

## 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](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: December 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	12	0.0006	0.0006	0.0006	0.0006
	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	12	0.1	0.5	0.5	1.8
Point 39 (Argenton)	Lead	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0008	0.0071	0.0036	0.0290
	Zinc	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0136	0.0467	0.0467	0.1089
	Cadmium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0002	0.0002	0.0002	0.0005
	Arsenic	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0002	0.0011	0.0006	0.0064
	Selenium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-20	61	0.0012	0.0012	0.0012	0.0012
	Mercury	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0002	0.0002	0.0002	0.0002
	TSP	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	14	43	33	275
PM10	Air monitoring	Micrograms per cubic metre	Continuous	AM-15	360	2.0	13.9	12.6	44.3	
Point 40	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	12	0.0006	0.0008	0.0006	0.0028
	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	12	0.1	0.6	0.5	2.7
Point 41	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	11*	0.0006	0.0007	0.0006	0.0015
	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	11*	0.3	1.0	0.7	2.3
Point 42	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	12	0.0006	0.0006	0.0006	0.0006
	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	12	0.2	0.5	0.4	1.4
Point 43 (South West Dam)	Lead	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0002	0.0093	0.0070	0.0325
	Zinc	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0246	0.0487	0.0426	0.1120
	Cadmium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0002	0.0002	0.0002	0.0005
	Arsenic	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0002	0.0010	0.0007	0.0054
	Selenium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-22	61	0.0012	0.0012	0.0012	0.0012
	Mercury	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	0.0002	0.0002	0.0002	0.0002
	TSP	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	61	4	49	40	140
	PM10	Air monitoring	Micrograms per cubic metre	Continuous	AM-19	229	1.7	11.1	8.9	77.0

\* no sample collected due to no access to gauge location

### Weather monitoring

EPA Point ID	Parameter	Units of measure	Averaging period	Monitoring Frequency Required by Licence	Sampling method	Min Monthly Value	Mean Monthly Value	Max Monthly Value	Total Monthly Value
Point 50	Wind speed at 10 m	km/hr	15 minute	Not specified in Licence	AM-4	0.2	8.4	39.0	NA
	Wind direction at 10 m	degrees	15 minute	Not specified in Licence	AM-2 and AM-4	21.3	156.4	311.8	NA
	Air temperature	oC	15 minute	Not specified in Licence	AM-2 and AM-4	13.7	24.0	39.9	NA
	Rainfall	mm	Daily	Not specified in Licence	AM-4	0.0	0.0	2.8	57.0

### Data correction

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