

SUMMARY OF SUNRICE ENVIRONMENTAL MONITORING DATA June 2022 to May 2023

	Licence Number 1830	LEETON RICE	MILL, CALROSE ST	REET LEETON	NSW 2705				
Monitoring Point	Pollutant	Units	100 percentile Concentration Limit		No of Samples Required	No of Samples Collected	Min Result	Average Result	Max Resul
36†	Phosphine	mg/m3	27		235	235	0.0	0.2	11.4
	Carbon Dioxide	%					5.0	5.8	10.0
	Dry gas density	kg/m3		Continuous			1.1	1.2	1.3
	Moisture [†]	%		During			0.0	0.1	0.8
	Molecular weight of stack gases	g/gram mole		Discharge			28.0	28.7	28.9
	Temperature	Degrees C		-			3.9	20.7	43.5
	Velocity	m/s					0.0	14.6	35.5
	Volumetric flow rate	m3/s					0.0	0.5	1.1
37	Phosphine	mg/m3	29	Annually	24	24	0.1	0.2	0.8
	Carbon Dioxide	%		Annually			4.0	10.3	20.0
	Dry gas density	kg/m3		Annually			1.2	1.2	1.3
	Moisture	%		Annually			4.3	4.5	4.7
	Molecular weight of stack gases	g/gram mole		Annually			29.8	30.6	31.6
	Temperature	Degrees C		Annually			5.4	6.1	6.7
	Velocity	m/s		Annually			9.8	15.9	21.9
	Volumetric flow rate	m3/s		Annually			1.1	1.8	2.5
38	Phosphine Carls an Disuida	mg/m3	29	Annually	7	7	0.1	0.2	1.4
	Carbon Dioxide	% has (as 2		Annually			10.0	10.0	10.0
	Dry gas density	kg/m3		Annually			1.2	1.2	1.2
	Moisture	%		Annually			4.6	4.8	4.9
	Molecular weight of stack gases	g/gram mole		Annually			29.9	30.3	31.2
	Temperature	Degrees C		Annually			6.4	6.9	7.3
	Velocity	m/s		Annually			10.6	17.3	21.2
	Volumetric flow rate	m3/s		Annually			1.2	2.0	2.4
39	Phosphine	mg/m3	12	Annually	4	4	0.1	0.3	1.9
	Carbon Dioxide	% has (as 2		Annually			0.0	6.0	10.
	Dry gas density	kg/m3		Annually			1.2	1.2	1.2
	Moisture	%		Annually			1.5	3.1	4.0
	Molecular weight of stack gases	g/gram mole		Annually			28.8	28.8	28.
	Temperature	Degrees C		Annually			8.0	14.5	17.
	Velocity	m/s		Annually			4.4	5.8	6.6
	Volumetric flow rate	m3/s	10	Annually			0.6	0.7	0.8
40	Phosphine Carls an Disuida	mg/m3	10	Annually	10	10	0.0	0.0	0.2
	Carbon Dioxide	% ka (m 2		Annually			0.0	10.7	20.
	Dry gas density	kg/m3 %		Annually			1.2 1.7	1.2 4.5	1.2
410	Moisture Molecular weight of stack gases			Annually Annually			28.8	4.5 28.9	5.9 28.9
	Molecular weight of stack gases	g/gram mole							
	Temperature	Degrees C		Annually			13.3	21.1	23.
	Velocity	m/s		Annually			5.3 0.9	5.6 0.9	6.2 1.0
	Volumetric flow rate Phosphine	m3/s mg/m3	9	Annually Annually	1	0	0.9	0.9	1.0
41^	Carbon Dioxide	111g/1115 %	9	Annually	1	0			
	Dry gas density	kg/m3		Annually					
	Moisture	%		Annually					
	Molecular weight of stack gases	g/gram mole		Annually					
	Temperature	Degrees C		Annually					
	Velocity	m/s		Annually					
	Volumetric flow rate	m3/s		Annually					
42^	Phosphine	mg/m3	8	Annually	1	0			
42	Carbon Dioxide	%	0	Annually	-	0			
	Dry gas density	kg/m3		Annually					
	Moisture	%		Annually					
	Molecular weight of stack gases	g/gram mole		Annually					
	Temperature	Degrees C		Annually					
	Velocity	m/s		Annually					
	Volumetric flow rate	m3/s		Annually					
43^	Phosphine	mg/m3	8	Annually	1	0			
	Carbon Dioxide	%		Annually					
	Dry gas density	kg/m3		Annually					
	Moisture	%		Annually					
	Molecular weight of stack gases	g/gram mole		Annually					
	Temperature	Degrees C		Annually					
	Velocity	m/s		Annually					
	Volumetric flow rate	m3/s		Annually					

2^ Phos Carbo Dry g Mois Mole Temp Veloo Volur 3^ Phos Carbo Dry g Mois Mole Temp Veloo Volur 4^ Phos	umetric flow rate sphine bon Dioxide gas density isture lecular weight of stack gases operature pocity	mg/m3 mg/m3 % kg/m3 % g/gram mole Degrees C m/s m3/s mg/m3 % kg/m3 % g/gram mole Degrees C	0.35 29 29 29	Annually Annually Annually Annually Annually Annually Annually Annually Annually Annually Annually Annually Annually	1	1 0 0	0.00	0.00	0.00
Carbo Dry g Mois Mole Temp Veloc Volur 3^ Phos Carbo Dry g Mois Mole Temp Veloc Volur 4^ Phos	bon Dioxide gas density isture lecular weight of stack gases operature ocity umetric flow rate isphine bon Dioxide gas density isture lecular weight of stack gases operature ocity	% kg/m3 % g/gram mole Degrees C m/s m3/s mg/m3 % kg/m3 % g/gram mole Degrees C		Annually Annually Annually Annually Annually Annually Annually Annually Annually Annually Annually					
Dry g Mois Mole Temp Veloc Volur 3^ Phos Carbo Dry g Mois Mole Temp Veloc Volur 4^ Phos	gas density isture lecular weight of stack gases operature ocity umetric flow rate sphine bon Dioxide gas density isture lecular weight of stack gases operature ocity	kg/m3 % g/gram mole Degrees C m/s m3/s mg/m3 % kg/m3 % g/gram mole Degrees C	29	Annually Annually Annually Annually Annually Annually Annually Annually Annually Annually	1	0			
Anois Mois Mois Nole Volur 3^ Phos Carbo Dry g Mois Mole Temp Veloo Volur 4^ Phos	isture lecular weight of stack gases operature ocity umetric flow rate sphine bon Dioxide gas density isture lecular weight of stack gases operature ocity	% g/gram mole Degrees C m/s m3/s mg/m3 % kg/m3 % g/gram mole Degrees C	29	Annually Annually Annually Annually Annually Annually Annually Annually Annually Annually	1	0			
Mole Temp Veloc Volur 3^ Phos Carbo Dry g Mois Mole Temp Veloc Volur 4^ Phos	lecular weight of stack gases nperature bocity umetric flow rate isphine bon Dioxide gas density isture lecular weight of stack gases nperature bocity	g/gram mole Degrees C m/s m3/s mg/m3 % kg/m3 % g/gram mole Degrees C	29	Annually Annually Annually Annually Annually Annually Annually Annually Annually	1	0			
Temp Veloc Volur 3^ Phos Carbo Dry g Mois Mole Temp Veloc Volur 4^ Phos	nperature ocity umetric flow rate isphine bon Dioxide gas density isture lecular weight of stack gases nperature ocity	Degrees C m/s m3/s mg/m3 % kg/m3 % g/gram mole Degrees C	29	Annually Annually Annually Annually Annually Annually Annually Annually	1	0			
3^ Phos Carbo Dry g Mois Mole Temp Veloo Volur 4^ Phos	ocity umetric flow rate sphine bon Dioxide gas density isture lecular weight of stack gases operature pocity	m/s m3/s mg/m3 % kg/m3 % g/gram mole Degrees C	29	Annually Annually Annually Annually Annually Annually Annually	1	0			
Volur 3^ Phos Carbo Dry g Mois Mole Temp Veloc Volur 4^ Phos	umetric flow rate sphine bon Dioxide gas density isture lecular weight of stack gases operature pocity	m3/s mg/m3 % kg/m3 % g/gram mole Degrees C	29	Annually Annually Annually Annually Annually Annually	1	0			
3^ Phos Carbo Dry g Mois Mole Temp Veloc Volur 4^ Phos	sphine bon Dioxide gas density isture lecular weight of stack gases nperature pocity	mg/m3 % kg/m3 % g/gram mole Degrees C	29	Annually Annually Annually Annually Annually	1	0			
Carbo Dry g Mois Mole Temp Veloc Volur 4^ Phos	bon Dioxide gas density isture lecular weight of stack gases nperature pocity	% kg/m3 % g/gram mole Degrees C	29	Annually Annually Annually Annually	1	0			
Dry g Mois Mole Temp Veloc Volur 4^ Phos	gas density isture lecular weight of stack gases nperature pocity	kg/m3 % g/gram mole Degrees C		Annually Annually Annually					
Mois Mole Temp Veloc Volur 4^ Phos	isture lecular weight of stack gases nperature pocity	% g/gram mole Degrees C		Annually Annually					
Mole Temp Veloc Volur 4^ Phos	lecular weight of stack gases nperature pocity	g/gram mole Degrees C		Annually					
Temp Veloc Volur 4^ Phos	nperature pocity	Degrees C							
Veloc Volur 4^ Phos	ocity	-							
Volur 4^ Phos	,	-		Annually					
4^ Phos		m/s		Annually					
	umetric flow rate	m3/s		Annually					
Carda	sphine	mg/m3	29	Annually	1	0			
Carbo	bon Dioxide	%		Annually					
Dry g	gas density	kg/m3		Annually					
Mois	isture	%		Annually					
Mole	lecular weight of stack gases	g/gram mole		Annually					
Temp	nperature	Degrees C		Annually					
Veloc	ocity	m/s		Annually					
Volur	umetric flow rate	m3/s		Annually					
5^ Phos	sphine	mg/m3	29	Annually	1	0			
Carbo	bon Dioxide	%		Annually					
Dry g	gas density	kg/m3		Annually					
Mois	isture	%		Annually					
Mole	lecular weight of stack gases	g/gram mole		Annually					
Temp	nperature	Degrees C		Annually					
Veloc	ocity	m/s		Annually					
Volur	umetric flow rate	m3/s		Annually					

	21645		56 QUIA ROAD GUNNEDAH rch 2022 to Feburary 2023	2380 NSW				
Monitoring Point	Pollutant	Units	Frequency	No of Samples Required	No of Samples Collected and Analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value
3*	Oil and Grease	mg/L	Special	4	1	<5	<5	<5
	рН	pН	Special	4	1	6.7	6.7	6.7
	Total Suspended Solids	mg/L	Special	4	1	1000	1000	1000