



BEGA CHEESE
SINCE 1899

Environment Monitoring Report

February 2025

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				
	EPA 22-Air emissions monitoring, main boiler PPU	<u>Summary</u> Testing is conducted yearly and is not required this month				
					0.35 g/m3	Yearly
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
	EPA 22-Air emissions monitoring, main boiler PPU	<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				0.35 g/m3	Yearly
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u> 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				
		<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
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				
		<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
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				
		Summary Testing is conducted yearly and is not required this month				
	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				
		Summary 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	28			
		Volume (Average)	1050	kL/day		
		Volume (Min-Max)	95 - 1486	kL/day		
		Sampled date	28/02/2025			
		<u>Summary</u>				
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD				none	Quarterly
		Biochemical oxygen demand	5	mg/L		
		Conductivity	780	µS/cm		
		Nitrate	0.005	mg/L		
		PH	6.2			
		Lab report number				
		Sampled date	28/02/2025			
		Lab received date				
		Report received date				
		<u>Summary</u>				



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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	
		Conductivity	960	µS/cm			
		Depth	1.70	m			
		Nitrate	0.005	mg/L			
		Nitrogen (total)	0.76	mg/L			
		Phosphorus (total)	0.042	mg/L			
		PH	6.5				
		Available phophorus	0.009	mg/L			
		Lab report number	N121252				
		Sampled date	25/02/2025				
		Lab received date	26/02/2025				
		Report received date	7/03/2025				
		<u>Summary</u>					



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 26 - Groundwater monitoring point at 'The Ranch' fenceline				none	Quarterly
		Conductivity	1600	µS/cm		
		Depth	3.95	m		
		Nitrate	0.005	mg/L		
		Nitrogen (total)	0.58	mg/L		
		Phosphorus (total)	0.011	mg/L		
		PH	6.5			
		Available phophorus	0.004	mg/L		
		Lab report number	N121252			
		Sampled date	25/02/2025			
		Lab received date	26/02/2025			
		Report received date	7/03/2025			
		<u>Summary</u>				



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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
		Conductivity	680	µS/cm		
		Depth	5.00	m		
		Nitrate	0.005	mg/L		
		Nitrogen (total)	1.1	mg/L		
		Phosphorus (total)	0.061	mg/L		
		PH	6.5			
		Available phophorus	0.004	mg/L		
		Lab report number	N121252			
		Sampled date	25/02/2025			
		Lab received date	26/02/2025			
		Report received date	7/03/2025			
		<u>Summary</u>				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 28 - Groundwater monitoring point at Apps Farm near bridge				none	Quarterly
		Conductivity	970	µS/cm		
		Depth	4.90	m		
		Nitrate	0.086	mg/L		
		Nitrogen (total)	2.2	mg/L		
		Phosphorus (total)	0.27	mg/L		
		PH	6.7			
		Available phophorus	0.004	mg/L		
		Lab report number	N121252			
		Sampled date	25/02/2025			
		Lab received date	26/02/2025			
		Report received date	7/03/2025			
		<u>Summary</u>				



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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
		Conductivity	1300	µS/cm		
		Depth	6.10	m		
		Nitrate	0.8	mg/L		
		Nitrogen (total)	0.82	mg/L		
		Phosphorus (total)	0.23	mg/L		
		PH	6.2			
		Available phophorus	0.004	mg/L		
		Lab report number	N121252			
		Sampled date	25/02/2025			
		Lab received date	26/02/2025			
		Report received date	7/03/2025			
		<u>Summary</u>				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 30 - Groundwater monitoring point at Apps/Ubrihien farm south				none	Quarterly
		Conductivity	130	µS/cm		
		Depth	5.80	m		
		Nitrate	0.034	mg/L		
		Nitrogen (total)	0.93	mg/L		
		Phosphorus (total)	0.057	mg/L		
		PH	6.6			
		Available phophorus	0.004	mg/L		
		Lab report number	N121252			
		Sampled date	25/02/2025			
		Lab received date	26/02/2025			
		Report received date	7/03/2025			
		<u>Summary</u>				



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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	
		Conductivity	1300	µS/cm			
		Depth	7.00	m			
		Nitrate	5.3	mg/L			
		Nitrogen (total)	0.36	mg/L			
		Phosphorus (total)	0.045	mg/L			
		PH	5.6				
		Available phophorus	0.004	mg/L			
		Lab report number	N121252				
		Sampled date	25/02/2025				
		Lab received date	26/02/2025				
		Report received date	7/03/2025				
		<u>Summary</u>					



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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	1500	mg/L		
		Conductivity	3409	µS/cm		
		Faecal coliforms	100	cfu/100 ml		
		Nitrate	5	mg/L		
		Nitrogen (total)	100	mg/L		
		Phosphorus (total)	27	mg/L		
		Sodium	690	mg/L		
		Sodium adsorption ratio	24			
		Total suspended solids	600	mg/L		
		PH	7.09			
		Lab report number	N121499			
		Sampled date	28/02/2025			
		Lab received date	4/02/2025			
		Report received date	19/03/2025			
		<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 WWSD holding tank to utilisation areas 'The Ranch' and 'Grevillea'				none	Special frequency 1
		Lab report number				
		Sampled date	28/02/2025			
		Lab received date				
		Report received date				
		<u>Summary</u> No irrigation from this sample point for February 2025				



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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