



Environment Monitoring Report

January 2013

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	0.048	g/m3			
		Lab report number	N90405				
		Sampled date	29/01/2013				
		Lab received date	31/01/2013				
		Report received date	4/02/2013				
		<u>Summary</u>					
	EPA 22-Air emissions monitoring, main boiler PPU					0.35 g/m3	Yearly
		Nitrogen Oxides	0.15	g/m3			
		Lab report number	N90405				
		Sampled date	29/01/2013				
		Lab received date	31/01/2013				
		Report received date	4/02/2013				
		<u>Summary</u>					



Environment Monitoring Report

January 2013

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	0.09	g/m3			
		Lab report number	N90405				
		Sampled date	30/01/2013				
		Lab received date	31/01/2013				
		Report received date	4/02/2013				
		<u>Summary</u>					
	EPA 7- Air emissions monitoring, DPU boiler Stack					0.25 g/m3	Yearly
		Particulate matter	0.17	g/m3			
		Lab report number	N90405				
Sampled date		30/01/2013					
Lab received date		31/01/2013					
Report received date		4/02/2013					
<u>Summary</u>							



BEGA CHEESE
SINCE 1899

Environment Monitoring Report

January 2013

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
		Particulate matter	0.25	g/m3		
		Lab report number	N90405			
		Sampled date	30/01/2013			
		Lab received date	31/01/2013			
		Report received date	4/02/2013			
<u>Summary</u>						



Environment Monitoring Report

January 2013

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 Lab received date Report received date Summary 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 Lab received date Report received date Summary Testing is conducted yearly and is not required this month					



Environment Monitoring Report

January 2013

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)	471.53	kL/day		
		Volume (Min-Max)	374 - 1298	kL/day		
		Lab report number				
		Sampled date	31/01/2013			
		Lab received date				
		Report received date				
		<u>Summary</u>				



Environment Monitoring Report

January 2013

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 23-Environmental monitoring subsurface drainage sump at WWSD				none	Quarterly
		Biochemical oxygen demand	5	mg/L		
		Conductivity	2096	µS/cm		
		Nitrate	1	mg/L		
		PH	6.4			
		Lab report number	N038960			
		Sampled date	23/01/2013			
		Lab received date	24/01/2013			
		Report received date	31/01/2013			
<u>Summary</u>						



Environment Monitoring Report

January 2013

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	877	µS/cm		
		Depth	2.60	m		
		Nitrate	0.05	mg/L		
		Nitrogen (total)	1	mg/L		
		Phosphorus (total)	0.24	mg/L		
		PH	6.76			
		Available phosphorus	0.24	mg/L		
		Lab report number	N038960			
		Sampled date	22/01/2013			
		Lab received date	23/01/2013			
		Report received date	31/01/2013			
		<u>Summary</u>				



Environment Monitoring Report

January 2013

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	915	µS/cm		
		Depth	4.28	m		
		Nitrate	0.09	mg/L		
		Nitrogen (total)	0.3	mg/L		
		Phosphorus (total)	0.04	mg/L		
		PH	6.51			
		Available phosphorus	0.04	mg/L		
		Lab report number	N038960			
		Sampled date	22/01/2013			
		Lab received date	23/01/2013			
		Report received date	31/01/2013			
		<u>Summary</u>				



Environment Monitoring Report

January 2013

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	962	µS/cm		
		Depth	5.06	m		
		Nitrate	1.8	mg/L		
		Nitrogen (total)	2.2	mg/L		
		Phosphorus (total)	0.02	mg/L		
		PH	6.62			
		Available phosphorus	0.022	mg/L		
		Lab report number	N038960			
		Sampled date	22/01/2013			
		Lab received date	23/01/2013			
		Report received date	31/01/2013			
		<u>Summary</u>				



Environment Monitoring Report

January 2013

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	1557	µS/cm		
		Depth	5.10	m		
		Nitrate	0.001	mg/L		
		Nitrogen (total)	2	mg/L		
		Phosphorus (total)	0.03	mg/L		
		PH	6.62			
		Available phosphorus	0.03	mg/L		
		Lab report number	N038960			
		Sampled date	22/01/2013			
		Lab received date	23/01/2013			
		Report received date	31/01/2013			
		<u>Summary</u>				



Environment Monitoring Report

January 2013

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	1170	µS/cm		
		Depth	6.25	m		
		Nitrate	0.01	mg/L		
		Nitrogen (total)	1.5	mg/L		
		Phosphorus (total)	0	mg/L		
		PH	6.34			
		Available phosphorus	0.004	mg/L		
		Lab report number	N038960			
		Sampled date	22/01/2013			
		Lab received date	23/01/2013			
		Report received date	31/01/2013			
		Summary				
pH and conductivity resampled and retested.						



Environment Monitoring Report

January 2013

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	758	µS/cm		
		Depth	6.00	m		
		Nitrate	0.001	mg/L		
		Nitrogen (total)	1.1	mg/L		
		Phosphorus (total)	0.2	mg/L		
		PH	5.66			
		Available phosphorus	0.2	mg/L		
		Lab report number	N038960			
		Sampled date	22/01/2013			
		Lab received date	23/01/2013			
		Report received date	31/01/2013			
		Summary				
pH and conductivity resampled and retested.						



Environment Monitoring Report

January 2013

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	167	µS/cm		
		Depth	6.70	m		
		Nitrate	0.001	mg/L		
		Nitrogen (total)	3.2	mg/L		
		Phosphorus (total)	0.05	mg/L		
		PH	6.81			
		Available phosphorus	0.051	mg/L		
		Lab report number	N038960			
		Sampled date	22/01/2013			
		Lab received date	23/01/2013			
		Report received date	31/01/2013			
		Summary				
pH and conductivity resampled and retested.						



Environment Monitoring Report

January 2013

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	4900	mg/L		
		Conductivity	3182	µS/cm		
		Nitrate	19	mg/L		
		Nitrogen (total)	220	mg/L		
		Phosphorus (total)	130	mg/L		
		Sodium	430	mg/L		
		Sodium adsorption ratio	12			
		Total suspended solids	1100	mg/L		
		PH	4.7			
		Lab report number	N039071			
		Sampled date	31/01/2013			
		Lab received date	1/02/2013			
		Report received date	11/02/2013			
		Summary				
Faecal coliform result not available.						



Environment Monitoring Report

January 2013

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	31/01/2013			
		Lab received date				
		Report received date				
		<p><u>Summary</u></p> <p>Nil sampling done due to no new influent into the wet weather storage dam.</p>				



Environment Monitoring Report

January 2013

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