



# Environment Monitoring Report

**January 2024**

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><u>Summary</u></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><u>Summary</u></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
		Particulate matter	0.31		g/m3		
		Lab report number	R016282				
		Sampled date	23/01/2024				
Lab received date		24/01/2024					
Report received date		6/02/2024					
<b>Summary</b>							



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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	0.22	g/m3		
		Lab report number	R016282			
		Sampled date	23/01/2024			
		Lab received date	24/01/2024			
		Report received date	6/02/2024			
<b><u>Summary</u></b>						



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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				
		<b>Summary</b>		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				
		<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	
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)	1099	kL/day			
		Volume (Min-Max)	232 - 1539	kL/day			
		Sampled date	31/01/2024				
	<b><u>Summary</u></b>						
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD					none	Quarterly
		Biochemical oxygen demand	5	mg/L			
		Conductivity	660	µS/cm			
		Nitrate	0.015	mg/L			
PH		6.2					
Lab report number		N113605					
Sampled date		10/01/2024					
Lab received date		11/01/2024					
Report received date		18/01/2024					
<b><u>Summary</u></b>							



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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	690	µS/cm		
		Depth	1.45	m		
		Nitrate	0.005	mg/L		
		Nitrogen (total)	0.55	mg/L		
		Phosphorus (total)	0.012	mg/L		
		PH	6.4			
		Available phosphorus	0.004	mg/L		
		Lab report number	N113766			
		Sampled date	10/01/2024			
		Lab received date	11/01/2024			
		Report received date	25/01/2024			
		<b><u>Summary</u></b>				



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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	620	µS/cm		
		Depth	3.30	m		
		Nitrate	0.041	mg/L		
		Nitrogen (total)	0.61	mg/L		
		Phosphorus (total)	0.082	mg/L		
		PH	6.6			
		Available phosphorus	0.008	mg/L		
		Lab report number	N113766			
		Sampled date	10/01/2024			
		Lab received date	11/01/2024			
		Report received date	25/01/2024			
		<b><u>Summary</u></b>				



**BEGA CHEESE**  
SINCE 1899

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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	N113766			
		Sampled date	10/01/2024			
		Lab received date	11/01/2024			
		Report received date	25/01/2024			
		<b>Summary</b>				
		No sample available for January 2024 due to damaged bore.				





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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	500	µS/cm		
		Depth	4.10	m		
		Nitrate	0.4	mg/L		
		Nitrogen (total)	1.2	mg/L		
		Phosphorus (total)	0.073	mg/L		
		PH	6.6			
		Available phosphorus	0.007	mg/L		
		Lab report number	N113766			
		Sampled date	10/01/2024			
		Lab received date	11/01/2024			
		Report received date	25/01/2024			
		<b><u>Summary</u></b>				



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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	1000	µS/cm		
		Depth	5.15	m		
		Nitrate	1.9	mg/L		
		Nitrogen (total)	1.1	mg/L		
		Phosphorus (total)	0.062	mg/L		
		PH	6.2			
		Available phosphorus	0.004	mg/L		
		Lab report number	N113766			
		Sampled date	10/01/2024			
		Lab received date	11/01/2024			
		Report received date	25/01/2024			
		<b><u>Summary</u></b>				



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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	200	µS/cm		
		Depth	4.90	m		
		Nitrate	0.038	mg/L		
		Nitrogen (total)	0.95	mg/L		
		Phosphorus (total)	0.061	mg/L		
		PH	6.4			
		Available phosphorus	0.004	mg/L		
		Lab report number	N113766			
		Sampled date	10/01/2024			
		Lab received date	11/01/2024			
		Report received date	25/01/2024			
		<b><u>Summary</u></b>				



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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	1100	µS/cm		
		Depth	5.90	m		
		Nitrate	5.2	mg/L		
		Nitrogen (total)	0.02	mg/L		
		Phosphorus (total)	0.022	mg/L		
		PH	5.7			
		Available phosphorus	0.008	mg/L		
		Lab report number	N113766			
		Sampled date	10/01/2024			
		Lab received date	11/01/2024			
		Report received date	25/01/2024			
		<b><u>Summary</u></b>				



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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	2350	mg/L		
		Conductivity	3787	µS/cm		
		Faecal coliforms	100	cfu/100 ml		
		Nitrate	5	mg/L		
		Nitrogen (total)	130	mg/L		
		Phosphorus (total)	44	mg/L		
		Sodium	715	mg/L		
		Sodium adsorption ratio	22			
		Total suspended solids	4	mg/L		
		PH	6.87			
		Lab report number	N114042			
		Sampled date	31/01/2024			
		Lab received date	1/02/2024			
		Report received date	9/02/2024			
<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	31/01/2024			
		Lab received date				
		Report received date				
		<b><u>Summary</u></b>				
		No irrigation from this sample point for January 2024				



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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