



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
MONTHLY SUMMARY REPORT

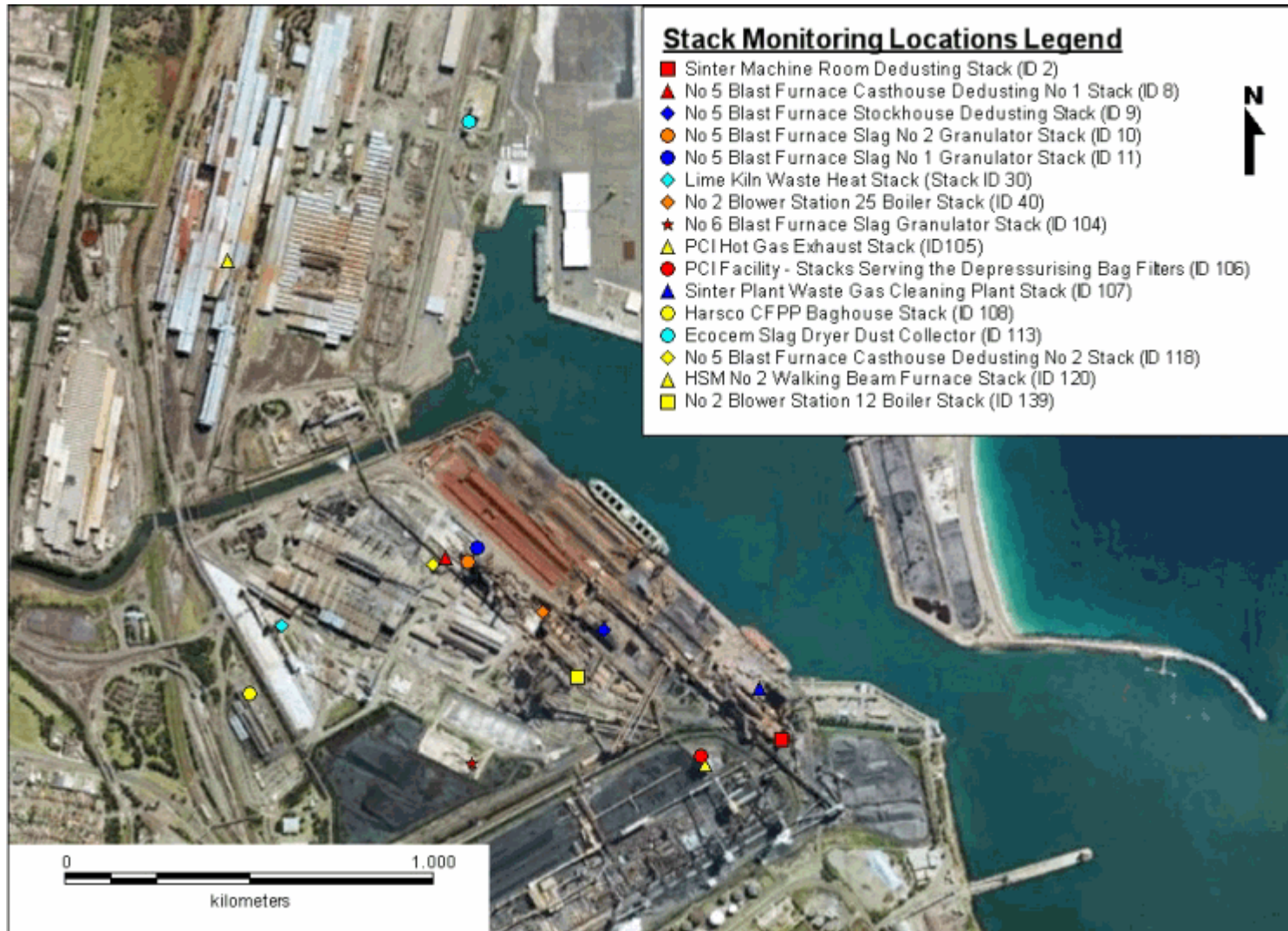
for

1 Apr 2019 to 30 Apr 2019

Monthly (April 2019) Report Published: 4, June, 2019

Stack Air Monitoring Requirements

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





Point 2:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Mean Value	Median Value	Max Value
Opacity	%	Continuous	Continuous	0	1.6	1.1	6.1
Comment:							

Point 107:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Mean Value	Median Value	Max Value
Total Solid Particles	Milligrams per cubic metre	Continuous	Continuous	0.4	4.6	4.6	13.4
Comment:							



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 M2.2/M2.3/O4.13,O4.14 (Cont.)



O4.13

Pollutant	Monitoring frequency required by licence	No of significant emissions measured during month	100 Percentile Limit	Exceedance (yes/no) *
Emission - KISH Tipping DER 5	Monthly	0	4	no
Comment:				

O4.14

Pollutant	Monitoring frequency required by licence	No of significant emissions measured during month	100 Percentile Limit	Exceedance (yes/no) *
Emission Torpedo Ladle > DER 4	Monthly	0	1	no
Comment:				



Point 141: Receiver 1 (located south of licensed site)

Pollutant ⁴²	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Mean Value	Median Value	Max. Value
Benzene	Parts per billion	Every 6 days	5	0.038	0.067	0.0680	0.1
Fine Particulates	Micrograms per cubic metre	Continuous	Continuous	10	16.929	16.00	30
Iron	Micrograms per cubic metre	Every 6 days	5	0.36	0.58	0.57	0.99
Lead	Micrograms per cubic metre	Every 6 days	5	<0.054	<0.054	0.03	<0.055
Particulates - Deposited Matter	Grams per square metre per month	Monthly	1	1.8	1.8	1.80	1.8
Polycyclic aromatic hydrocarbons	Nanograms per cubic metre	24 hour period every 6 days.	5	0.6	0.67	0.61	0.86
Total suspended particles	Micrograms per cubic metre	Every 6 days	5	11	23	25.00	36
Type 1 and Type 2 substances in aggregate	Micrograms per cubic metre	Quarterly	1	0.025	0.025	0.03	0.025
Zinc	Micrograms per cubic metre	Every 6 days	5	<0.11	<0.11	0.06	<0.11
Comment:							

Point 152: Receiver 2 (located north of licensed site)

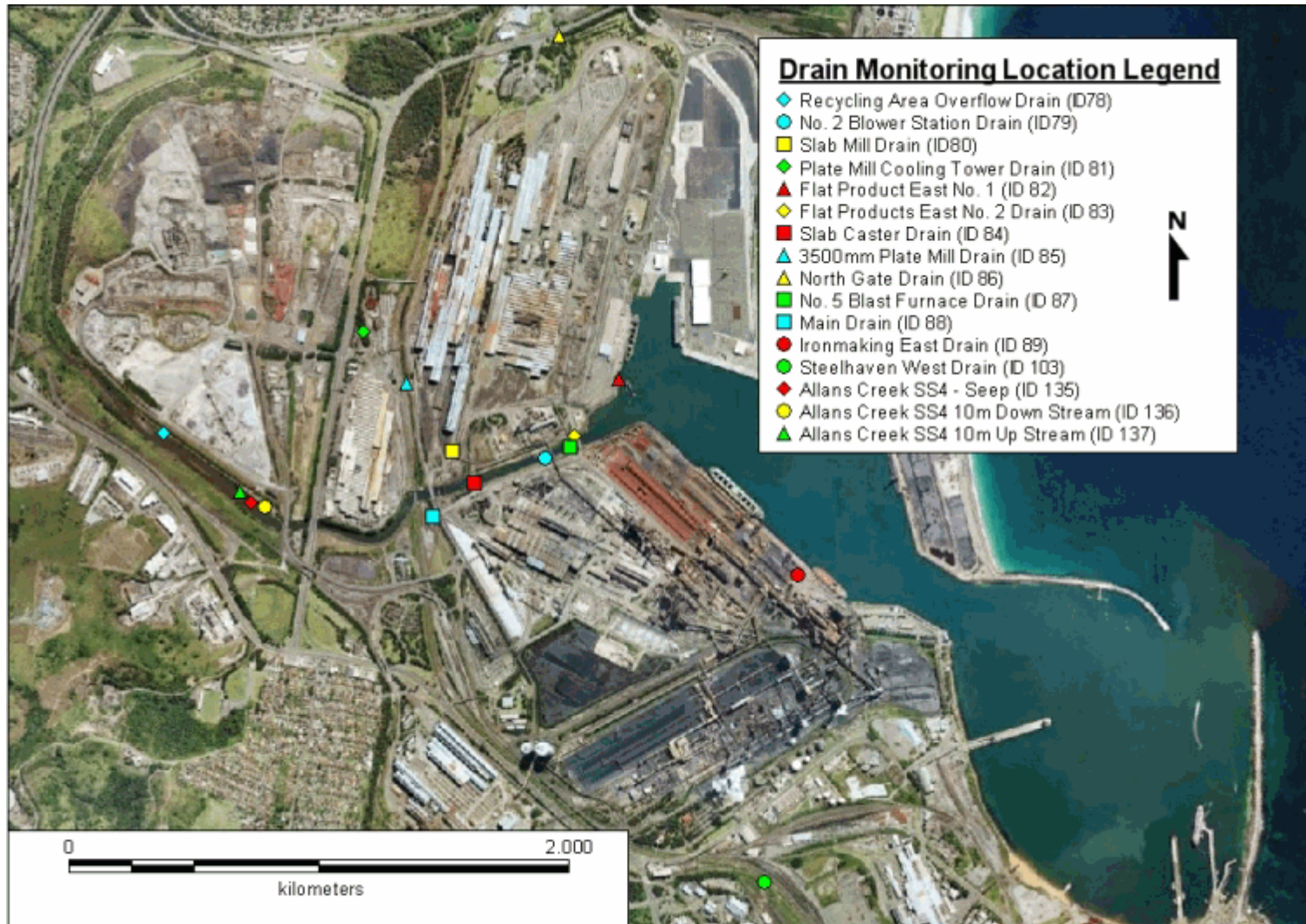
Pollutant ³¹⁰	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Mean Value	Median Value	Max. Value
Benzene	Parts per billion	Every 6 days	5	0.075	0.0972	0.0860	0.13
Fine Particulates	Micrograms per cubic metre	Continuous	Continuous	17	23.37	22.00	46
Iron	Micrograms per cubic metre	Every 6 days	5	0.75	2.45	1.90	5.6
Lead	Micrograms per cubic metre	Every 6 days	5	<0.054	<0.054	0.03	<0.055
Particulates - Deposited Matter	Grams per square metre per month	Monthly	1	1.4	1.4	1.40	1.4
Polycyclic aromatic hydrocarbons	Nanograms per cubic metre	24 hour period every 6 days.	5	0.73	0.946	0.81	1.5
Total suspended particles	Micrograms per cubic metre	Every 6 days	5	26	36.4	28.00	54
Type 1 and Type 2 substances in aggregate	Micrograms per cubic metre	Quarterly	1	0.23	0.23	0.23	0.23
Zinc	Micrograms per cubic metre	Every 6 days	5	<0.11	0.138	0.16	0.25
Comment:							

Point 153: Receiver 3 (located west of licensed site)

Pollutant ³¹¹	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Mean Value	Median Value	Max. Value
Iron	Micrograms per cubic metre	Every 6 days	5	0.96	1.672	1.30	2.5
Lead	Micrograms per cubic metre	Every 6 days	5	<0.054	<0.054	0.03	0.054
Total suspended particles	Micrograms per cubic metre	Every 6 days	5	22	29.6	29.00	39
Type 1 and Type 2 substances in aggregate	Micrograms per cubic metre	Quarterly	1	0.15	0.15	0.15	0.15
Zinc	Micrograms per cubic metre	Every 6 days	5	<0.11	<0.11	0.06	0.16
Comment:							

Water and/or Land Monitoring Requirements

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





Point 78:

Pollutant126	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Mean Value	Median Value	Max. Value
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	0	10	0.00	302
Comment:							

Point 79:

Pollutant49	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Max Value	100 percentile Dry limit (Wet limit)	Exceedance (yes / no) *
Ammonia	Milligrams per litre	Every 8 days	3	<0.06	<0.06	5.0 (5.0)	no
Cyanide	Milligrams per litre	Every 8 days	3	<0.02	<0.02	0.30 (0.30)	no
Filtrable Iron	Milligrams per litre	Every 8 days	3	<0.01	0.01	0.3 (0.3)	no
Oil and Grease	Milligrams per litre	Every 8 days	3	<5	<5	20 (50)	no
pH		Every 8 days	3	8.1	8.2	6.5-9.0 (6.5-9.0)	no
Temperature	Degrees Celcius	Every 8 days	3	28	31	40 (40)	no
Total Iron	Milligrams per litre	Every 8 days	3	0.08	0.33	3 (50)	no
Total Suspended Solids	Milligrams per litre	Every 8 days	3	4	12	50 (500)	no
Total Zinc	Milligrams per litre	Every 8 days	3	<0.05	<0.05	3 (3)	no
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	635376	682670		
Comment:							

Point 80:

Pollutant47	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Max Value	100 percentile Dry limit (Wet limit)	Exceedance (yes / no) *
Cyanide	Milligrams per litre	6/yr. Min 50 days apart.	1	<0.02	<0.02	0.20 (0.00)	no
pH		6/yr. Min 50 days apart.	1	7.8	7.8	6.5-9.0 (0.0-0.0)	no
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	470	3442		
Comment:							



Point 82:

Pollutant53	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Max Value	100 percentile Dry limit (Wet limit)	Exceedance (yes / no) *
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	0	1762		
Comment:							

Point 83:

Pollutant52	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Max Value	100 percentile Dry limit (Wet limit)	Exceedance (yes / no) *
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	0	535		
Comment:							

Point 85:

Pollutant51	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Max Value	100 Percentile Limit	Exceedance (yes / no) *
Oil and Grease	Milligrams per litre	24/year. Min 15 days apart	2	<5	<5	20.0000	no
pH		24/year. Min 15 days apart	2	8.2	8.2	6.5-9.0	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	2	23	24	35.00	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	2	16	17	50.00	no
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	29440	36664		no
Comment:							



Point 87:

Pollutant48	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Max Value	100 percentile Dry limit (Wet limit)	Exceedance (yes / no) *
Ammonia	Milligrams per litre	Every 8 days	3	<0.06	<0.06	10.0 (10.0)	no
Cyanide	Milligrams per litre	Every 8 days	3	<0.02	<0.02	0.30 (0.30)	no
Filtrable Iron	Milligrams per litre	Every 8 days	3	<0.01	<0.01	1.5 (1.5)	no
Lead	Milligrams per litre	Every 8 days	3	<0.02	<0.02	0.5 (0.5)	no
Mercury	Micrograms per litre	Every 8 days	3	<0.5	<0.5	1.5 (1.5)	no
pH		Every 8 days	3	8.1	8.2	6.5-11.0 (6.5-11.0)	no
Temperature	Degrees Celcius	Every 8 days	3	21	23	40 (40)	no
Total Iron	Milligrams per litre	Every 8 days	3	0.29	0.46	7 (100)	no
Total Suspended Solids	Milligrams per litre	Every 8 days	3	3	8	70 (500)	no
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	1322	1797		
Comment:							

Point 88:

Pollutant45	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Max Value	100 percentile Dry limit (Wet limit)	Exceedance (yes / no) *
Ammonia	Milligrams per litre	Every 8 days	2	<0.06	<0.06	7.5 (7.5)	no
Cyanide	Milligrams per litre	Every 8 days	2	<0.02	<0.02	0.30 (0.30)	no
Oil and Grease	Milligrams per litre	Every 8 days	2	<5	<5	20 (50)	no
pH		Every 8 days	2	8.1	8.2	6.5-9.0 (6.5-9.0)	no
Temperature	Degrees Celcius	Every 8 days	2	21	24	40 (40)	no
Total Suspended Solids	Milligrams per litre	Every 8 days	2	6	8	100 (200)	no
Total Zinc	Milligrams per litre	Every 8 days	2	<0.05	0.05	3 (3)	no
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	25984	63936		
Comment:							



Point 89:

Pollutant ⁵⁰	Units of Measure	Monitoring frequency required by licence	No. of times measured during month	Min. Value	Max Value	100 percentile Dry limit (Wet limit)	Exceedance (yes / no) *
Volume of Liquids Discharged	Kilolitres per day	Daily	Continuous	0	0		
Comment:							