EPL No:	12171
Entity Name:	Redlam Waste Service Pty Ltd
Site:	10-14 Industrial Drive, Unanderra
Frequency:	Annual
Link to NSW EPA Register:	Click Here

					Discharge Points				
					P1			P2	
Report Date	Sampled Date	Parameter	Assessment Criteria	Unit of Measure	Lowest Sample	Mean of samples	Highest Sample	Boiler Stack - low flue	Boiler Stack - high flue
9/09/2019	14/08/2019	Dry Gas density		kg /m3	1.2	1.2	1.2	112	2
		Moisture		percent	93	96	99	158	221.4
		Molecular weight of stack gases		grams per gram mole	29.2	29.2	29.2	0.82	0.71
		Nitrogen Oxide		mg /m3	N/A	N/A	N/A	44.3	46.1
		CO2		%	N/A	N/A	N/A	8.11	5.32
		CO		mg/m3	N/A	N/A	N/A	7.3	8.88
		Oxygen		%	N/A	N/A	N/A	82.3	85.6
		Temperature		Celsius	22	21.2	24.1	29.5	29.6
		Velocity		m / sec	7.5	11.4	16.5	0.049	0.049
		Volatile organic compounds	40	mg /m3	0	0	0	N/A	N/A
		Volumetric flowrate		m3 per second	1.5	2.2	3.2	8.9	6.8

					Discharge Points				
					P1			P2	
Report Date	Sampled Date	Parameter	Assessment Criteria	Unit of Measure	Lowest Sample	Mean of samples	Highest Sample	Boiler stack - low flue	Boiler stack - high flue
27/09/2018	7/09/2018	Dry Gas density		kg /m3	1.2	1.2	1.2	0.8	0.74
		Moisture		percent	93	96	99	5.4	4
		Molecular weight of stack gases		grams per gram mole	29.2	29.2	29.2	30.7	30.7
		Nitrogen Oxide		mg /m3	N/A	N/A	N/A	3.3	2.2
		CO2		%	N/A	N/A	N/A	11.9	11.9
		CO		mg/m3	N/A	N/A	N/A	20	8
		Oxygen		%	N/A	N/A	N/A	20.38	20.58
		Temperature		Celsius	22	23	24.1	168	207
		Velocity		m / sec	4.8	5	5.3	10.4	5.7
		Volatile organic compounds	40	mg /m3	21	24	26	N/A	N/A
		Volumetric flowrate		m3 per second	0.9	1	1	0.51	0.28

					Discharge Points				
					P1			P2	
Report Date	Sampled Date	Parameter	Assessment Criteria	Unit of Measure	Lowest Sample	Mean of samples	Highest Sample	Boiler stack - low flue	Boiler stack - high flue
25/11/2017	25/10/2017	Dry Gas density		kg /m3	1.2	1.2	1.2	0.8	0.74
		Moisture		percent	99	99	99	5.4	4
		Molecular weight of stack gases		grams per gram mole	29.2	29.2	29.2	30.7	30.7
		Nitrogen Oxide		mg /m3	N/A	N/A	N/A	3.3	2.2
		NOX @ 3% O2		mg /m3	N/A	N/A	N/A	5	3.3
		CO2		%	N/A	N/A	N/A	11.9	11.9
		CO		mg/m3	N/A	N/A	N/A	20	8
		Oxygen		%	N/A	N/A	N/A	20.38	20.58
		Temperature		Celsius	27	27.7	29.2	168	207
		Velocity		m / sec	5.7	6.1	6.3	10.4	5.7
		Volatile organic compounds	40	mg /m3	0	0	0	N/A	N/A
		Volumetric flowrate		m3 per second	1.1	1.2	1.2	0.51	0.28

					Discharge Points				
					P1			P2	
Report Date	Sampled Date	Parameter	Assessment Criteria	Unit of Measure	Lowest Sample	Mean of	Highest	Boiler stack - low flue	Boiler stack - high
16/11/2016	25/10/2016	Dry Gas density		kg /m3	1.2	1.2	1.2	0.79	0.73
		Moisture		percent	92	96	98	5.4	4
		Molecular weight of stack gases		grams per gram mole	29.2	29.2	29.2	29.4	29.4
		Nitrogen Oxide		mg /m3	N/A	N/A	N/A	42	48.9
		NOX @ 3% O2		mg /m3	N/A	N/A	N/A	63.4	73.9
		CO2		%	N/A	N/A	N/A	6.39	6.44
		CO		mg/m3	N/A	N/A	N/A	127	117
		Oxygen		%	N/A	N/A	N/A	9.71	9.61
		Temperature		Celsius	28.6	30.3	32.2	172	211
		Velocity		m / sec	11.7	12	12.6	11.3	4.7
		Volatile organic compounds	40	mg /m3	0.072	0.075	0.078	N/A	N/A
		Volumetric flowrate		m3 per second	2.3	2.4	2.5	0.554	0.231