

EPL - Pollution Monitoring Data

Environment Protection Licence Number:

5042

Licensee:

Pasminco Cockle Creek Smelter Pty Ltd

Premises:

Pasminco Cockle Creek Smelter &

Incitec

Main Road

Boolaroo NSW 2284

Link to full Environment Protection Licence:

<http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=5042&id=5042&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>

Sampling

January 2016

Period:

Concentration Limits

(ii) Monitoring where pollution limit exists in conditions of Licence

EPA Point ID	Pollutant	Type of Monitoring Point	Unit of Measure	Monitoring Frequency Required by Licence	Sampling method	No. of times measured during month	Minimum Value	Mean Value	Medium Value	Maximum Value	90 percentile limit	100 percentile limit	Exceedance (yes / no)
Point 57	Lead	Discharge Monitoring WTP	Milligrams per litre	Daily during any discharge	24 hour composite sample	30	0.0005	0.000833	0.0005	0.004			No
	Zinc	Discharge Monitoring WTP	Milligrams per litre	Daily during any discharge	24 hour composite sample	30	0.009	0.0607	0.028	0.326	0.2	0.4	No
	Cadmium	Discharge Monitoring WTP	Milligrams per litre	Daily during any discharge	24 hour composite sample	30	0.00005	0.000183	0.002	0.0006	0.02	0.04	No
	Selenium	Discharge Monitoring WTP	Milligrams per litre	Daily during any discharge	24 hour composite sample	30	0.005	0.005667	0.005	0.01	0.2	0.4	No
	Arsenic	Discharge Monitoring WTP	Milligrams per litre	Daily during any discharge	24 hour composite sample	30	0.0005	0.001133	0.001	0.003	0.3	0.6	No
	Mercury	Discharge Monitoring WTP	Milligrams per litre	Daily during any discharge	24 hour composite sample	30	0.00005	0.00005	0.00005	0.00005	0.002	0.004	No
	Total suspended solids	Discharge Monitoring WTP	Milligrams per litre	Daily during any discharge	24 hour composite sample	30	3	10	9	50	30	60	No
	pH	Discharge Monitoring WTP	pH	Daily during any discharge	In line instrumentation	30	6.5	7.64	7.8	8.5		6.5-8.5	No

* Note when result is <Limit of Reading (LOR) then 50% of LOR adopted as a result

Monitoring volume and mass

EPA Point ID	Pollutant / Substance	Type of Monitoring Point	Unit of Measure	Monitoring Frequency Required by Licence	Sampling method	No. of times measured during month	Minimum Value	Mean Value	Medium Value	Maximum Value	Licensed Limit	Exceedance (yes / no)
Point 57	Volumes of liquid discharged into water or applied to the area, the mass of solids applied to the area, the mass of pollutants emitted to the air	Various	Kilolitres per day	Daily	Flow meter and continuous logger	30	44	113	107	217	4500	No

Data correction

EPA Point ID	Sample Date	Pollutant	Original Data	Corrected Data	Date Corrected	Date Originally Published	Reason