



## SUMMARY OF SUNRICE ENVIRONMENTAL MONITORING DATA

June 2023 to May 2024

Licence Number		LEETON RICE MILL, CALROSE STREET LEETON NSW 2705							
1830									
Monitoring Point	Pollutant	Units	100 percentile Concentration Limit	Frequency	No of Samples Required	No of Samples Collected	Min Result	Average Result	Max Result
36	Phosphine	mg/m3	27	Continuous During Discharge	327	327	0.0	0.3	17.1
	Carbon Dioxide	%					5.0	5.0	5.0
	Dry gas density	kg/m3					1.1	1.2	1.3
	Moisture	%					0.0	0.1	0.5
	Molecular weight of stack gases	g/gram mole					28.0	28.8	28.9
	Temperature	Degrees C					4.6	21.5	42.1
	Velocity	m/s					0.0	38.8	45.4
	Volumetric flow rate	m3/s					0.0	1.2	1.4
37 <sup>^</sup>	Phosphine	mg/m3	29	Annually	1	0			
	Carbon Dioxide	%							
	Dry gas density	kg/m3							
	Moisture	%							
	Molecular weight of stack gases	g/gram mole							
	Temperature	Degrees C							
	Velocity	m/s							
	Volumetric flow rate	m3/s							
38 <sup>^</sup>	Phosphine	mg/m3	29	Annually	1	0			
	Carbon Dioxide	%							
	Dry gas density	kg/m3							
	Moisture	%							
	Molecular weight of stack gases	g/gram mole							
	Temperature	Degrees C							
	Velocity	m/s							
	Volumetric flow rate	m3/s							
39 <sup>^</sup>	Phosphine	mg/m3	12	Annually	1	0			
	Carbon Dioxide	%							
	Dry gas density	kg/m3							
	Moisture	%							
	Molecular weight of stack gases	g/gram mole							
	Temperature	Degrees C							
	Velocity	m/s							
	Volumetric flow rate	m3/s							
40 <sup>^</sup>	Phosphine	mg/m3	10	Annually	1	0			
	Carbon Dioxide	%							
	Dry gas density	kg/m3							
	Moisture	%							
	Molecular weight of stack gases	g/gram mole							
	Temperature	Degrees C							
	Velocity	m/s							
	Volumetric flow rate	m3/s							
41 <sup>^</sup>	Phosphine	mg/m3	9	Annually	1	0			
	Carbon Dioxide	%							
	Dry gas density	kg/m3							
	Moisture	%							
	Molecular weight of stack gases	g/gram mole							
	Temperature	Degrees C							
	Velocity	m/s							
	Volumetric flow rate	m3/s							
42 <sup>^</sup>	Phosphine	mg/m3	8	Annually	1	0			
	Carbon Dioxide	%							
	Dry gas density	kg/m3							
	Moisture	%							
	Molecular weight of stack gases	g/gram mole							
	Temperature	Degrees C							
	Velocity	m/s							
	Volumetric flow rate	m3/s							
43 <sup>^</sup>	Phosphine	mg/m3	8	Annually	1	0			
	Carbon Dioxide	%							
	Dry gas density	kg/m3							
	Moisture	%							
	Molecular weight of stack gases	g/gram mole							
	Temperature	Degrees C							
	Velocity	m/s							
	Volumetric flow rate	m3/s							

Licence Number		DENILQUIN RICE MILL, SALE YARDS ROAD DENILQUIN NSW 2710							
1833									
Monitoring Point	Pollutant	Units	100 percentile Concentration Limit	Frequency	No of Samples Required	No of Samples Collected	Min Result	Average Result	Max Result
1	Methyl Bromide	mg/m3	0.35	Annually	1	1	0.00	0.00	0.00
2^	Phosphine	mg/m3	29	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					
3^	Phosphine	mg/m3	29	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					
4^	Phosphine	mg/m3	29	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					
5^	Phosphine	mg/m3	29	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					

^Failure of verification equipment noted in last annual return. New equipment has been purchased and installed. Equipment not validated at time of reporting.

Licence Number		Prydes Easifeed, 256 QUIA ROAD GUNNEDAH 2380 NSW							
21645		March 2022 to February 2023							
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	1	1	3.0	3.0	3.0	
	pH	pH	Special	1	1	8.4	8.4	8.4	
	Total Suspended Solids	mg/L	Special	1	1	<1	<1	<1	