Licence # 6163
Full licence available at: http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=38801&SYSUID=1&LICID=6163
Tomago Aluminium Company Limited
638 Tomago Road, Tomago NSW 2322

Monitoring Period: Sep-26
Date Published: 15/10/2026

EPA Monitoring Point	Descriptor	Gaseous Fluoride, mg/m3, monthly average	Gaseous Fluoride, mg/m3, minimum daily value	Gaseous Fluoride, mg/m3, maximum daily value	Monitoring frequency requirement	Total Fluoride, kg F / t Al	Monitoring frequency requirement	Sulfur Dioxide, mg/m3	Monitoring frequency requirement
1	Line 1 West Stack	0.4	0.2	1.2	continuous	0.03	twice per quarter	NMR	Quarterly
2	Line 1 East Stack	0.4	0.2	0.6	continuous	0.03	twice per quarter	NMR	Quarterly
3	Line 2 West Stack	0.4	0.2	0.5	continuous	NMR	twice per quarter	NMR	Quarterly
4	Line 2 East Stack	0.5	0.3	3.8	continuous	0.04	twice per quarter	NMR	Quarterly
5	Anode Plant 1 Stack	0.5	0.3	0.7	continuous	NMR	twice per quarter	NMR	Yearly
6	Anode Plants 2&3 Stack	0.9	0.4	2.4	continuous	0.004	twice per quarter	389	Yearly
7	Line 3 West Stack	0.4	0.2	1.0	continuous	NMR	twice per quarter	NMR	Quarterly
8	Line 3 East Stack	0.3	0.2	0.7	continuous	0.05	twice per quarter	184	Quarterly
9	Line 1&2 Extension Stack	0.4	0.3	0.6	continuous	0.05	twice per quarter	184	Quarterly

Notes:
There are no applicable licence limits for the above monitoring points
mg/m3 = milligrams per cubic metre
kg F / t Al = kilograms fluoride per tonne aluminium produced
NMR = No monitoring requirement

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EPA Monitoring Point	Descriptor	Total Fluoride, kg F / t Al	Monitoring frequency requirement	Licence Limit	Exceedance?
10	Potroom A Roof Vent	0.44	Monthly	NA	
11	Potroom B Roof Vent	0.50	Monthly	NA	
12	Potroom C Roof Vent	0.49	Monthly	NA	
13	Potroom D Roof Vent	0.50	Monthly	NA	
14	Potroom E Roof Vent	0.54	Monthly	NA	
15	Potroom F Roof Vent	0.38	Monthly	NA	
30	Total smelter emissions sum of point sources	0.52	Monthly	0.8	No

Notes:
NA = No Applicable Licence Limit
kg F / t Al = kilograms fluoride per tonne aluminium produced

Comments on exceedances:_____

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EPA Monitoring Point 16

The point of controlled discharge to the Hunter River from the stormwater pond

Pollutant	Units of measure	Monitoring frequency requirement	No. of times measured during month	Mean value	Maximum value	Licence Limit	Exceedance?
Conductivity	uS/cm	Daily during discharge	9	1060		NA	
Fluoride	mg/L	Daily during discharge	9	22	39	40	No
pH	pH	Daily during discharge	9	7.5	8.4	6.5-8.5	No
Total Suspended Solids	mg/L	Daily during discharge	9	24	40	50	No
PAH	mg/L	Each overflow event	3	<0.001	<0.001	NA	
TRH	mg/L	Each overflow event	3	<0.1	<0.1	NA	
Volume	kL/day	Daily during discharge	9	535	1664	4320**	No

Notes:

uS/cm = microsiemens per centimetre
mg/L = milligrams per litre
NMR = No monitoring requirement
NA = No Applicable Licence Limit
kL/day = kilolitres per day
**This limit may be exceeded under wet weather conditions

Comments on exceedances:_____

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Monitoring Period: Sep-25
Date Published: 15/10/2026

EPA Monitoring Point 17

Discharge to utilisation area

Pollutant	Units of measure	Monitoring frequency requirement	No. of times measured during month	Mean value	Maximum value	Licence Limit	Exceedance?
BOD	mg/L	Quarterly	NMR	NMR		NA	
Fluoride	mg/L	Weekly	4	4.5		NA	
pH	pH	Weekly	4	7.0		NA	
Total Suspended Solids	mg/L	Quarterly	NMR	NMR		NA	
Volume	mm/week	weekly	5	21	23	30	No

Notes:
NA = No Applicable Licence Limit
mm/week = millimetres per week
NMR = No monitoring requirement
BOD = Biochemical Oxygen Demand

Comments:

Monitoring Period: Sep-26
Date Published: 15/10/2026

EPA Monitoring Point 35

Stormwater overflow

Pollutant	Units of measure	Monitoring frequency requirement	No. of days of overflow during month	Mean value
Fluoride	mg/L	Each overflow event	2	57
pH	pH	Each overflow event		6.5
PAH	mg/L	Each overflow event		<0.001
TRH	mg/L	Each overflow event		<0.1
Volume	kL/day	Continuous during discharge		23

Notes:

There are no applicable licence limits for the above monitoring point
Fluoride value is a volume weighted average.
mg/L = milligrams per litre
kL/day = kilolitres per day
NMR = No Monitoring Requirement