



Bluescope Steel (AIS) Pty Ltd
ABN 19 000 019625
Port Kembla Steelworks
Five Islands Road
Port Kembla 2505
PO Box 1854
Wollongong NSW 2500

BLUESCOPE STEEL (AIS) PTY. LTD.
Port Kembla Steelworks
Licence 6092

[Link to Environment Protection Licence EPL6092](#)

LICENCE MONITORING DATA
ANNUAL SUMMARY REPORT

for period

1 Jul 2021 to 30 Jun 2022

Annual (Jul 2021 - Jun 2022) Report Published: 3, August, 2022

Stack Air Monitoring Requirements

EPL6092 Conditions L2.4/M2.2/M2.3/M8.2/E1.4





Point 107:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Mean Value	Median Value	Max. Value
Benzene	Tonnes/annum	Annually	2	3.09	3.31	3.31	3.53
Benzo (a) pyrene	Tonnes/annum	Annually	2	0.00008	0.00008	0.00008	0.00009
Coarse Particulates	Tonnes/annum	Annually	11	19.77	42.11	40.68	69.51
Fine Particulates	Tonnes/annum	Annually	8	15.55	30.92	26.68	66.41
Nitrogen Oxides	Tonnes/annum	Annually	46	2017.99	2655.94	2659.12	3133.42
Sulphur Dioxide - UV	Tonnes/annum	Annually	42	647.12	1357.73	1069.07	3047.64
VOC as n-propane ex benzene	Tonnes/annum	Annually	2	0.88	0.97	0.97	1.06

Comment:

Point 107

Pollutant	Unit of Measure	Monitoring frequency required by licence	No. of times measured during year	Annual Mass Load	Total Mass Limit
Total Solid Particles	Tonnes/annum	Annually	1	37.8	240



Bluescope Steel (AIS) Pty Ltd
ABN 19 000 019625
Port Kembla Steelworks
Five Islands Road
Port Kembla 2505
PO Box 1854
Wollongong NSW 2500

Ambient Air Monitoring Requirements

EPL6092 Condition O4.13

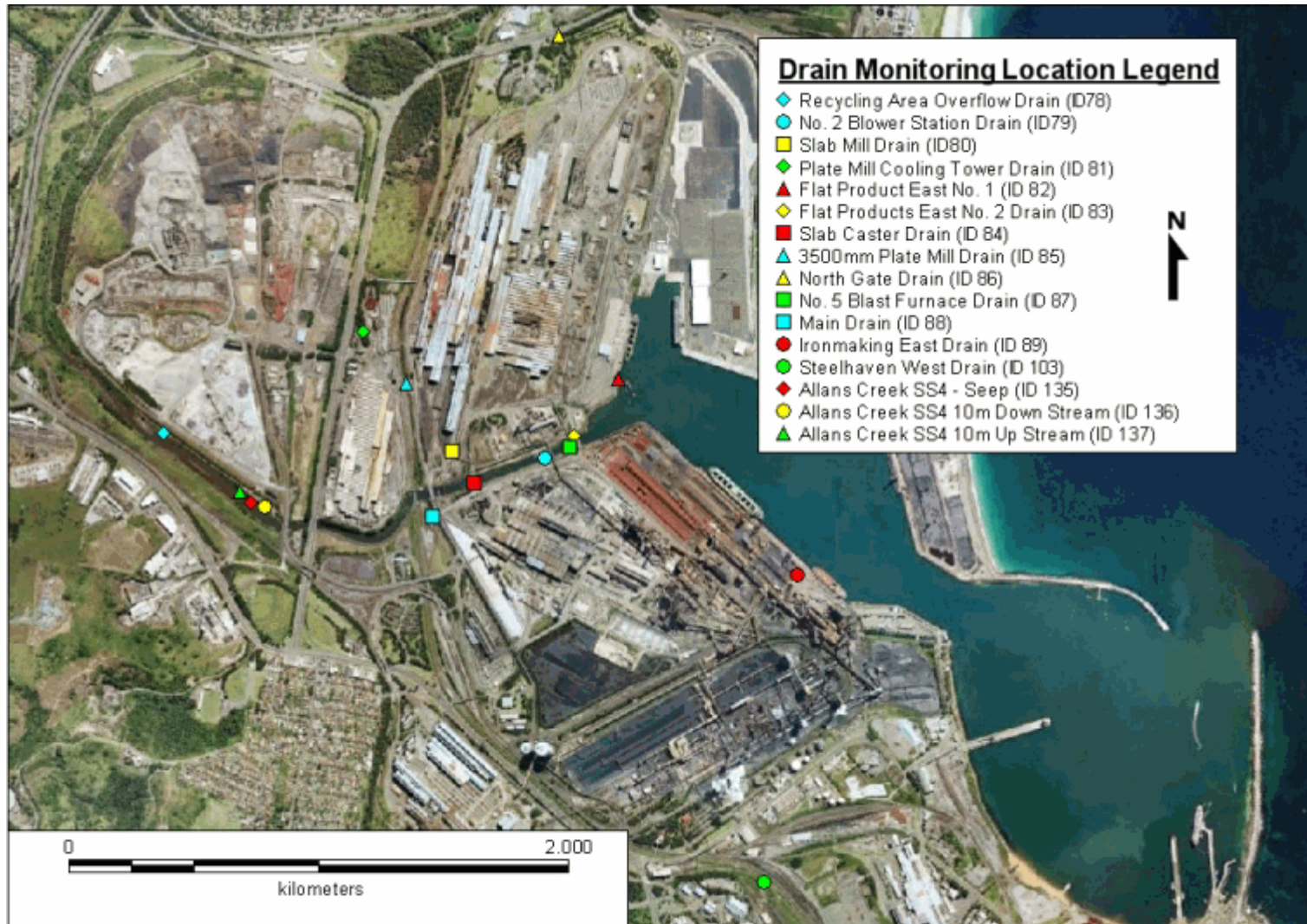


O4.13

Pollutant	Monitoring frequency required by licence	No. of significant emissions measured during year	100 Percentile Limit	Exceedance (yes/no) *
Emission - KISH Tipping DER 5	Annually	0	30	no
Comment:				

Water and/or Land Monitoring Requirements

EPL6092 Condition M2.5/M2.6/M8.1/M8.3





Point 79:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	90 Percentile Value	90 Percentile Limit	Exceedance (yes/no) *
Ammonia	Milligrams per litre	Every 8 days	108	<0.06	0.36	0.23	1.50	no
Cyanide	Milligrams per litre	Every 8 days	107	<0.02	0.03	<0.02	0.05	no
Filtrable Iron	Milligrams per litre	Every 8 days	81	<0.01	0.065	0.03	0.1	no
Oil and Grease	Milligrams per litre	Every 8 days	84	<5	<5	<5	10	no
Temperature	Degrees Celcius	Every 8 days	84	21	34.5	30	35	no
Total Iron	Milligrams per litre	Every 8 days	81	0.055	3.30	0.29	1.0	no
Total Suspended Solids	Milligrams per litre	Every 8 days	84	<3	90	8.0	30	no
Total Zinc	Milligrams per litre	Every 8 days	96	<0.05	0.10	0.0625	1.0	no

Comment:



Point 85:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	90 Percentile Value	90 Percentile Limit	Exceedance (yes/no) *
Oil and Grease	Milligrams per litre	24/year. Min 15 days apart	24	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	24	17	27	24	30	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	24	<3	28	15.3	30	no

Comment:



Point 87:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	50 Percentile Value	50 Percentile Limit	Exceedance (yes/no) *
Lead	Milligrams per litre	Every 8 days	46	<0.02	0.017	<0.02	0.05	no

Comment:



Point 87:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	90 Percentile Value	90 Percentile Limit	Exceedance (yes/no) *
Ammonia	Milligrams per litre	Every 8 days	46	<0.06	<0.06	<0.06	7.5	no
Cyanide	Milligrams per litre	Every 8 days	46	<0.02	<0.02	<0.02	0.2	no
Filtrable Iron	Milligrams per litre	Every 8 days	46	<0.01	0.18	0.0335	0.7	no
Lead	Milligrams per litre	Every 8 days	46	<0.02	0.017	0.010	0.3	no
Temperature	Degrees Celcius	Every 8 days	46	16	25	23.5	35	no
Total Iron	Milligrams per litre	Every 8 days	46	0.067	9.40	0.57	3	no
Total Suspended Solids	Milligrams per litre	Every 8 days	46	<3	104	16.5	30	no
Comment:								



Point 88:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	50 Percentile Value	50 Percentile Limit	Exceedance (yes/no) *
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	29	<3	180	7	45	no

Comment:



Point 88:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	90 Percentile Value	90 Percentile Limit	Exceedance (yes/no) *
Ammonia	Milligrams per litre	24/year. Min 15 days apart	33	<0.06	0.770	0.374	4.0	no
Cyanide	Milligrams per litre	24/year. Min 15 days □□□□	29	<0.02	<0.02	<0.02	0.1	no
Oil and Grease	Milligrams per litre	24/year. Min 15 days □□□□	29	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days □□□□	29	14.2	24.0	23.50	35	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days □□□□	29	<3	180	14.4	70	no
Total Zinc	Milligrams per litre	24/year. Min 15 days □□□□	29	<0.05	0.130	0.0625	1	no
Comment:								



Point 89:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Load
Zinc	Tonnes/Annum	Annually	5	0.010
Total Suspended Solids	Tonnes/Annum	Annually	5	12.04

Sampling conducted during wet weather discharges only.