



BEGA CHEESE
SINCE 1899

Environment Monitoring Report

April 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				
	EPA 22-Air emissions monitoring, main 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				



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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
		Particulate matter	0.1	g/m3		
		Lab report number	R018618			
		Sampled date	10/04/2025			
		Lab received date	11/04/2025			
		Report received date	1/05/2025			
		<u>Summary</u>				



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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
		Particulate matter	0.25	g/m3		
		Lab report number	R018618			
		Sampled date	11/04/2025			
		Lab received date	11/04/2025			
		Report received date	1/05/2025			
		<u>Summary</u>				



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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				
	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	30			
		Volume (Average)	1077	kL/day		
		Volume (Min-Max)	201 - 1730	kL/day		
		Sampled date	30/04/2025			
		<u>Summary</u>				
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD				none	Quarterly
		Biochemical oxygen demand	5	mg/L		
		Conductivity	560	µS/cm		
		Nitrate	0.068	mg/L		
		PH	6.4			
		Lab report number	N122394			
		Sampled date	28/04/2025			
		Lab received date	29/04/2025			
		Report received date	6/05/2025			
		<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	1000	µS/cm			
		Depth	1.85	m			
		Nitrate	0.005	mg/L			
		Nitrogen (total)	0.52	mg/L			
		Phosphorus (total)	0.048	mg/L			
		PH	6.4				
		Available phophorus	0.011	mg/L			
		Lab report number	N122395				
		Sampled date	28/04/2025				
		Lab received date	29/04/2025				
		Report received date	6/05/2025				
		<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	3.80	m		
		Nitrate	0.005	mg/L		
		Nitrogen (total)	0.55	mg/L		
		Phosphorus (total)	0.028	mg/L		
		PH	6.4			
		Available phophorus	0.004	mg/L		
		Lab report number	N122395			
		Sampled date	28/04/2025			
		Lab received date	29/04/2025			
		Report received date	6/05/2025			
		<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	550	µS/cm		
		Depth	4.80	m		
		Nitrate	0.005	mg/L		
		Nitrogen (total)	1	mg/L		
		Phosphorus (total)	0.38	mg/L		
		PH	6.6			
		Available phophorus	0.011	mg/L		
		Lab report number	N122395			
		Sampled date	28/04/2025			
		Lab received date	29/04/2025			
		Report received date	6/05/2025			
		<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	1200	µS/cm		
		Depth	4.30	m		
		Nitrate	1.6	mg/L		
		Nitrogen (total)	2.1	mg/L		
		Phosphorus (total)	0.24	mg/L		
		PH	6.6			
		Available phophorus	0.004	mg/L		
		Lab report number	N122395			
		Sampled date	28/04/2025			
		Lab received date	29/04/2025			
		Report received date	6/05/2025			
		<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	1100	µS/cm		
		Depth	5.45	m		
		Nitrate	0.77	mg/L		
		Nitrogen (total)	1.2	mg/L		
		Phosphorus (total)	0.46	mg/L		
		PH	6.3			
		Available phophorus	0.004	mg/L		
		Lab report number	N122395			
		Sampled date	28/04/2025			
		Lab received date	29/04/2025			
		Report received date	6/05/2025			
		<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	140	µS/cm		
		Depth	4.65	m		
		Nitrate	0.005	mg/L		
		Nitrogen (total)	0.68	mg/L		
		Phosphorus (total)	0.49	mg/L		
		PH	6.5			
		Available phophorus	0.004	mg/L		
		Lab report number	N122395			
		Sampled date	28/04/2025			
		Lab received date	29/04/2025			
		Report received date	6/05/2025			
		<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	6.20	m		
		Nitrate	5.9	mg/L		
		Nitrogen (total)	0.33	mg/L		
		Phosphorus (total)	0.071	mg/L		
		PH	5.7			
		Available phophorus	0.007	mg/L		
		Lab report number	N122395			
		Sampled date	28/04/2025			
		Lab received date	29/04/2025			
		Report received date	6/05/2025			
		<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	1800	mg/L		
		Conductivity	3219	µS/cm		
		Faecal coliforms	100	cfu/100 ml		
		Nitrate	26	mg/L		
		Nitrogen (total)	110	mg/L		
		Phosphorus (total)	27	mg/L		
		Sodium	605	mg/L		
		Sodium adsorption ratio	21			
		Total suspended solids	460	mg/L		
		PH	7.36			
		Lab report number	N122456			
		Sampled date	30/04/2025			
		Lab received date	1/05/2025			
		Report received date	9/05/2025			
<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	30/04/2025			
		Lab received date				
		Report received date				
		<u>Summary</u> No irrigation from this sample point for April 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