

EPL - Pollution Monitoring Data

Environment Protection Licence Number: 5042
 Licensee: Pasmenco Cockle Creek Smelter Pty Ltd
 Pasmenco 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&searchchange=licence&range=POEO licence&prp=no&status=Issued>
 Sampling Period: February 2017
 Date Published: 20th March 2017

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	0.2	0.3	0.3	0.4
Point 39 (Argenton)	Lead	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0012	0.0036	0.0031	0.0071
	Zinc	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0467	0.0704	0.0661	0.0875
	Cadmium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0002	0.0002	0.0002	0.0002
	Arsenic	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0004	0.0006	0.0005	0.0012
	Selenium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-20	9	0.0012	0.0012	0.0012	0.0012
	Mercury	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0002	0.0002	0.0002	0.0010
	TSP	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	18	64	52	130
Point 40	PM10	Air monitoring	Micrograms per cubic metre	Continuous	AM-15	59	0.0	15.8	15.6	28.2
	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.0006	0.0006	0.0006	0.0006
Point 41	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.2	0.3	0.3	0.3
	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.0006	0.0006	0.0006	0.0006
Point 42	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.6	1.6	1.6	2.5
	Lead	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.0006	0.0006	0.0006	0.0006
Point 43 (South West Dam)	Particulates - Deposited Matter	Air monitoring	Grams per square metre per month	Monthly	AM-19	2	0.1	0.3	0.3	0.5
	Lead	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0024	0.0072	0.0045	0.0318
	Zinc	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0333	0.0499	0.0442	0.0869
	Cadmium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0002	0.0002	0.0002	0.0006
	Arsenic	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0002	0.0006	0.0005	0.0013
	Selenium	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-22	9	0.0012	0.0012	0.0012	0.0012
	Mercury	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	0.0002	0.0002	0.0002	0.0002
Point 50	TSP	Air monitoring	Micrograms per cubic metre	Every 6 days	AM-15	9	16	61	59	125
	PM10	Air monitoring	Micrograms per cubic metre	Continuous	AM-19	59	0.0	12.9	12.8	30.0

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	0.0	8.3	43.4	NA
	Wind direction at 10 m	degrees	15 minute	Not specified in Licence	AM-2 and AM-4	21.9	180.5	318.1	NA
	Air temperature	oC	15 minute	Not specified in Licence	AM-2 and AM-4	13.9	24.8	45.1	NA
	Rainfall	mm	Daily	Not specified in Licence	AM-4	0.0	2.6	19.4	73.4

Data correction

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