



# Environment Monitoring Report

**August 2018**

EPA Licence number: 1511

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

Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency	
Air	EPA 12-Air emissions monitoring, back up boiler PPU				0.35 g/m3	Yearly	
		Lab report number					
		Sampled date					
		Lab received date					
		Report received date					
	<b>Summary</b>		Testing is conducted yearly and is not required this month				
	EPA 22-Air emissions monitoring, main boiler PPU					0.35 g/m3	Yearly
		Lab report number					
		Sampled date					
		Lab received date					
Report received date							
<b>Summary</b>		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				0.35 g/m3	Yearly	
		Lab report number					
		Sampled date					
		Lab received date					
		Report received date					
	<b>Summary</b>		Testing is conducted yearly and is not required this month				
	EPA 7- Air emissions monitoring, DPU boiler Stack					0.25 g/m3	Yearly
		Lab report number					
		Sampled date					
		Lab received date					
Report received date							
<b>Summary</b>		Testing is conducted yearly and is not required this month					



**BEGA CHEESE**  
SINCE 1899

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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				
		<b>Summary</b> 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				LA10(15 minutes) 45dB (A)	Yearly
	Lab report number 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				LA1(15 minute) 53 dB (A)	Yearly
	Lab report number 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, Ubrihien & Factory Flats				none	Daily	
		Irrigation Days	31				
		Volume (Average)	1321	kL/day			
		Volume (Min-Max)	881 - 1543	kL/day			
		Sampled date	31/08/2018				
	<b><u>Summary</u></b>						
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD					none	Quarterly
		Lab report number					
		Sampled date	31/08/2018				
		Lab received date					
Report received date							
<b><u>Summary</u></b>							
No sample available from this point as WWSD is not used for last few months due to persistent dry weather							



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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				none	Quarterly	
		Depth	3.60	m			
		Lab report number					
		Sampled date					
		Lab received date					
		Report received date					
	<b><u>Summary</u></b>		Testing is conducted quarterly and is not required this month				
	EPA 26 - Groundwater monitoring point at 'The Ranch' fenceline					none	Quarterly
		Depth	4.65	m			
		Lab report number					
		Sampled date					
		Lab received date					
Report received date							
<b><u>Summary</u></b>		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				none	Quarterly	
		Depth	5.30	m			
		Lab report number					
		Sampled date					
		Lab received date					
		Report received date					
	<b><u>Summary</u></b>		Testing is conducted quarterly and is not required this month				
	EPA 28 - Groundwater monitoring point at Apps Farm near bridge					none	Quarterly
		Depth	5.25	m			
		Lab report number					
		Sampled date					
		Lab received date					
Report received date							
<b><u>Summary</u></b>		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				none	Quarterly	
		Depth	6.55	m			
		Lab report number					
		Sampled date					
		Lab received date					
		Report received date					
		<b>Summary</b>		Testing is conducted quarterly and is not required this month			
	EPA 30 - Groundwater monitoring point at Apps/Ubrihien farm south					none	Quarterly
		Depth	6.10	m			
		Lab report number					
		Sampled date					
		Lab received date					
		Report received date					
		<b>Summary</b>		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				none	Quarterly
		Depth	7.25	m		
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		<b><u>Summary</u></b>		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				none	Monthly
		Biochemical oxygen demand	4200	mg/L		
		Conductivity	3456	µS/cm		
		Faecal coliforms	10340000	cfu/100 ml		
		Nitrate	9.4	mg/L		
		Nitrogen (total)	210	mg/L		
		Phosphorus (total)	55	mg/L		
		Sodium	870	mg/L		
		Sodium adsorption ratio	25			
		Total suspended solids	1000	mg/L		
		PH	7.65			
		Lab report number	N077469			
		Sampled date	30/08/2018			
		Lab received date	4/09/2018			
		Report received date	11/09/2018			
<b><u>Summary</u></b>						



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 6-Effluent quality & discharge volume monitoring from WWSD holding tank to utilisation areas 'The Ranch' and 'Grevillea'				none	Special frequency 1
		Lab report number				
		Sampled date	31/08/2018			
		Lab received date				
		Report received date				
		<b><u>Summary</u></b>				
		No Wastewater used from this point for irrigation in August 2018				



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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