



**Raymond Terrace Renewable Energy Facility
NSW EPA Monitoring Results**

Location: 330 Newline Road, Raymond Terrace NSW 2324
Monitoring Point: POINT 1 – GM1
Monitoring Frequency: Once every five years

Date data obtained: 9 August 2024
Date data Published: 16 August 2024
Previous Sample: 29 June 2023

| Pollutant | Units of Measure | Date Sample Obtained | EPA Licence Limit 100 percentile concentration limit | Results | Complied |
|--|----------------------------|----------------------|---|-------------|------------|
| Nitrogen oxides (@ 7% O₂) | milligrams per cubic metre | 27-06-24 | 450 | 237 | Yes |
| Sulfuric acid mist and sulfur trioxide (as SO₃) (@ 7% O₂) | milligrams per cubic metre | 27-06-24 | 100 | 6.1 | Yes |
| H₂S (@ 7% O₂) | milligrams per cubic metre | 27-06-24 | 5 | 1.9 | Yes |
| TVOC (@ 7% O₂) | milligrams per cubic metre | 27-06-24 | 40 | 0.41 | Yes |
| Carbon monoxide (@ 7% O ₂) | milligrams per cubic metre | 27-06-24 | No limit set | 1108 | |
| Carbon dioxide | percent | 27-06-24 | No limit set | 11.7 | |
| Dry gas density | kilograms per cubic metre | 27-06-24 | No limit set | 1.35 | |
| Moisture content | percent | 27-06-24 | No limit set | 12.3 | |
| Molecular weight of stack gases (dry) | grams per gram mole | 27-06-24 | No limit set | 30.2 | |
| Oxygen (O ₂) | percent | 27-06-24 | No limit set | 6.9 | |
| Sulfur dioxide | milligrams per cubic metre | 27-06-24 | No limit set | 2.9 | |
| Temperature | degrees Celsius | 27-06-24 | No limit set | 541 | |
| Velocity | metres per second | 27-06-24 | No limit set | 27.1 | |
| Volumetric flow rate | cubic metres per second | 27-06-24 | No limit set | 0.57 | |