



Licensee: **Koppers Carbon Materials & Chemicals Pty Ltd**

Address: **Woodstock Street Mayfield NSW 2304**

EPL No.: **2156**

Date Results Obtained: **4/06/2019**

Frequency of Monitoring as Required by Licence: **Three & Six Monthly**

Parameter	Units	Frequency	EPL Point1	EPL Point 3	EPL Point 4	EPL Point 5	EPL Point 8	EPL Point 9A	EPL Point 9B	EPL Point 10	EPL Point 11	EPL Point 12
Stack ID			111H	414H	518H	711H	611H	Boiler 1	Boiler 2	Creosote Reboiler	Tar Reboiler	Naphthalene Reboiler
Benzene	mg/m <sup>3</sup>	3 months	Not Operational at time of testing	12	Not Operational at time of testing	Not Operational at time of testing	64	N/A	N/A	<0.19	<0.18	<0.19
Hydrogen Sulphide	mg/m <sup>3</sup>	6 months	as above	N/A	as above	as above	N/A	N/A	N/A	<0.19	<0.18	<0.19
Naphthalene	mg/m <sup>3</sup>	3 months	as above	180	as above	as above	43	N/A	N/A	0.034	0.032	<0.013
Polycyclic Aromatic Hydrocarbons	mg/m <sup>3</sup>	3 months	as above	320	as above	as above	4.1	N/A	N/A	0.051	0.038	0.019
Volatile Organic Compounds	mg/m <sup>3</sup>	3 months	as above	184	as above	as above	79	N/A	N/A	0.73	11.4	0.26
Volatile Organic Compounds as n-propane equivalent	mg/m <sup>3</sup>	3 months	as above	81	as above	as above	43	N/A	N/A	0.35	8.6	0.12
Temperature	°C	6 months	as above	N/A	as above	as above	N/A	N/A	N/A	N/A	N/A	N/A
Velocity	m/s	6 months	as above	N/A	as above	as above	N/A	N/A	N/A	N/A	N/A	N/A
Volumetric Flowrate	m <sup>3</sup> /sec	6 months	as above	N/A	as above	as above	N/A	N/A	N/A	N/A	N/A	N/A

Parameter	Units	Frequency	EPL Point 10	EPL Point 11
Stack ID			Creosote Reboiler	Tar Reboiler
Sulphur Dioxide	mg/m <sup>3</sup>	3 months	350	160
Sulphur Trioxide	mg/m <sup>3</sup>	3 months	16 <b>(100)</b>	14 <b>(100)</b>

Note: EPL Limit in Parenthesis

#### **Comments**

All results are within Environmental Protection Licence limits.

#### **Link to Environmental Protection Licence**

<https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=161523&SYSUID=1&LICID=2156>