

Pollutant Monitoring Results - Flare & Engine 2024



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	-	-	-	-	-
		Hydrogen Sulfide	micrograms per cubic metre	Frequency 3	-	-	-	-	-
		Moisture	percent	Frequency 3	-	-	-	-	-
		Molecular weight of stack gases	grams per gram mole	Frequency 3	-	-	-	-	-
		Nitrogen Oxides	milligrams per cubic metre	Frequency 3	-	-	-	-	-
		Oxygen (O2)	percent	Frequency 3	-	-	-	-	-
		Sulfuric acid mist and sulfur trioxide (as SO3)	milligrams per cubic metre	Frequency 3	-	-	-	-	-
		Sulphur dioxide	milligrams per cubic metre	Frequency 3	-	-	-	-	-
		Temperature	degrees Celsius	Frequency 3	-	-	-	-	-
		Velocity	metres per second	Frequency 3	-	-	-	-	-
		volatile organic compounds as n-propane equivalent	milligrams per cubic metre	Frequency 3	-	-	-	-	-
		Volumetric flowrate	cubic metres per second	Frequency 3	-	-	-	-	-
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	-	-	-	-	-
		Hydrogen Sulfide	micrograms per cubic metre	Frequency 3	-	-	-	-	-
		Moisture	percent	Frequency 3	-	-	-	-	-
		Molecular weight of stack gases	grams per gram mole	Frequency 3	-	-	-	-	-
		Nitrogen Oxides	milligrams per cubic metre	Frequency 3	-	-	-	-	-
		Oxygen (O2)	percent	Frequency 3	-	-	-	-	-
		Sulfuric acid mist and sulfur trioxide (as SO3)	milligrams per cubic metre	Frequency 3	-	-	-	-	-
		Sulphur dioxide	milligrams per cubic metre	Frequency 3	-	-	-	-	-
		Temperature	degrees Celsius	Frequency 3	-	-	-	-	-
		Velocity	metres per second	Frequency 3	-	-	-	-	-
		volatile organic compounds as n-propane equivalent	milligrams per cubic metre	Frequency 3	-	-	-	-	-
		Volumetric flowrate	cubic metres per second	Frequency 3	-	-	-	-	-
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	35490	0	906	1725	-
		Volumetric flowrate	cubic metres per second	1	35490	0	1189	2165	-
FLR2	No EPA ID	Temperature	degrees Celsius	1	5582	1.75	234	1131	-
		Volumetric flowrate	cubic metres per second	1	5582	0	259	1598	-

Note:
- Special Frequency 3 means collection of samples must be collected and analysed at least once every 5 years. EPA ID 56 and 57 were last monitored and analysed in Dec 2023.