



July 2015

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				
		<u>Summary</u>				
	EPA 22-Air emissions monitoring, main boiler PPU	Testing is conducted yearly a			0.35 g/m3	Yearly
		Lab report number				
		Sampled date	· · · · · · · · · · · · · · · · · · ·			
		Lab received date				
		Report received date				
		Summary Testing is conducted yearly a	and is not required this r	nonth		





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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 monitoring, DPU boiler Stack	Testing is conducted yearly	and is not required this r	nontn	0.25 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	nonth		



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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Air EPA 8-Air emissions monitoring, Whey plant DPU	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		



EPA Licence number: 1511

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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				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 residential property	Testing is conducted yearly a			LA1(15 minute) 53 dB	Yearly
					(A)	
		Lab report number				
		Sampled date				
		Report received date				
		<u>Summary</u>				
		Testing is conducted yearly a	nd is not required this r	month		



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from DPU to utilisation areas The Ranch, Wet Weather Storage Dam, Angeldale Apps Farm West, Apps Farm East, Apps Flat, Rockleigh, Ubrihien & Factory FlatsIrrigation Days20EPA 23-Environmental monitoring subsurface drainage sump at WWSDImage: Conductivity Nitrate1173kL/dayImage: Conductivity NitrateImage: Conduct	Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
The Ranch, Wet Weather Storage Dam, Angeldale Apps Farm West, Apps Farm East, Apps Flat, Rockleigh, Ubrihien & Factory FlatsIrrigation Days20EPA 23-Environmental monitoring subsurface drainage sump at WWSDSampled date31/07/2015Image: Construction of the second se	Water & Land	0				none	Daily
Storage Dam, Angeldale Apps Farm West, Apps Farm East, Apps Flat, Rockleigh, Ubrihien & Factory FlatsVolume (Average)1173kL/dayEPA 23-Environmental monitoring subsurface drainage sump at WWSDEiochemical oxygen demand5mg/LQuaBiochemical oxygen demand5mg/LMitrate1.6mg/LMitrateMitratePH6.1Lab report numberN054714Lab report numberN054714Lab report numberLab report number			Irrigation Days	20	· · · · · · · · · · · · · · · · · · ·		1
Farm West, Apps Farm East, Apps Flat, Rockleigh, Ubrihien & Factory FlatsVolume (Min-Max)23.5 - 1627kL/daySampled date31/07/201531/07/2015Sampled date31/07/2015Sampled dateSummaryEPA 23-Environmental monitoring subsurface drainage sump at WWSDImage: Sampled dateImage: Sampled dateImage: Sampled dateImage: Sampled dateBiochemical oxygen demand5mg/LImage: Sampled dateImage: Sampled dateImage: Sampled dateH6.1Image: Sampled dateImage: Sampled dateImage: Sampled dateImage: Sampled datePH6.1Image: Sampled dateImage: Sampled dateEPA 23-Environmental monitoring subsurface drainage sump at WWSDImage: Sampled dateImage: Sampled dateImage: Sampled dateImage: Sampled dateBiochemical oxygen demand5mg/LImage: Sampled dateImage: Sampled date </td <td rowspan="2"></td> <td rowspan="4">Storage Dam, Angeldale Apps Farm West, Apps Farm East, Apps Flat, Rockleigh, Ubrihien & Factory Flats</td> <td>Volume (Average)</td> <td>1173</td> <td>kL/day</td> <td></td> <td></td>		Storage Dam, Angeldale Apps Farm West, Apps Farm East, Apps Flat, Rockleigh, Ubrihien & Factory Flats	Volume (Average)	1173	kL/day		
& Factory FlatsSampled date31/07/2015SummaryEPA 23-Environmental monitoring subsurface drainage sump at WWSDImage: SummaryImage: SummaryBiochemical oxygen demand Conductivity5mg/LImage: SummaryNitrate1.6mg/LImage: SummaryNitrate1.6mg/LImage: SummaryPH6.1Image: SummaryImage: SummaryLab report numberN054714Image: Summary			Volume (Min-Max)	23.5 - 1627	kL/day		
SummaryEPA 23-Environmental monitoring subsurface drainage sump at WWSDImage: Conductivity modelImage: Conductivity			Sampled date	31/07/2015			
monitoring subsurface drainage sump at WWSD Biochemical oxygen demand 5 mg/L Conductivity 1200 µS/cm Nitrate 1.6 mg/L PH 6.1 Lab report number N054714 [1]			<u>Summary</u>				
monitoring subsurface drainage sump at WWSDBiochemical oxygen demand5mg/LConductivity1200μS/cmNitrate1.6mg/LPH6.11000000000000000000000000000000000000							
monitoring subsurface drainage sump at WWSD Biochemical oxygen demand 5 mg/L Conductivity 1200 µS/cm Nitrate 1.6 mg/L PH 6.1 Lab report number N054714 [1]							
sump at WWSDBiochemical oxygen demandSHig/LConductivity1200μS/cmNitrate1.6mg/LPH6.11000000000000000000000000000000000000						none	Quarterly
Conductivity1200μS/cmNitrate1.6mg/LPH6.1Lab report numberN054714			Biochemical oxygen demand	5	mg/L		_
PH 6.1 Lab report number N054714			Conductivity	1200	μS/cm		
Lab report number N054714			Nitrate	1.6	mg/L		
			PH	6.1			
Sampled data 20/07/2015			Lab report number	N054714			
Sampled date 20/07/2015			Sampled date	20/07/2015			
Lab received date 22/07/2015			Lab received date	22/07/2015			
Report received date 30/07/2015			Report received date	30/07/2015			
Summary			<u>Summary</u>				





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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 Daisy Hill & Buckajo Rd	monitoring point at corner of	Conductivity	840	μS/cm		
		Depth	1.20	m		
		Nitrate	11	mg/L		
		Nitrogen (total)	12	mg/L		
		Phosphorus (total)	0.023	mg/L		
		PH	6.5			
		Available phophorus	0.004	mg/L		
		Lab report number	N054756			
		Sampled date	20/07/2015			
		Lab received date	22/07/2015			
		Report received date	31/07/2015			
		<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 Ranch' fenceline	Conductivity	1200	μS/cm		
	Tencenne	Depth	3.30	m		
		Nitrate	0.61	mg/L		
		Nitrogen (total)	1.1	mg/L		
		Phosphorus (total)	0.03	mg/L		
		РН	6.6			
		Available phophorus	0.004	mg/L		
		Lab report number	N054756			
		Sampled date	20/07/2015			
		Lab received date	22/07/2015			
		Report received date	31/07/2015			
		<u>Summary</u>				





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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 27 - Groundwater				none	Quarterly
	monitoring point at Bega River crossing, Factory Flats	Conductivity	800	μS/cm		
		Depth	4.50	m		
		Nitrate	0.25	mg/L		
		Nitrogen (total)	0.66	mg/L		
		Phosphorus (total)	0.013	mg/L		
		РН	6.4			
		Available phophorus	0.004	mg/L		
		Lab report number	N054756			
		Sampled date	20/07/2015			
		Lab received date	22/07/2015			
		Report received date	31/07/2015			
		<u>Summary</u>				





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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 28 - Groundwater				none	Quarterly
	monitoring point at Apps Farm near bridge	Conductivity	1100	μS/cm		
		Depth	4.30	m		
		Nitrate	0.03	mg/L		
		Nitrogen (total)	1.1	mg/L		
		Phosphorus (total)	0.031	mg/L		
		PH	6.6			
		Available phophorus	0.004	mg/L		
		Lab report number	N054756			
		Sampled date	20/07/2015			
		Lab received date	22/07/2015			
		Report received date	31/07/2015			
		<u>Summary</u>				





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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	Conductivity	1900	μS/cm		
		Depth	5.10	m		
		Nitrate	0.02	mg/L		
		Nitrogen (total)	1.6	mg/L		
		Phosphorus (total)	0.007	mg/L		
		PH	6.2			
		Available phophorus	0.004	mg/L		
		Lab report number	N054756			
		Sampled date	20/07/2015			
		Lab received date	22/07/2015			
		Report received date	31/07/2015			
		<u>Summary</u>				





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Monitoring Type	Monitoring Point	Pollutant	Measurements	Unit	Limit	Frequency
Water & Land	EPA 30 - Groundwater monitoring point at Apps/Ubrihien farm south				none	Quarterly
		Conductivity	200	μS/cm		
	Apps/obninen farm south	Depth	4.85	m		
		Nitrate	0.01	mg/L		
		Nitrogen (total)	0.87	mg/L		
		Phosphorus (total)	0.34	mg/L		
		РН	6.5			
		Available phophorus	0.005	mg/L		
		Lab report number	N054756			
		Sampled date	20/07/2015			
		Lab received date	22/07/2015			
		Report received date	31/07/2015			
		<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
		Conductivity	1000	μS/cm		
		Depth	5.80	m		
		Nitrate	1.9	mg/L		
		Nitrogen (total)	2.4	mg/L		
		Phosphorus (total)	0.013	mg/L		
		РН	5.8			
		Available phophorus	0.004	mg/L		
		Lab report number	N054756			
		Sampled date	20/07/2015			
		Lab received date	22/07/2015			
		Report received date	31/07/2015			
		<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	1200	mg/L		
		Conductivity	2144	μS/cm		
		Faecal coliforms	41000000	cfu/100 ml		
		Nitrate	1	mg/L		
		Nitrogen (total)	110	mg/L		
		Phosphorus (total)	38	mg/L		
		Sodium	530	mg/L		
		Sodium adsorption ratio	17			
		Total suspended solids	490	mg/L		
		РН	7.59			
		Lab report number	N054937			
		Sampled date	31/07/2015			
		Lab received date	4/08/2015			
		Report received date	13/08/2015			
		<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
		Biochemical oxygen demand	1200	mg/L		
		Faecal coliforms	41000	cfu/100 ml		
		Nitrate	1	mg/L		
		Nitrogen (total)	130	mg/L		
		Phosphorus (total)	42	mg/L		
		Total suspended solids	270	mg/L		
		РН	5.7			
		Irrigation Days	17			
		Volume (Average)	462253	kL/day		
		Volume (Min-Max)	48300 - 1272800	kL/day		
		Lab report number	N054865			
		Sampled date	28/07/2015			
		Lab received date	29/07/2015			
		Report received date	10/08/2015			
		<u>Summary</u> Conductivity, Sodium, Sodium	Adsorption ratio res	ults not availab	le	



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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	cy 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	