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Port Kembla Steelworks
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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 2019 to 30 Jun 2020

Annual (Jul 2019 - Jun 2020) Report Published: 2, September, 2020

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	2.7	3.2	3.2	3.7
Benzo (a) pyrene	Tonnes/annum	Annually	2	0.0000685	0.0000685	0.0000685	0.0000685
Coarse Particulates	Tonnes/annum	Annually	8	0.0	6.3	6.6	13.3
Fine Particulates	Tonnes/annum	Annually	8	11.3	22.2	19.4	34.5
Nitrogen Oxides	Tonnes/annum	Annually	100	1809.5	2297.6	2334.7	2719.7
Sulphur Dioxide - UV	Tonnes/annum	Annually	100	250.0	685.3	692.4	1877.6
VOC as n-propane ex benzene	Tonnes/annum	Annually	2	0.717	0.738	0.738	0.759

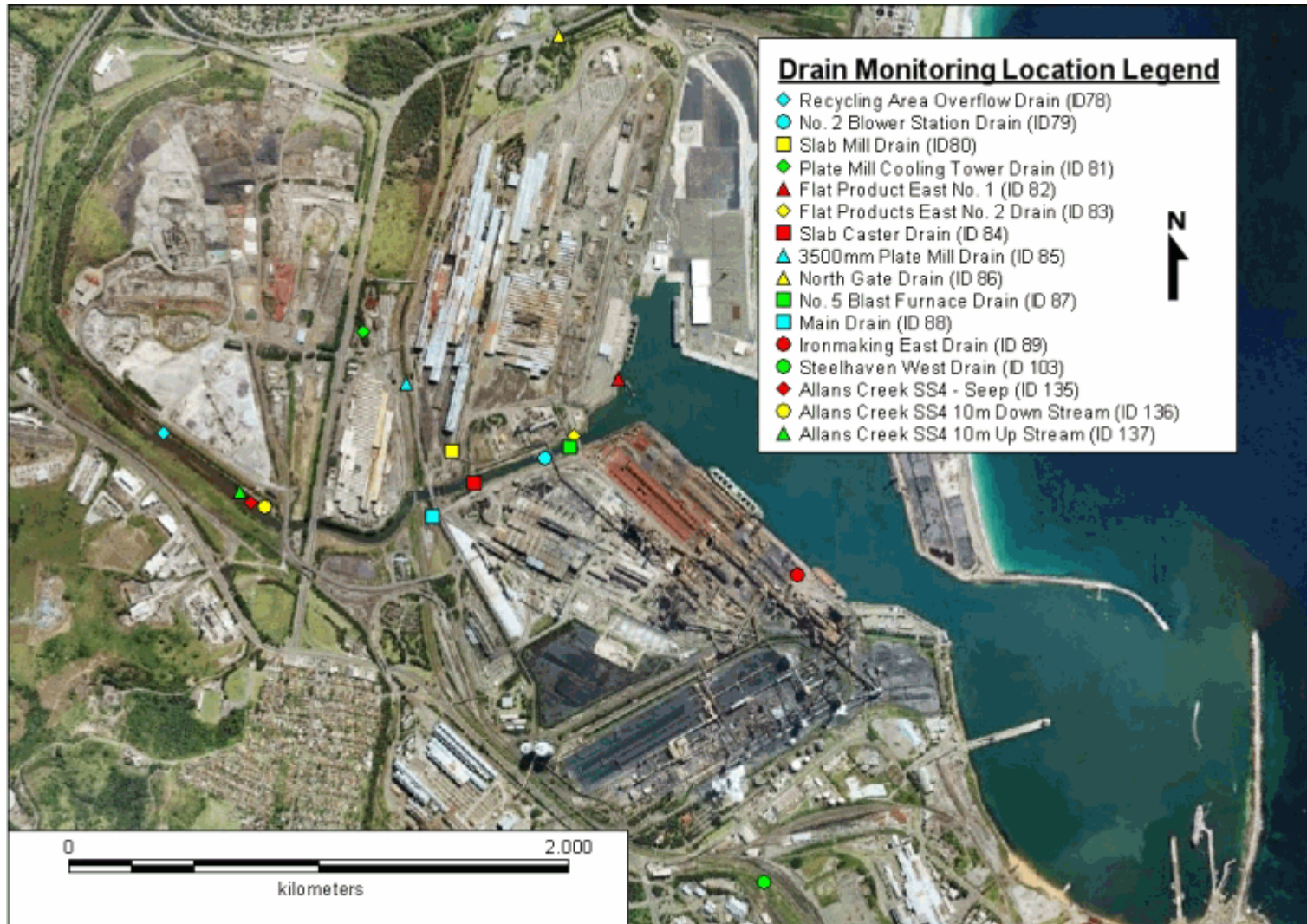
Comment:

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	30.3	240

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	96	<0.06	1.70	0.185	1.5	no
Cyanide	Milligrams per litre	Every 4 days	100	<0.02	0.11	0.0071	0.05	no
Filtrable Iron	Milligrams per litre	Every 8 days	89	<0.01	0.1000	0.01	0.1	no
Oil and Grease	Milligrams per litre	Every 8 days	86	<5	<5	<5	10	no
Temperature	Degrees Celcius	Every 8 days	86	18	32	29	35	no
Total Iron	Milligrams per litre	Every 8 days	89	0.06	1.4	0.33	1.0	no
Total Suspended Solids	Milligrams per litre	Every 8 days	89	<3	23	16	30	no
Total Zinc	Milligrams per litre	Every 8 days	89	<0.05	0.13	<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	24	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	24	17	26	24	30	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	24	<3	18	14	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	52	<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	52	<0.06	7.7	<0.06	7.5	no
Cyanide	Milligrams per litre	Every 8 days	52	<0.02	0.035	<0.02	0.2	no
Filtrable Iron	Milligrams per litre	Every 8 days	52	<0.01	0.03	0.01	0.7	no
Lead	Milligrams per litre	Every 8 days	52	<0.02	0.03	<0.02	0.3	no
Temperature	Degrees Celcius	Every 8 days	52	16	26	23.9	35	no
Total Iron	Milligrams per litre	Every 8 days	52	0.1	33.0	0.368	3	no
Total Suspended Solids	Milligrams per litre	Every 8 days	52	<3	576	15.9	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	Every 4 days	31	<3	34	8	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	Every 4 days	30	<0.06	<0.06	<0.06	4.0	no
Cyanide	Milligrams per litre	Every 4 days	30	<0.02	<0.02	<0.02	0.1	no
Oil and Grease	Milligrams per litre	Every 8 days	30	<5	<5	<5	10	no
Temperature	Degrees Celcius	Every 8 days	30	13	26	23	35	no
Total Suspended Solids	Milligrams per litre	Every 4 days	31	<3	34	18	70	no
Total Zinc	Milligrams per litre	Every 8 days	30	<0.05	0.09	<0.05	1	no
Comment:								