	0
Ps aeruginosa - Pseudomonas aeruginosa	orgs/100mL	0