*Regain SPL Reprocessing Facility - Tomago Aluminium Smelter*

## Environmental Pollution Monitoring - Obtained Data

**Environment Protection Licence Point 6 - Rotary Kiln Stack**
Required Frequency - Special Frequency 2

| Draft Regulatory Limit and Test Period | Material Processed | Carbon Monoxide (mg/cu m) | Cyanide (mg/cu m) | Dioxins and Furans - Lower Bound (ng/cu m) | Dioxins and Furans - Middle Bound (ng/cu m) | Dry Gas Density | Fine Particulate (mg/cu m) | Flow (cu m/sec) | Moisture (%) | Nitrogen Oxides (mg/cu m) | Oxygen (02) (%) | Polycyclic Aromatic Hydrocarbons (mg/cu m) | Sulphur Dioxide (mg/cu m) | Temperature (deg celcius) | Total Fluoride (mg/cu m) | Total Particulate (mg/cu m) | Type 1 & Type 2 Substances in Aggregate (mg/cu m) | Cadmium (mg/cu m) | Velocity m/sec | Volatile Organic Compounds ($mg/m^3$) | Date Sampled | Date Obtained | Date Published |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Current Draft Regulatory Limit | | tba | 1.0 | <-----0.1 in total-----> | | n.a. | 10 | n.a. | n.a. | 25 | n.a. | 0.2 | 25 | n.a. | 5 | 20 | 0.5 | 0.025 | n.a. | 10 | | | |
| Jun-July 2024 | SPL | 98 | <0.014 | 0.00043 | 0.0012 | 1.29 | 0.21 | 10 | 1 | 3 | 20.4 | 0.0027 | <3 | 77.7 | 0.029 | 0.5 | 0.012 | <0.00025 | 12 | 0.089 | Jun-Jul 2024 | 18-Jul-24 | 23-Jul-24 |
| Oct-Nov 2024 | SPL | 195 | <0.013 | 0.00042 | 0.0024 | 1.29 | <0.11 | 9.8 | 1.6 | 2 | 20.1 | <0.000014 | <3 | 89.9 | 2.3 | 0.09 | 0.027 | <0.00034 | 12 | 0.86 | Oct-Nov 2024 | 16-Dec-24 | 19-Dec-24 |
| Mar-Apr 2025 | SPL | 26 | <0.014 | 0.000036 | 0.0022 | 1.29 | 0.26 | 9.9 | 2.2 | <2 | 20.9 | <0.000014 | 13 | 81.5 | 0.051 | 0.8 | 0.01 | 0.00028 | 12 | 0.4 | Mar-Apr 2025 | 23-May-25 | 28-May-25 |
| July-Aug 2025 | SPL | 113 | <0.014 | 0.0074 | 0.0083 | 1.29 | 1.1 | 11 | 1.2 | 2 | 20.4 | <0.000014 | <3 | 88.8 | 1.6 | 4.5 | 0.028 | <0.00018 | 13 | <0.18 | Jul-Aug 2025 | 17-Sep-25 | 18-Sep-25 |
| Oct-25 | SPL | 110 | <0.013 | 0.0082 | 0.0097 | 1.29 | 1.7 | 11 | 1.2 | 5 | 20.4 | 0.000018 | <3 | 82.4 | 1 | 7.2 | 0.0052 | <0.00022 | 13 | 0.17 | Oct-25 | 8-Dec-25 | 11-Dec-25 |
| Jan-26 | SPL | 225 | <0.013 | 0.00038 | 0.0028 | 1.29 | 2.9 | 12 | 3 | 1 | 20.2 | <0.000012 | <3 | 92.5 | 3.9 | 7 | 0.0047 | 0.00043 | 14 | 0.35 | Jan-26 | 5-Mar-26 | 5-Mar-26 |
| Mar-Apr 2026 | SPL | 210 | <0.014 | 0.00031 | 0.00066 | 1.29 | 0.9 | 9.3 | 2.7 | 8 | 20.2 | 0.000038 | <3 | 85.4 | 0.51 | 3.3 | 0.013 | <0.00021 | 11 | 0.92 | Mar-Apr 2026 | 22-May-26 | 28-May-26 |
| Jul-26 | SPL | 201 | <0.014 | <0.00027 | 0.00073 | 1.29 | <0.14 | 10 | 2.8 | 4 | 19.9 | 0.000026 | <3 | 92.9 | 1.7 | 0.18 | 0.013 | 0.0019 | 13 | <0.18 | Jul-26 | 4-Sep-26 | 8-Sep-26 |