



BEGA CHEESE
SINCE 1899

PO Box 123
Bega NSW 2550
Australia
Reception Ph: +61-2-6491 7777
Environment Line Ph: +61-2-6491 7691

Environment Monitoring Report

May 2013

EPA Licence number: 1511

Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Air	EPA 12-Air emissions monitoring, back up boiler PPU	Lab report number			0.35 g/m3	Yearly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>	Testing is conducted yearly and is not required this month			
Air	EPA 22-Air emissions monitoring, main boiler PPU	Lab report number			0.35 g/m3	Yearly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>	Testing is conducted yearly and is not required this month			



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Air	EPA 24 - Air emissions monitoring, gas boiler stack DPU	Lab report number			0.35 g/m3	Yearly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>	Testing is conducted yearly and is not required this month			
Air	EPA 7 - Air emissions monitoring, DPU boiler Stack	Lab report number			0.25 g/m3	Yearly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>	Testing is conducted yearly and is not required this month			



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Air	EPA 8-Air emissions monitoring, Whey plant stack DPU				0.25 g/m3	Special frequency 2
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date	31/05/2013			
		<u>Summary</u>				
		Testing is conducted yearly and is not required this month				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Noise	L3.2 - Noise emissions during night time (10pm to 7am) at the most affected residential property	Lab report number			LA10(15 minutes) 45dB (A)	Yearly
		Sampled date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted yearly and is not required this month				
Noise	L3.3 - Noise emissions during day time at the most affected residential property	Lab report number			LA1(15 minute) 53 dB (A)	Yearly
		Sampled date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted yearly and is not required this month				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 1 – Volume monitoring from DPU to utilisation areas - The Ranch, Wet Weather Storage Dam, Angeldale Apps Farm West, Apps Farm East, Apps Flat, Rockleigh, Ubrighien & Factory Flats	Irrigation Days	31		none	Daily
		Volume (Average)	1081	KL/day		
		Volume (Min-Max)	273 - 1673	KL/day		
		Sampled date	31/05/2013			
		<u>Summary</u>				
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD	Lab report number			none	Quarterly
		Sampled date	20/05/2013			
		Lab received date				
		Report received date				
		<u>Summary</u>				
		No sub-surface water flow, no sample possible				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 25 - 'Control' Groundwater monitoring point at corner of Daisy Hill & Buckajo Rd	Lab report number			none	Quarterly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarterly and is not required this month				
Water & Land	EPA 26 - Groundwater monitoring point at 'The Ranch' fenceline	Lab report number			none	Quarterly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarterly and is not required this month				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 27 - Groundwater monitoring point at Bega River crossing, Factory Flats	Lab report number			none	Quarterly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarterly and is not required this month				
Water & Land	EPA 28 - Groundwater monitoring point at Appes Farm near bridge	Lab report number			none	Quarterly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarterly and is not required this month				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 29 - Groundwater monitoring point at Apps Farm, east river flats	Lab report number			none	Quarterly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarterly and is not required this month				
Water & Land	EPA 30 - Groundwater monitoring point at Apps/Ubrihien farm south	Lab report number			none	Quarterly
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarterly and is not required this month				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 31 - 'Control' Groundwater monitoring point at Ubrihien farm west	Lab report number Sampled date Lab received date Report received date			none	Quarterly
		<u>Summary</u>	Testing is conducted quarterly and is not required this month			



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 5-Effluent quality monitoring, DPU holding tanks 1 & 2	Biochemical oxygen demand	2300	mg/L	none	Monthly
		Conductivity	3014	µS/cm		
		Faecal coliforms	140000000	cfu/100 ml		
		Nitrate	0.23	mg/L		
		Nitrogen (total)	140	mg/L		
		Phosphorus (total)	36	mg/L		
		Sodium	480	mg/L		
		Sodium adsorption ratio	15			
		Total suspended solids	880	mg/L		
		PH	6.02			
		Lab report number	N041088			
		Sampled date	31/05/2013			
		Lab received date	7/06/2013			
		Report received date	17/06/2013			
		<u>Summary</u>				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 6-Effluent quality & discharge volume monitoring from WWSO holding tank to utilisation areas 'The Ranch' and 'Grevillea'	Irrigation Days	0		none	Special frequency 1
		Volume (Average)	0	KL/day		
		Volume (Min-Max)	0 - 0	KL/day		
		Lab report number				
		Sampled date	31/05/2013			
		Lab received date				
		Report received date				
		<u>Summary</u>				



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Glossary	
Abbreviation	Description
DPU	Dairy Processing Unit, Lagoon St
Lab	Laboratory
PPU	Processing & Packaging Plant, Ridge St
special frequency 1	Monthly sampling during discharge from point 6 during any month that discharge occurs
special frequency 2	Annual sampling of two samples: sample 1 collected no more than 1 hour before the stack is washed, and sample 2 collected no more than 1 hour after the stack is washed.
WWSD	Wet weather storage dam