



# Environment Monitoring Report

**October 2020**

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	
		Nitrogen Oxides	180	g/m3			
		Lab report number	R009909				
		Sampled date	27/10/2020				
		Lab received date	18/11/2020				
		Report received date	31/10/2020				
		<b><u>Summary</u></b>					
	EPA 22-Air emissions monitoring, main boiler PPU					0.35 g/m3	Yearly
		Nitrogen Oxides	200	g/m3			
		Lab report number	R009909				
		Sampled date	27/10/2020				
		Lab received date	18/11/2020				
		Report received date	31/10/2020				
		<b><u>Summary</u></b>					



# Environment Monitoring Report

**October 2020**

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 24 - Air emissions monitoring, gas boiler stack DPU				0.35 g/m3	Yearly
		Nitrogen Oxides	92	g/m3		
		Lab report number	R009909			
		Sampled date	27/10/2020			
		Lab received date	25/11/2020			
		Report received date	2/12/2020			
		<b><u>Summary</u></b>				
Air	EPA 7- Air emissions monitoring, DPU boiler Stack				0.25 g/m3	Yearly
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		<b><u>Summary</u></b> Testing is conducted quarterly and is not required this month				



**BEGA CHEESE**  
SINCE 1899

# Environment Monitoring Report

**October 2020**

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 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				
<p><b><u>Summary</u></b> Testing is conducted quarterly and is not required this month</p>						



# Environment Monitoring Report

**October 2020**

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
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				



# Environment Monitoring Report

**October 2020**

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	
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)	131.3	kL/day			
		Volume (Min-Max)	379.4 - 1603.3	kL/day			
		Sampled date	31/10/2020				
	<b><u>Summary</u></b>						
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD					none	Quarterly
		Biochemical oxygen demand	5	mg/L			
		Conductivity	1100	µS/cm			
		Nitrate	0.43	mg/L			
PH		6.2					
Lab report number		N091720					
Sampled date		21/10/2020					
Lab received date		22/10/2020					
Report received date		29/10/2020					
<b><u>Summary</u></b>							



# Environment Monitoring Report

**October 2020**

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
Water & Land	EPA 25 - 'Control' Groundwater monitoring point at corner of Daisy Hill & Buckajo Rd				none	Quarterly
		Conductivity	660	µS/cm		
		Nitrate	0.19	mg/L		
		Nitrogen (total)	0.49	mg/L		
		Phosphorus (total)	0.035	mg/L		
		PH	6.4			
		Available phosphorus	0.028	mg/L		
		Lab report number	N091780			
		Sampled date	21/10/2020			
		Lab received date	22/10/2020			
		Report received date	31/10/2020			
<b><u>Summary</u></b>						



# Environment Monitoring Report

**October 2020**

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
Water & Land	EPA 26 - Groundwater monitoring point at 'The Ranch' fenceline				none	Quarterly
		Conductivity	1000	µS/cm		
		Nitrate	0.005	mg/L		
		Nitrogen (total)	0.35	mg/L		
		Phosphorus (total)	0.006	mg/L		
		PH	6.4			
		Available phosphorus	0.004	mg/L		
		Lab report number	N091780			
		Sampled date	21/10/2020			
		Lab received date	22/10/2020			
		Report received date	31/10/2020			
<b><u>Summary</u></b>						



**BEGA CHEESE**  
SINCE 1899

# Environment Monitoring Report

**October 2020**

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
Water & Land	EPA 27 - Groundwater monitoring point at Bega River crossing, Factory Flats				none	Quarterly
		Conductivity	1200	µS/cm		
		Nitrate	11	mg/L		
		Nitrogen (total)	0.01	mg/L		
		Phosphorus (total)	0.09	mg/L		
		PH	6.5			
		Available phosphorus	0.004	mg/L		
		Lab report number	N091780			
		Sampled date	21/10/2020			
		Lab received date	22/10/2020			
		Report received date	31/10/2020			
<b><u>Summary</u></b>						





# Environment Monitoring Report

**October 2020**

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
Water & Land	EPA 28 - Groundwater monitoring point at Apps Farm near bridge				none	Quarterly
		Conductivity	1200	µS/cm		
		Nitrate	0.16	mg/L		
		Nitrogen (total)	0.54	mg/L		
		Phosphorus (total)	0.008	mg/L		
		PH	6.5			
		Available phosphorus	0.004	mg/L		
		Lab report number	N091780			
		Sampled date	21/10/2020			
		Lab received date	22/10/2020			
		Report received date	31/10/2020			
<b><u>Summary</u></b>						



# Environment Monitoring Report

**October 2020**

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
Water & Land	EPA 29 - Groundwater monitoring point at Apps Farm, east river flats				none	Quarterly
		Conductivity	1600	µS/cm		
		Nitrate	0.087	mg/L		
		Nitrogen (total)	0.95	mg/L		
		Phosphorus (total)	0.005	mg/L		
		PH	6			
		Available phosphorus	0.004	mg/L		
		Lab report number	N091780			
		Sampled date	21/10/2020			
		Lab received date	22/10/2020			
		Report received date	31/10/2020			
<b><u>Summary</u></b>						



# Environment Monitoring Report

**October 2020**

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
Water & Land	EPA 30 - Groundwater monitoring point at Apps/Ubrihien farm south				none	Quarterly
		Conductivity	960	µS/cm		
		Nitrate	0.18	mg/L		
		Nitrogen (total)	1.4	mg/L		
		Phosphorus (total)	0.004	mg/L		
		PH	6			
		Available phosphorus	0.004	mg/L		
		Lab report number	N091780			
		Sampled date	21/10/2020			
		Lab received date	22/10/2020			
		Report received date	31/10/2020			
<b><u>Summary</u></b>						



# Environment Monitoring Report

**October 2020**

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
Water & Land	EPA 31 - 'Control' Groundwater monitoring point at Ubrihien farm west				none	Quarterly
		Conductivity	1500	µS/cm		
		Nitrate	3.9	mg/L		
		Nitrogen (total)	0.21	mg/L		
		Phosphorus (total)	0.007	mg/L		
		PH	5.8			
		Available phosphorus	0.004	mg/L		
		Lab report number	N091780			
		Sampled date	21/10/2020			
		Lab received date	22/10/2020			
		Report received date	31/10/2020			
<b><u>Summary</u></b>						



# Environment Monitoring Report

**October 2020**

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
Water & Land	EPA 5-Effluent quality monitoring, DPU holding tanks 1 & 2				none	Monthly
		Biochemical oxygen demand	2550	mg/L		
		Conductivity	3013	µS/cm		
		Faecal coliforms	100	cfu/100 ml		
		Nitrate	16	mg/L		
		Nitrogen (total)	180	mg/L		
		Phosphorus (total)	52	mg/L		
		Sodium	840	mg/L		
		Sodium adsorption ratio	22			
		Total suspended solids	930	mg/L		
		PH	6.92			
		Lab report number	N091950			
		Sampled date	31/10/2020			
		Lab received date	4/11/2020			
		Report received date	11/11/2020			
<b><u>Summary</u></b>						



# Environment Monitoring Report

**October 2020**

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
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	31/10/2020			
		Lab received date				
		Report received date				
		<p><b><u>Summary</u></b></p> <p>No irrigation from this sample point for Oct-2020</p>				



# Environment Monitoring Report

**October 2020**

EPA Licence number: 1511

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

## 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