



January 2015

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

Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
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				
	<u>Summary</u>				
EPA 22-Air emissions monitoring, main boiler PPU				0.35 g/m3	Yearly
	Lab report number				
	Sampled date				
	Lab received date	· · · · · · · · · · · · · · · · · · ·			
	Report received date	· · · · · · · · · · · · · · · · · · ·			
	<u>Summary</u>				
	Testing is conducted yearly	and is not required this r	month		
	EPA 12-Air emissions monitoring, back up boiler PPU EPA 22-Air emissions	EPA 12-Air emissions monitoring, back up boiler PPULab report numberLab received dateSampled dateLab received dateReport received dateSummaryTesting is conducted yearlyEPA 22-Air emissions monitoring, main boiler PPULab report numberSampled dateLab report numberLab report numberSampled dateLab report numberSampled dateLab report numberSampled dateLab report numberSampled dateLab received dateSampled dateLab received dateSammarySummarySammarySummarySammarySampled dateSampled dateLab received d	EPA 12-Air emissions Lab report number monitoring, back up boiler PPU Lab report number Sampled date Lab received date Lab received date Report received date Summary Testing is conducted yearly and is not required this report number EPA 22-Air emissions Lab report number monitoring, main boiler PPU Lab report number Sampled date Lab received date Lab received date Eport received date Sampled date Lab received date Lab received date Eport received date Lab received date Eport received date Lab received date Eport received date Summary Eport received date Summary Eport received date Eport received date Eport received date Eport received d	EPA 12-Air emissions Lab report number Monitoring, back up boiler PPU Lab report number Sampled date Lab received date Lab received date Report received date Summary Testing is conducted yearly and is not required this month EPA 22-Air emissions Lab report number monitoring, main boiler PPU Lab report number Sampled date Lab report number Sampled date Lab report number Sampled date Lab report number Beport received date Lab report number Sampled date Lab received date Lab received date Report received date Lab received date Report received date	EPA 12-Air emissions 0.35 g/m3 monitoring, back up boiler PPU Lab report number Sampled date Lab received date Lab received date Image: Comparison of the compari





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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				
		<u>Summary</u>				
	EPA 7- Air emissions	Testing is conducted yearly		ΠΟΠΩΠ	0.25 g/m3	Yearly
	monitoring, DPU boiler Stack	Lab report number				
		Sampled date				
		Lab received date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted yearly	and is not required this r	nonth		





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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
	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	l is not required this	month			



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
	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 a	nd is not required this r	nonth		



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wontoning type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 1 – Volume monitoring from DPU to utilisation areas - The Ranch, Wet Weather				none	Daily
		Irrigation Days	31	· · · · · · · · · · · · · · · · · · ·		
	Storage Dam, Angeldale Apps	Volume (Average)	1461	kL/day		
	Farm West, Apps Farm East,	Volume (Min-Max)	1017 - 1587	kL/day		
	Apps Flat, Rockleigh, Ubrihien & Factory Flats	Sampled date	31/01/2015			
		<u>Summary</u>				
	EPA 23-Environmental				none	Quarterly
	monitoring subsurface drainage sump at WWSD	Biochemical oxygen demand	5	mg/L		
		Conductivity	910	μS/cm		
		Nitrate	1.9	mg/L		
		РН	6.2			
				······································		
		Lab report number	N051175			
		Lab report number Sampled date	N051175 15/01/2015			
		· · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		-
		Sampled date	15/01/2015			





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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 25 - 'Control' Groundwater				none	Quarterly
	monitoring point at corner of Daisy Hill & Buckajo Rd	Conductivity	870	μS/cm		
		Depth	1.05	m		
		Nitrate	7.7	mg/L		
		Nitrogen (total)	9.2	mg/L		
		Phosphorus (total)	0.09	mg/L		
		PH	6.6			
		Available phophorus	0.004	mg/L		
		Lab report number	N051296			
		Sampled date	15/01/2015			
		Lab received date	16/01/2015			
		Report received date	29/01/2015			
		<u>Summary</u>				



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 26 - Groundwater				none	Quarterly
monitoring point at 'The fenceline	monitoring point at 'The Ranch'	Conductivity	1200	μS/cm		
	Tencenne	Depth	2.90	m		
		Nitrate	0.15	mg/L		
		Nitrogen (total)	0.47	mg/L		
		Phosphorus (total)	0.055	mg/L		
		РН	6.6			
		Available phophorus	0.004	mg/L		
		Lab report number	N051296			
		Sampled date	15/01/2015			
		Lab received date	16/01/2015			
		Report received date	29/01/2015			
		<u>Summary</u>				



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EPA Licence number: 1511

PA 27 - Groundwater nonitoring point at Bega River rossing, Factory Flats	Conductivity Depth	910 3.95	μS/cm	none	Quarterly
		· ·	μS/cm		1
	Depth	3 05	Y		
		5.55	m		
	Nitrate	3.7	mg/L		
	Nitrogen (total)	4.3	mg/L		
	Phosphorus (total)	0.004	mg/L		
	PH	6.4			
	Available phophorus	0.018	mg/L		
	Lab report number	N051296			
	Sampled date	15/01/2015			
	Lab received date	16/01/2015			
	Report received date	22/01/2015			
	<u>Summary</u>				
		Phosphorus (total) PH Available phophorus Lab report number Sampled date Lab received date Report received date	Phosphorus (total)0.004PH6.4Available phophorus0.018Lab report numberN051296Sampled date15/01/2015Lab received date16/01/2015Report received date22/01/2015	Phosphorus (total)0.004mg/LPH6.4Available phophorus0.018mg/LLab report numberN051296Sampled date15/01/2015Lab received date16/01/2015Report received date22/01/2015	Phosphorus (total)0.004mg/LPH6.4Available phophorus0.018mg/LLab report numberN051296Sampled date15/01/2015Lab received date16/01/2015Report received date22/01/2015



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EPA Licence number: 1511

Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 28 - Groundwater				none	Quarterly
monitoring point at Apps Farm near bridge	Conductivity	1400	μS/cm			
		Depth	3.95	m		
		Nitrate	0.3	mg/L		
		Nitrogen (total)	2.2	mg/L		
		Phosphorus (total)	0.046	mg/L		
		PH	6.7			
		Available phophorus	0.004	mg/L		
		Lab report number	N051296			
		Sampled date	15/01/2015			
		Lab received date	16/01/2015			
		Report received date	29/01/2015			
		<u>Summary</u>				



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EPA Licence number: 1511

Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 29 - Groundwater				none	Quarterly
monitoring point at Apps Farm, east river flats	Conductivity	870	μS/cm			
		Depth	4.80	m		
		Nitrate	0.01	mg/L		
		Nitrogen (total)	0.97	mg/L		
		Phosphorus (total)	0.075	mg/L		
		РН	6.4			
		Available phophorus	0.004	mg/L		
		Lab report number	N051296			
		Sampled date	15/01/2015			
		Lab received date	16/01/2015			
		Report received date	29/01/2015			
		<u>Summary</u>				



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EPA Licence number: 1511

Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 30 - Groundwater				none	Quarterly
	monitoring point at Apps/Ubrihien farm south	Conductivity	340	μS/cm		
	Apps/oblimentarin south	Depth	4.15	m		
		Nitrate	0.77	mg/L		
		Nitrogen (total)	1.9	mg/L		
		Phosphorus (total)	0.053	mg/L		
		РН	6.6			
		Available phophorus	0.004	mg/L		
		Lab report number	N051296			
		Sampled date	15/01/2015			
		Lab received date	16/01/2015			
		Report received date	29/01/2015			
		<u>Summary</u>				



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EPA Licence number: 1511

Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 31 - 'Control' Groundwater				none	Quarterly
	monitoring point at Ubrihien farm west	Conductivity	950	μS/cm		
		Depth	5.20	m		
		Nitrate	1.7	mg/L		
		Nitrogen (total)	2.1	mg/L		
		Phosphorus (total)	0.037	mg/L		
		РН	5.9			
		Available phophorus	0.037	mg/L		
		Lab report number	N051296			
		Sampled date	15/01/2015			
		Lab received date	16/01/2015			
		Report received date	29/01/2015			
		<u>Summary</u>				

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Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
EPA 5-Effluent quality monitoring, DPU holding tanks 1 & 2				none	Monthly
	Biochemical oxygen demand	2100	mg/L		
	Conductivity	2679	μS/cm		
	Faecal coliforms	4100000	cfu/100 ml		
	Nitrate	0.15	mg/L		
	Nitrogen (total)	130	mg/L		
	Phosphorus (total)	39	mg/L		
	Sodium	590	mg/L		
	Sodium adsorption ratio	18			
	Total suspended solids	700	mg/L		
	PH	5.47			
	Irrigation Days	31			
	Volume (Average)	1425	kL/day		
	Volume (Min-Max)	1017 - 1425	kL/day		
	Lab report number	N051587			
	Sampled date	31/01/2015			
	Lab received date	3/02/2015			
	Report received date	16/02/2015			
	<u>Summary</u>				
	monitoring, DPU holding tanks	EPA 5-Effluent quality monitoring, DPU holding tanks 1 & 2 Biochemical oxygen demand Conductivity Faecal coliforms Nitrate Nitrogen (total) Phosphorus (total) Sodium Sodium adsorption ratio Total suspended solids PH Irrigation Days Volume (Average) Volume (Min-Max) Lab report number Sampled date Lab received date	EPA 5-Effluent quality monitoring, DPU holding tanks 1 & 2Biochemical oxygen demand21001 & 2Conductivity2679Faecal coliforms4100000Nitrate0.15Nitrogen (total)130Phosphorus (total)39Sodium590Sodium adsorption ratio18Total suspended solids700PH5.47Irrigation Days31Volume (Average)1425Volume (Min-Max)1017 - 1425Lab report numberN051587Sampled date31/01/2015Lab received date3/02/2015Report received date16/02/2015	EPA 5-Effluent quality monitoring, DPU holding tanks 1 & 2Biochemical oxygen demand2100mg/LBiochemical oxygen demand2100mg/LConductivity2679µS/cmFaecal coliforms4100000cfu/100 mlNitrate0.15mg/LNitrogen (total)130mg/LPhosphorus (total)39mg/LSodium590mg/LSodium adsorption ratio18Total suspended solids700mg/LPH5.47Irrigation Days31Volume (Average)1425kL/dayVolume (Min-Max)1017 - 1425kL/dayLab report numberN051587	EPA 5-Effluent quality monitoring, DPU holding tanks 1 & 2Image: constraint of the second secon





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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
di fr ut	EPA 6-Effluent quality & discharge volume monitoring from WWSD holding tank to utilisation areas 'The Ranch' and 'Grevillea'				none	Special frequency 1
		Biochemical oxygen demand	1000	mg/L		
		Conductivity	3500	μS/cm		
		Faecal coliforms	3000000	cfu/100 ml		
		Nitrate	1	mg/L		
		Nitrogen (total)	130	mg/L		
		Phosphorus (total)	32	mg/L		
		Sodium	350	mg/L		
		Sodium adsorption ratio	17			
		Total suspended solids	120	mg/L		
		РН	6.2			
		Lab report number	N051200			
		Sampled date	14/01/2015			
		Lab received date	15/01/2015			
		Report received date	23/01/2015			
		Summary				



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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		