



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 2020 to 30 Jun 2021

Annual (Jul 2020 - Jun 2021) Report Published: 9, August, 2021

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	2.42	2.57	2.57	2.72
Benzo (a) pyrene	Tonnes/annum	Annually	2	0.00031	0.00031	0.00031	0.00031
Coarse Particulates	Tonnes/annum	Annually	8	0	10.9	8.78	30.34
Fine Particulates	Tonnes/annum	Annually	8	15.61	28.65	27.81	45.79
Nitrogen Oxides	Tonnes/annum	Annually	50	2150.8	2700.5	2656.8	3309.4
Sulphur Dioxide - UV	Tonnes/annum	Annually	50	312.8	781.6	521.3	3132.5
VOC as n-propane ex benzene	Tonnes/annum	Annually	2	0.32	0.34	0.34	0.36

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	33.7	240



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Ambient Air Monitoring Requirements

EPL6092 Condition O4.13

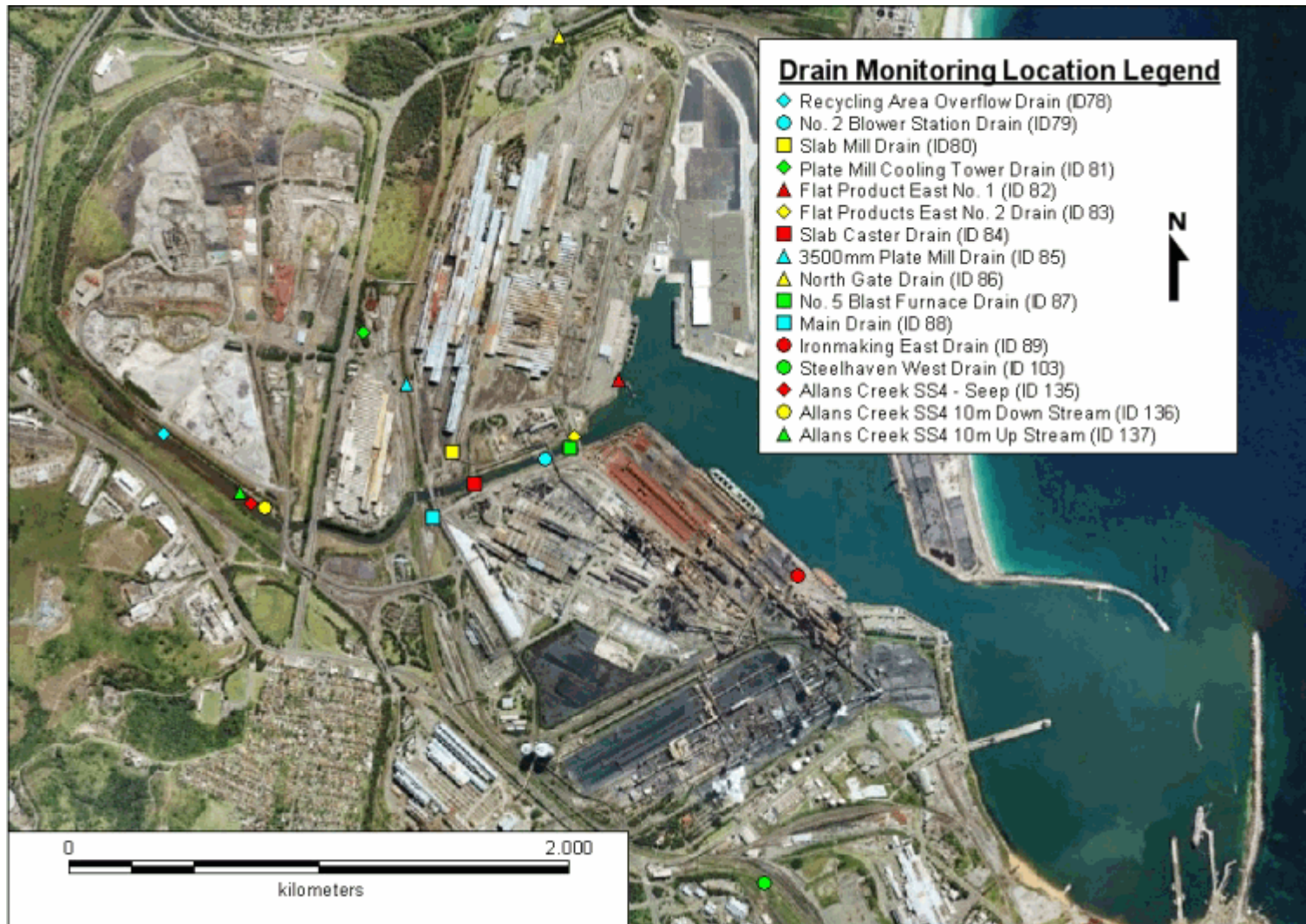


O4.13

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	81	<0.06	0.32	0.25	1.5	no
Cyanide	Milligrams per litre	Every 8 days	81	<0.02	0.0183	0.008	0.05	no
Filtrable Iron	Milligrams per litre	Every 8 days	81	<0.01	0.15	0.010	0.1	no
Oil and Grease	Milligrams per litre	Every 8 days	81	<5	<5	<5	10	no
Temperature	Degrees Celcius	Every 8 days	81	19.1	30.2	29.2	35	no
Total Iron	Milligrams per litre	Every 8 days	81	0.06	0.43	0.31	1.0	no
Total Suspended Solids	Milligrams per litre	Every 8 days	82	<3	28	16.0	30	no
Total Zinc	Milligrams per litre	Every 8 days	81	<0.05	0.0600	<0.05	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	34	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	33	17.2	25.2	24.2	30	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	33	<3	32	17.6	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	51	<0.02	0.03	<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	51	<0.06	<0.06	<0.06	7.5	no
Cyanide	Milligrams per litre	Every 8 days	51	<0.02	<0.02	<0.02	0.2	no
Filtrable Iron	Milligrams per litre	Every 8 days	51	<0.01	<0.01	<0.01	0.7	no
Lead	Milligrams per litre	Every 8 days	51	<0.02	0.03	<0.02	0.3	no
Temperature	Degrees Celcius	Every 8 days	50	16.1	24.2	22.2	35	no
Total Iron	Milligrams per litre	Every 8 days	51	0.06	1.9	0.47	3	no
Total Suspended Solids	Milligrams per litre	Every 8 days	52	<3	30	16.0	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	26	<3	23	6.0	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 □□□r	26	<0.06	0.08	<0.06	4.0	no
Cyanide	Milligrams per litre	24/year. Min 15 days □□□r	26	<0.02	<0.02	<0.02	0.1	no
Oil and Grease	Milligrams per litre	24/year. Min 15 days □□□r	26	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days □□□r	26	15.0	24.2	22.2	35	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days □□□r	26	<3	23	16.0	70	no
Total Zinc	Milligrams per litre	24/year. Min 15 days □□□r	26	<0.05	0.10	<0.05	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	3	0.015
Total Suspended Solids	Tonnes/Annum	Annually	4	1.51

Sampling conducted during wet weather discharges only.