

EPL - Pollution Monitoring Data

Environment Protection Licence Number: 5042
 Licensee: Pasminco Cockle Creek Smelter Pty Ltd
 Pasminco Cockle Creek Smelter & Incitec
 Premises: 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 Period: February 2016
 Date Last Data Obtained During Period: Date
 Published:

Concentration Limits

(i) Monitoring where no pollution limit exists in Licence

EPA Point ID	Pollutant	Type of Monitoring Point	Unit of Measure	Monitoring Frequency Required by Licence	Sampling method	No. of times measured during year	Min Value	Mean value	Median value	Max Value
Point 34	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.0006	0.0006	0.0006	0.0006
	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.1	0.2	0.2	0.3
Point 39	Lead	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0011	0.0030	0.0023	0.0086
	Zinc	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0260	0.0457	0.0434	0.0726
	Cadmium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0002	0.0002	0.0002	0.0002
	Arsenic	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0002	0.0005	0.0005	0.0008
	Selenium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-20	10	0.0012	0.0012	0.0012	0.0012
	Mercury	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0002	0.0002	0.0002	0.0002
	TSP	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	16.0	40.8	40.5	83.0
	PM10	Air monitoring	Micrograms per cubic metre	Continuous	AM-15	60	2	15.3	13.95	29.4
Point 40	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.0006	0.0006	0.0006	0.0006
	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.1	0.2	0.2	0.2
Point 41	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.0006	0.0006	0.0006	0.0006
	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.3	0.3	0.3	0.4
Point 42	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.0006	0.0006	0.0006	0.0006
	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.2	0.2	0.2	0.2
Point 43	Lead	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0009	0.0078	0.0050	0.0203
	Zinc	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0332	0.0483	0.0463	0.0772
	Cadmium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0002	0.0002	0.0002	0.0002
	Arsenic	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0002	0.0005	0.0005	0.0010
	Selenium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-22	10	0.0012	0.0012	0.0012	0.0012
	Mercury	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	0.0002	0.0002	0.0002	0.0002
	TSP	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	10	20.0	48.4	50.5	78.0
	PM10	Air monitoring	Micrograms per cubic metre	Continuous	AM-19	ND	ND	ND	ND	ND

Weather monitoring

EPA Point ID	Parameter	Units of measure	Averaging period	Monitoring Frequency Required by Licence	Sampling method	Min Value	Mean value	Median value	Max Value
Point 50	Wind speed at 10 m	m/sec	15 minute	Not specified in Licence	AM-4	3.0	6.9	5.5	21.2
	Wind direction at 10 m		15 minute	Not specified in Licence	AM-2 and AM-4	98.7	180.6	188.0	257.6
	Air temperature	oC	15 minute	Not specified in Licence	AM-2 and AM-4	21.3	23.8	23.8	30.0
	Rainfall	mm	Daily	Not specified in Licence	AM-4	0.0	1.3	0.0	15.6

Data correction

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