BEGA CHEESE
SINCE 1899

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

Environment Monitoring Report

February 2021

EPA Licence number: 1511

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				
		Summary				
		Testing is conducted quarterly 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				
		Summary				
		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 24 - Air emissions monitoring, gas boiler stack DPU				0.35 g/m3	Yearly
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary				
		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				
		Summary				
		Testing is conducted quarterly and is not required this month				

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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				
		Summary 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)	1190	kL/day		
		Volume (Min-Max)	673 - 1431	kL/day		
		Sampled date	28/02/2021			
		Summary				
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD				none	Quarterly
		Lab report number				
		Sampled date	28/02/2021			
		Lab received date				
		Report received date				
		Summary				
		No sample available for Feb-2021 due to dry climatic conditions				

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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				
		Lab received date				
		Report received date				
		Summary				
		Testing is conducted quarterly and is not required this month				
	EPA 26 - Groundwater monitoring point at 'The Ranch' fenceline				none	Quarterly
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary				
		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
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary				
		Testing is conducted quarterly and is not required this month				
	EPA 28 - Groundwater monitoring point at Apps Farm near bridge				none	Quarterly
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary				
		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
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary Testing is conducted quarterly and is not required this month				
	EPA 30 - Groundwater monitoring point at Apps/Ubrihien farm south				none	Quarterly
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary 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
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary				
		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	3750	mg/L		
		Conductivity	2655	µS/cm		
		Faecal coliforms	100	cfu/100 ml		
		Nitrate	95	mg/L		
		Nitrogen (total)	250	mg/L		
		Phosphorus (total)	67	mg/L		
		Sodium	555	mg/L		
		Sodium adsorption ratio	16			
		Total suspended solids	1400	mg/L		
		PH	6.96			
		Lab report number	N094019			
		Sampled date	28/02/2021			
		Lab received date	3/03/2021			
		Report received date	15/03/2021			
		Summary				

Environment Monitoring Report

February 2021

EPA Licence number: 1511

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	28/02/2021			
		Lab received date				
		Report received date				
		Summary No irrigation from this sample point for Feb-2021				

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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