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Port Kembla Steelworks
Five Islands Road
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PO Box 1854
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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 2022 to 30 Jun 2023

Annual (Jul 2022 - Jun 2023) Report Published: 4, August, 2023

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	2.74	2.77	2.77	2.81
Benzo (a) pyrene	Tonnes/annum	Annually	2	0.00010	0.00013	0.00013	0.00015
Coarse Particulates	Tonnes/annum	Annually	23	28.95	50.89	47.30	93.82
Fine Particulates	Tonnes/annum	Annually	16	18.76	27.75	26.63	47.30
Nitrogen Oxides	Tonnes/annum	Annually	86	2445.93	2873.38	2840.76	3475.90
Sulphur Dioxide - UV	Tonnes/annum	Annually	86	303.06	739.48	593.19	1359.83
VOC as n-propane ex benzene	Tonnes/annum	Annually	2	0.46	0.50	0.50	0.54

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	46.4	240



Ambient Air Monitoring Requirements

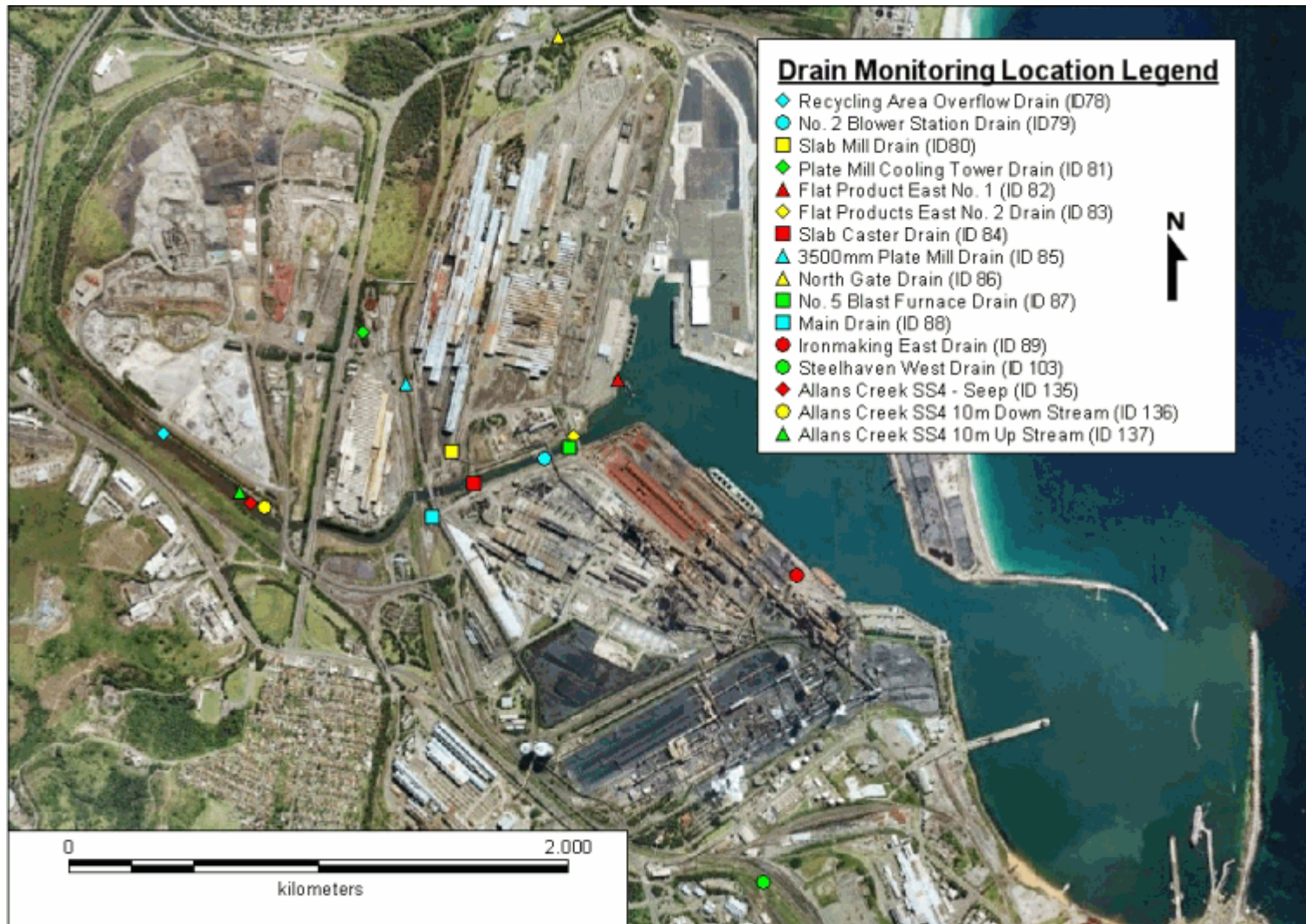
EPL6092 Condition O4.13

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	77	<0.06	0.22	0.084	1.5	no
Cyanide	Milligrams per litre	Every 8 days	77	<0.02	0.01	<0.02	0.05	no
Filtrable Iron	Milligrams per litre	Every 8 days	75	<0.013	0.083	0.026	0.1	no
Oil and Grease	Milligrams per litre	Every 8 days	76	<5	<5	<5	10	no
Temperature	Degrees Celcius	Every 8 days	77	18.3	33.7	30.8	35	no
Total Iron	Milligrams per litre	Every 8 days	75	0.068	3.74	0.73	1.0	no
Total Suspended Solids	Milligrams per litre	Every 8 days	77	<3	70	9.8	30	no
Total Zinc	Milligrams per litre	Every 8 days	75.00	<0.05	0.089	0.063	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	28	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	28	16.8	26.2	25.1	30	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	28	<3	15	6.3	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	49	<0.02	0.010	<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	49	<0.06	0.93	<0.06	7.5	no
Cyanide	Milligrams per litre	Every 8 days	49	<0.02	0.065	<0.02	0.2	no
Filtrable Iron	Milligrams per litre	Every 8 days	49	<0.013	0.058	0.016	0.7	no
Lead	Milligrams per litre	Every 8 days	49	<0.02	0.010	<0.02	0.3	no
Temperature	Degrees Celcius	Every 8 days	49	14.5	25.7	24.3	35	no
Total Iron	Milligrams per litre	Every 8 days	49	0.083	8.2	0.54	3	no
Total Suspended Solids	Milligrams per litre	Every 8 days	49	<3	83	12	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	25	<3	45	5	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	25	<0.06	0.17	<0.06	4.0	no
Cyanide	Milligrams per litre	24/year. Min 15 days apart	25	<0.02	<0.02	<0.02	0.1	no
Oil and Grease	Milligrams per litre	24/year. Min 15 days apart	25	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	25	15.0	26.7	24.0	35	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	25	<3	45	8	70	no
Total Zinc	Milligrams per litre	24/year. Min 15 days apart	25	<0.05	0.082	0.063	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	2	0.083
Total Suspended Solids	Tonnes/Annum	Annually	2	14.87

Sampling conducted during wet weather discharges only.