

Environment Monitoring Report

May 2019

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				0.35 g/m3	Yearly
	monitoring, back up boiler PPU	Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary				
	EPA 22-Air emissions	Testing is conducted yearly	and is not required this i	month	0.35 g/m3	Yearly
	monitoring, main boiler PPU	Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Summary				
		Testing is conducted yearly	and is not required this i	month		



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Air	EPA 24 - Air emissions				0.35 g/m3	Yearly
	monitoring, gas boiler stack DPU	Lab report number				T
	DI O	Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
	EPA 7- Air emissions	Testing is conducted yearly	and is not required this i	month	0.25 g/m3	Yearly
	monitoring, DPU boiler Stack	Lab report number				r
		Sampled date				
		Lab received date				
		Report received date				
		Summary Testing is conducted yearly	and is not required this i	month		



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Air	EPA 8-Air emissions monitoring, Whey plant stack				0.25 g/m3	Special frequency 2
	DPU	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
Noise	L3.2 - Noise emissions during night time (10pm to 7am) at the most affected residential				LA10(15 minutes) 45dB (A)	Yearly
	property	Lab report number				
		Sampled date				
		Report received date				
	L3.3 - Noise emissions during day time at the most affected	Testing is conducted yearly	and is not required this i	HOHUI	LA1(15 minute) 53 dB	Yearly
	residential property				(A)	
		Lab report number		ļ		
		Sampled date	· · · · · · · · · · · · · · · · · · ·			
		Report received date				
		Summary Testing is conducted yearly	and is not required this I	month		



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
	from DPII to utilisation areas -				none	Daily
		Irrigation Days	31	:		
	Storage Dam, Angeldale Apps	Volume (Average)	1291	kL/day		
	Farm West, Apps Farm East,	Volume (Min-Max)	507 - 1490	kL/day		
	Apps Flat, Rockleigh, Ubrihien & Factory Flats	Sampled date	31/05/2019			
	EPA 23-Environmental monitoring subsurface drainage	Lab report number			none	Quarterly
	sump at WWSD	Sampled date	31/05/2019			-
		Lab received date				
		Report received date				
		Summary No sample available from sa	ample point for May 201	.9		



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	Water & Land EPA 25 - 'Control' Groundwater monitoring point at corner of Daisy Hill & Buckajo Rd				none	Quarterly
		Depth	2.70	m		
		Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		Testing is conducted quarte	erly and is not required th	nis month	2000	Quantanh
	EPA 26 - Groundwater monitoring point at 'The Ranch'	Donath	4.20		none	Quarterly
	fenceline	Depth	4.30	m		
		Lab report number				-
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarto	erly and is not required th	nis month		

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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	Vater & 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				
	EPA 28 - Groundwater				none	Quarterly
	monitoring point at Apps Farm	Depth	5.10	m		
	near bridge	Lab report number				
		Sampled date		i		-
		Lab received date	1	i		-
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarte	erly and is not required th	is month		



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 29 - Groundwater				none	Quarterly
	monitoring point at Apps Farm, east river flats	Depth	6.50	m		
	cust river rides	Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted quarte	erry and is not required tr	113 111011111		
	EPA 30 - Groundwater	resting is conducted quart	erry and is not required to	is month	none	Quarterly
	monitoring point at	Depth	7.58	m	none	Quarterly
					none	Quarterly
	monitoring point at	Depth			none	Quarterly
	monitoring point at	Depth Lab report number			none	Quarterly
	monitoring point at	Depth Lab report number Sampled date			none	Quarterly
	monitoring point at	Depth Lab report number Sampled date Lab received date			none	Quarterly



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ndwater rihien Depth Lab report number	7.10	m	none	Quarterly
Deptn	7.10	m		T
Lab report number				į
Sampled date	· · · · · · · · · · · · · · · · · · ·			
Lab received date				
Report received date				
<u>Summary</u>				
Testing is conducted quarte	rly and is not required th	nis month		
	Lab received date Report received date Summary	Lab received date Report received date Summary	Lab received date Report received date	Lab received date Report received date Summary



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 5-Effluent quality				none	Monthly
	monitoring, DPU holding tanks 1 & 2	Biochemical oxygen demand	2500	mg/L		T
		Conductivity	3333	μS/cm		
		Faecal coliforms	1600000	cfu/100 ml		
		Nitrate	5.8	mg/L		
		Nitrogen (total)	190	mg/L		
		Phosphorus (total)	40	mg/L		
		Sodium	820	mg/L		
		Sodium adsorption ratio	23			
		Total suspended solids	760	mg/L		
		PH	8.01			
		Lab report number	N082961			
		Sampled date	31/05/2019			
		Lab received date	4/06/2019			
		Report received date	14/06/2019			
		Summary				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 6-Effluent quality & discharge volume monitoring				none	Special frequency 1
	from WWSD holding tank to utilisation areas 'The Ranch'	Lab report number				
	and 'Grevillea'	Sampled date	31/05/2019			
		Lab received date				
		Report received date				
		Summary No Irrigation from this sample	point for May 2019			



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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