

Pollutant Monitoring Results - Flare & Engine 2023



EPL No:	4068
Entity Name:	Elizabeth Drive Landfill
Site:	1725 Elizabeth Drive,
Monitoring Frequency:	Quarterly
Link to NSW EPA Register:	Click Here

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Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
GEN1	56	Dry gas density	kilograms per cubic metre	Frequency 3	2	1.3	1.3	1.3	-
		Hydrogen Sulfide	micrograms per cubic metre	Frequency 3	ND	ND	ND	ND	-
		Moisture	percent	Frequency 3	2	6.6	76.9	7.3	-
		Molecular weight of stack gases	grams per gram mole	Frequency 3	2	29.8	29.8	29.8	-
		Nitrogen Oxides	milligrams per cubic metre	Frequency 3	2	30	37	31	-
		Oxygen (O2)	percent	Frequency 3	2	10.9	11	11.1	-
		Sulfuric acid mist and sulfur trioxide (as SO3)	milligrams per cubic metre	Frequency 3	2	3.8	5.3	6.9	-
		Sulphur dioxide	milligrams per cubic metre	Frequency 3	ND	ND	ND	ND	-
		Temperature	degrees Celsius	Frequency 3	2	986	990	994	-
		Velocity	metres per second	Frequency 3	2	3.7	3.7	3.8	-
		volatile organic compounds as n-propane equivalent	milligrams per cubic metre	Frequency 3	ND	ND	ND	ND	-
		Volumetric flowrate	cubic metres per second	Frequency 3	2	872	882	892	-
Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
GEN2	57	Dry gas density	kilograms per cubic metre	Frequency 3	2	1.2	1.2	1.2	-
		Hydrogen Sulfide	micrograms per cubic metre	Frequency 3	ND	ND	ND	ND	-
		Moisture	percent	Frequency 3	2	5.4	5.5	5.7	-
		Molecular weight of stack gases	grams per gram mole	Frequency 3	2	29.7	29.7	29.7	-
		Nitrogen Oxides	milligrams per cubic metre	Frequency 3	2	50	53	56	-
		Oxygen (O2)	percent	Frequency 3	2	12	12	12	-
		Sulfuric acid mist and sulfur trioxide (as SO3)	milligrams per cubic metre	Frequency 3	2	4	4.6	5.2	-
		Sulphur dioxide	milligrams per cubic metre	Frequency 3	ND	ND	ND	ND	-
		Temperature	degrees Celsius	Frequency 3	2	826	830	834	-
		Velocity	metres per second	Frequency 3	2	2.6	2.6	2.7	-
		volatile organic compounds as n-propane equivalent	milligrams per cubic metre	Frequency 3	ND	ND	ND	ND	-
		Volumetric flowrate	cubic metres per second	Frequency 3	2	451	457	463	-
Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
FLR1	58	Temperature	degrees Celsius	1	35283	0	914	1012	-
		Volumetric flowrate	cubic metres per second	1	35283	0	1219	2005	-

Note, Monitoring Point 57 and 58 measures temperature and volumetric flowrate continuously. Therefore, Cleanaway has provided the NSW EPA with the Lowest, Mean and Highest values from the data collected during the year. ND, not determined.