



Environment Monitoring Report

April 2018

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					
	Summary		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							
Summary		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					
	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 yearly and is not required this month					



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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
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
<p><u>Summary</u> Testing is conducted yearly and is not required this month</p>						



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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	
		Noise	44	dB(A)			
		Lab report number	171235				
		Sampled date	31/03/2018				
		Report received date	24/04/2018				
	Summary		Results are compliant to license condition				
	L3.3 - Noise emissions during day time at the most affected residential property					LA1(15 minute) 53 dB (A)	Yearly
		Noise	50	dB(A)			
		Lab report number	171235				
		Sampled date	31/03/2018				
Report received date		24/04/2018					
Summary		Results are compliant to License condition					



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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)	1149	kL/day			
		Volume (Min-Max)	764 - 1503	kL/day			
		Sampled date	31/03/2018				
	Summary						
	EPA 23-Environmental monitoring subsurface drainage sump at WWSD					none	Quarterly
		Lab report number					
		Sampled date	31/03/2018				
		Lab received date					
Report received date							
Summary							
No water sample available from this point sample point dry							



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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	
		Depth	3.70	m			
		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
		Depth	4.70	m			
		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	
		Depth	5.20	m			
		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
		Depth	5.20	m			
		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	
		Depth	6.50	m			
		Lab report number					
		Sampled date	31/03/2018				
		Lab received date					
		Report received date					
	<u>Summary</u>						
	EPA 30 - Groundwater monitoring point at Apps/Ubrihien farm south					none	Quarterly
		Depth	6.05	m			
		Lab report number					
		Sampled date	31/03/2018				
		Lab received date					
Report received date							
<u>Summary</u>							



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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
		Depth	7.25	m		
		Lab report number				
		Sampled date	31/03/2018			
		Lab received date				
		Report received date				
		<u>Summary</u>				



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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	2700	mg/L		
		Conductivity	4126	µS/cm		
		Faecal coliforms	30625000	cfu/100 ml		
		Nitrate	1	mg/L		
		Nitrogen (total)	160	mg/L		
		Phosphorus (total)	42	mg/L		
		Sodium	890	mg/L		
		Sodium adsorption ratio	29			
		Total suspended solids	960	mg/L		
		PH	7.83			
		Lab report number	N074684			
		Sampled date	31/03/2018			
		Lab received date	4/04/2018			
		Report received date	13/04/2018			
<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	31/03/2018			
		Lab received date				
		Report received date				
		<p><u>Summary</u></p> <p>No wastewater utilized for irrigation from this sample point in March 2018</p>				



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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