



BEGA CHEESE
SINCE 1899

Environment Monitoring Report

January 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				
		<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				
		<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	0.11	g/m3		
		Lab report number	R018275			
		Sampled date	28/01/2025			
		Lab received date	30/01/2025			
		Report received date	17/02/2025			
		<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	R018275			
		Sampled date	29/01/2025			
		Lab received date	30/01/2025			
		Report received date	17/02/2025			
		<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				
		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	31			
		Volume (Average)	1111	kL/day		
		Volume (Min-Max)	255 - 1685	kL/day		
		Sampled date	31/01/2025			
		<u>Summary</u>				
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD				none	Quarterly
		Biochemical oxygen demand	5	mg/L		
		Conductivity	520	µS/cm		
		Nitrate	0.049	mg/L		
		PH	6.5			
		Lab report number	N120551			
		Sampled date	22/01/2025			
		Lab received date	23/01/2025			
		Report received date	31/01/2025			
		<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
		Lab report number				
		Sampled date	31/01/2025			
		Lab received date				
		Report received date				
	EPA 26 - Groundwater monitoring point at 'The Ranch' fenceline	<u>Summary</u>				
		Due to adverse weather conditions sampling not completed January 2025. Rescheduled for February 2025				
					none	Quarterly
		Lab report number				
		Sampled date	31/01/2025			
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Due to adverse weather conditions sampling not completed January 2025. Rescheduled for February 2025				



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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
		Lab report number				
		Sampled date	31/01/2025			
		Lab received date				
		Report received date				
	EPA 28 - Groundwater monitoring point at Apps Farm near bridge	<u>Summary</u>				
		Due to adverse weather conditions sampling not completed January 2025. Rescheduled for February 2025				
					none	Quarterly
		Lab report number				
		Sampled date	31/01/2025			
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Due to adverse weather conditions sampling not completed January 2025. Rescheduled for February 2025				



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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
		Lab report number				
		Sampled date	31/01/2025			
		Lab received date				
		Report received date				
	EPA 30 - Groundwater monitoring point at Apps/Ubrihien farm south	<u>Summary</u>				
		Due to adverse weather conditions sampling not completed January 2025. Rescheduled for February 2025				
					none	Quarterly
		Lab report number				
		Sampled date	31/01/2025			
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Due to adverse weather conditions sampling not completed January 2025. Rescheduled for February 2025				



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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
		Lab report number				
		Sampled date	31/01/2025			
		Lab received date				
		Report received date				
		<u>Summary</u> Due to adverse weather conditions sampling not completed January 2025. Rescheduled for February 2025				



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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	3000	mg/L		
		Conductivity	3603	µS/cm		
		Faecal coliforms	100	cfu/100 ml		
		Nitrate	5	mg/L		
		Nitrogen (total)	150	mg/L		
		Phosphorus (total)	38	mg/L		
		Sodium	685	mg/L		
		Sodium adsorption ratio	26			
		Total suspended solids	850	mg/L		
		PH	6.81			
		Lab report number	N120877			
		Sampled date	31/01/2025			
		Lab received date	5/02/2025			
		Report received date	17/02/2025			
<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	31/01/2025			
		Lab received date				
		Report received date				
		<u>Summary</u> No irrigation from this sample point for January 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