



Environmental Division (Water Resources Group)



# CERTIFICATE OF ANALYSIS

<b>Batch No:</b>	<b>13-54457</b>	<i>Page</i>	<b>Page 1 of 2</b>
<i>Final Report</i>	<b>409212</b>	<i>Laboratory</i>	Bendigo Laboratory
<i>Client:</i>	<b>CFA Training Ground - Huntly Campus</b>	<i>Address</i>	Gate 6 Sharon Street, La Trobe University, Bendigo, VIC 3550
<i>Contact:</i>		<i>Phone</i>	03 5441 0700
<i>Address:</i>	PO Box 383 HUNTLEY VIC 3551	<i>Fax</i>	03 5444 5208
		<i>Contact:</i>	Bendigo Laboratory Manager
<i>PO No:</i>	<b>LP 331722</b>	<i>Date Sampled:</i>	<b>18-Dec-2013</b>
<i>Sampler Name:</i>		<i>Date Samples Received:</i>	<b>18-Dec-2013</b>
<i>ALS Program Ref:</i>	<b>CFABGO</b>	<i>Date Issued:</i>	<b>23-Dec-2013</b>
<i>Program Description:</i>	<b>Miscellaneous Analyses</b>		
<i>Client Ref:</i>	<b>Misc Analysis</b>		

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

<i>Analysis</i>	<i>Method</i>	<i>Laboratory</i>	<i>Analysis</i>	<i>Method</i>	<i>Laboratory</i>
BOD5	VIC-CM028	Bendigo	Colilert (2000)	MM514	Bendigo
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

<i>Name</i>	<i>Title</i>	<i>Name</i>	<i>Title</i>
	<b>Bendigo Laboratory Manager</b>		<b>Team Leader Microbiology</b>
	<b>Process Co-ordinator</b>		



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: 13-54457  
 Report Number: 409212  
 Client: CFA Training Ground - Huntly Campus  
 ALS Program Ref: CFABGO  
 Program Description: Miscellaneous Analyses



Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
3730586		Tank No 8 - LP Gas PAD	WATER	18/12/13 10:30
3730587		Tank No 9 - Flam Liq PAD	WATER	18/12/13 10:30
3730588		Tank No 10 - Main water store	WATER	18/12/13 10:30
3730589		Hydrant - LP Gas PAD	WATER	18/12/13 10:30

	Sample No. Site Code Units	3730586	3730587	3730588	3730589
<b>Analysis - Analyte</b>					
BOD5 - Biochemical Oxygen Demand, 5 Day	mg/L	2	3	<2	<2
Colilert (2000) - E.coli MPN Colilert	orgs/100mL	34	0	0	0
Ps aeruginosa - Pseudomonas aeruginosa	orgs/100mL	0	0	0	0

Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
3730590		Main Dam	WATER	18/12/13 10:30

	Sample No. Site Code Units	3730590
<b>Analysis - Analyte</b>		
BOD5 - Biochemical Oxygen Demand, 5 Day	mg/L	3
Colilert (2000) - E.coli MPN Colilert	orgs/100mL	330
Ps aeruginosa - Pseudomonas aeruginosa	orgs/100mL	0



17 January 2014

Country Fire Authority  
8 Lakeside Drive  
Burwood East Vic 3151

Dear

**Water Monitoring Results: Huntly Campus – Batch 13-54457**

I refer to the attached water test results received from the ALS Group, who undertook the tests in accordance with the water monitoring program set out in CFA's Water Management Plans. ALS Group is an independent laboratory certified by the National Association of Testing Authorities (NATA).

A new water tank has been commissioned at Huntly and has been operational since December 2013. This water tank (tank 10) is now used as the primary supply for firefighting training and replaces water tanks 1 through 7. Water tanks 1 through 7 have been taken off line as these will no longer be used to supply water for firefighting training. As a result, the water testing regime has been adjusted to include tank 10 and exclude tanks 1 to 7.

The attached test results indicate that the water samples collected on 18 December 2013 exceeded the criterion for E. Coli in tank 8 and the main dam.

Tank 8 has been taken off line and will remain off line until it passes a retest. The campus is not currently conducting training and the water will be retested prior to being brought back on line.

The E. Coli in the main dam is not a concern as it is not used for firefighting training.

Yours sincerely

/Manager Field Training