



Our Ref: 212163.6Report09.1

20 August 2012

Country Fire Authority
8 Lakeside Drive
East Burwood Vic 3151

[REDACTED]
[REDACTED]

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Water Monitoring Results - RTGs Week of 13 August 2012

Dear [REDACTED],

I am writing at the request of [REDACTED] in relation to water quality testing reports received from the CFA from the Regional Training Grounds (RTG) in the week starting 13 August 2012. We received data from only one RTG – Huntly – for this period.

These test reports have been 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). It is noted that the result received this week was from the RTGs at Huntly.

The results have been reviewed by our team of water quality and health specialists and we can report that the results from;

- **Huntly:** indicate that a water quality criterion for BOD as set in the Water Management Plan for Huntly has been exceeded. In this plan the criterion for a bacterial indicator (E. coli) is set at <150 organisms per 100 mL however an interim criterion of 10 organisms per 100 mL has been adopted for all CFA sites during the current investigation. This criterion for E. coli has also been exceeded. The BOD and bacterial counts at this site require further investigation including implementation of suitable control measures (refer to the Water Management Plan for Huntly) and retesting of water quality. Therefore, recirculated water use at this site should be minimised until further notice.

Yours faithfully
Cardno Lane Piper Pty Ltd

Giorgio De Nola
Senior Environmental Chemist

Approved:

Anthony P. Lane
Senior Principal

Enclosed:

NATA Certified Laboratory Reports:

- **Huntly:** ALS Report number: 320035 – sample date 06 August 2012



Chemistry

Sample	Sampled Date	Your Ref	Component:	Units:	Sample Type	BOD5
3132723	06-08-12		WATER			<2
3132724	06-08-12		WATER			11
3132725	06-08-12		WATER			3
3132726	06-08-12		WATER			3
3132727	06-08-12		WATER			3
3132728	06-08-12		WATER			<2
3132729	06-08-12		WATER			<2
3132730	06-08-12		WATER			<2
3132731	06-08-12		WATER			<2
3132732	06-08-12		WATER			<2
3132733	06-08-12		WATER			<2
3132734	06-08-12		WATER			<2
3132735	06-08-12		WATER			<2

Microbiology

Sample	Sampled Date	Your Ref	Component:	Units:	Sample Type	Collet (2000)	Ps aeruginosa
3132723	06-08-12		WATER			0	0
3132724	06-08-12		WATER			31	0
3132725	06-08-12		WATER			0	<10
3132726	06-08-12		WATER			0	0
3132727	06-08-12		WATER			33	0
3132728	06-08-12		WATER			0	0
3132729	06-08-12		WATER			0	0
3132730	06-08-12		WATER			0	0
3132731	06-08-12		WATER			0	0
3132732	06-08-12		WATER			0	0
3132733	06-08-12		WATER			0	0
3132734	06-08-12		WATER			0	0
3132735	06-08-12		WATER			1	0

Samples tested as received. A blank space indicates no test performed. 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.