WAMBO COAL PTY LIMITED

MONTHLY ENVIRONMENTAL MONITORING REPORT

October 2014

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1.0 Introduction

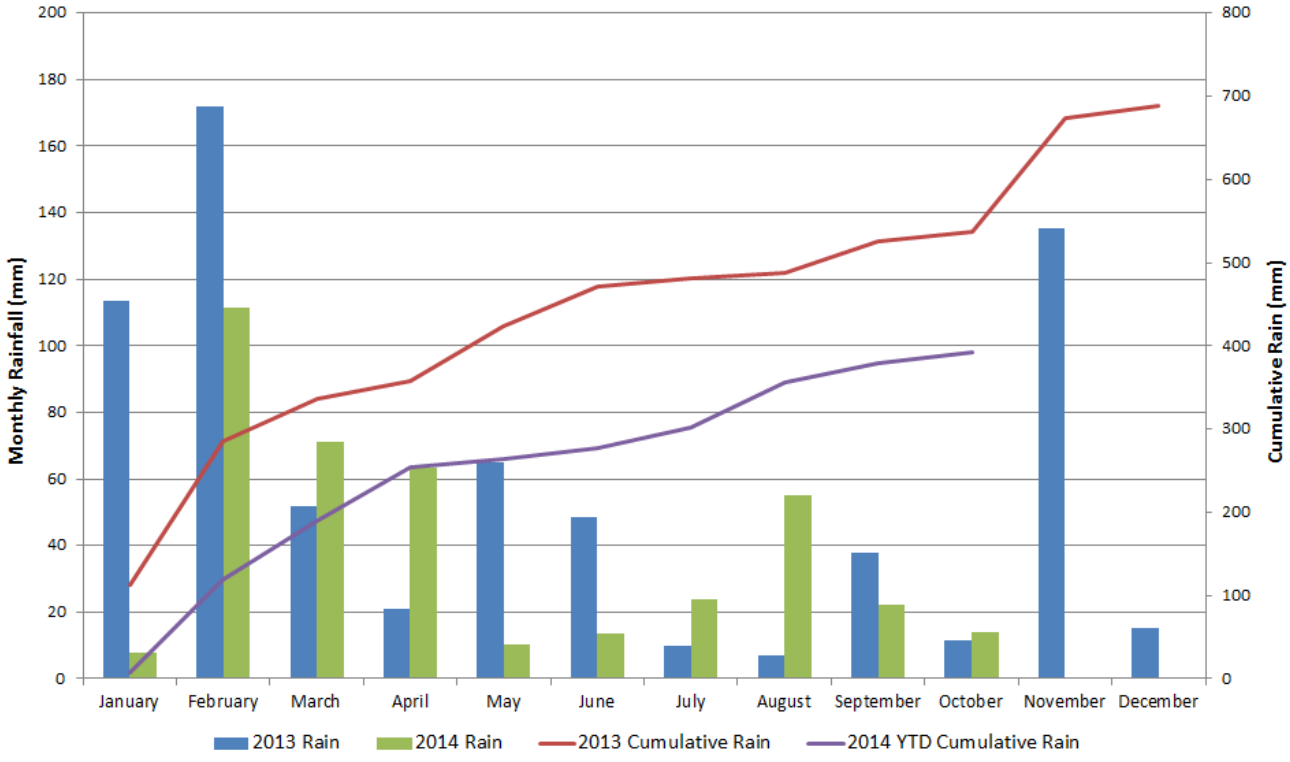
This report presents environmental monitoring results for the reporting period **Wednesday 1st October to Friday 31st October 2014**. Monitoring during this period includes meteorological measurement, surface and ground water sampling, depositional dust sampling, High Volume Air Sampling, blasting events and PM_{10} real time air monitoring results.

2.0 Meteorological Data

2.1. Rainfall

Approximately **14mm** of rain was received during October. Year to date rainfall in comparison to 2013 results are shown in **Figure 1**.

Figure 1 - Monthly and Cumulative Rainfall



2.2. Wind

Results for reporting period are available in **Appendix A**.

3.0 Surface Water Sampling

Surface water samples are collected in accordance with **AS/NZS 5667.4:1998 – *Guidance on sampling from lakes, natural and man-made*** **and AS/NZS 5667.6:1998 – *Guidance on sampling of rivers and streams***. All samples collected were analysed in the field for **pH**, electrical conductivity (**EC**) and temperature. Selected sites were analysed in a **NATA*** accredited laboratory for total suspended solids (**TSS**) and total dissolved solids (**TDS**).

*National Association of Testing Authorities - **NATA is the authority that provides independent assurance of technical competence.**

Historical trend charts for SW15 (Eagles Nest Dam – Discharge Point) and SW01, SW40 and SW02 (Wollombi Brook Upstream and Downstream locations) are available in **Appendix B**.

October results are detailed below in **Table 1**.

Table 1 - Monthly Surface Water Results – October 2014

Sample Location	pH	EC (µS/cm)	TSS (mg/L)	TDS (mg/L)	Oil & Grease (mg/L)	Temp (°C)	Comments
WOLLOMBI BROOK							
SW01 - Wollombi Brook Up	7.7	696	4	333	-	24.1	-
SW03 - Wollombi Brook Pump Out	7.1	683	5	331	<2	21.6	-
SW02 - Wollombi Brook Down	7.8	825	7	416	<5	24.8	-
SW40 - Confluence with SWC	7.9	600	<1	295	-	22.7	-
NORTH WAMBO CREEK							
SW04 - North Wambo Creek Up	-	-	-	-	-	-	Dry
SW27a - North Wambo Creek Middle Lower	-	-	-	-	-	-	Dry
SW32a - North Wambo Creek Pump	8.8	1429	32	902	-	18.7	-
SW05 - North Wambo Creek Down	7.3	1273	6	744	-	16.1	-
SOUTH WAMBO/STONY CREEK							
SW06 - South Wambo Creek	7.9	505	<1	272	-	18.4	-
SW07 - South Wambo/Stony Creek	-	-	-	-	-	-	Dry
SW08 - Stony Creek	-	-	-	-	-	-	Dry
LONGFORD/DOCTOR'S CREEKS							
SW43 - Longford Creek Up	8.4	8490	15	183	<2	28.6	-
SW44 – Longford Creek Down	8.0	7010	161	617	<2	25.8	-
SW46 - Doctors Creek Up	-	-	-	-	-	-	Dry
SW45 – Doctors Creek Down	8.9	5240	55	2680	2	26.3	-
WATERFALL CREEK							
SW39 – Waterfall Creek Midstream	-	-	-	-	-	-	Dry
MINE WATER DAMS							
SW11 - West Cut Dam Pipe	Not Pumping						-
SW12 - West Cut Dam	8.8	7860	-	-	-	20.9	-
SW14 - Box Cut Dam (Admin)	8.3	769	-	-	-	20.5	-
SW15 - Eagles Nest Dam	9.0	7930	-	4960	-	20.4	-
SW20 - Dam Adjacent to West Cut Dam	-	-	-	-	-	-	Dry

Sample Location	pH	EC (µS/cm)	TSS (mg/L)	TDS (mg/L)	Oil & Grease (mg/L)	Temp (°C)	Comments
SW29 - SCB Dam	9.6	1411	-	-	-	19.9	-
SW30 - Turkeys Nest	9.0	7730	-	-	-	19.6	-
SW31 - Gordon Below Franklin	9.1	7710	-	-	-	20.1	-
SW37 - Wollemi Sump	-	-	-	-	-	-	No longer exists
SW38 - Homestead Open Cut	8.8	8880	-	-	-	20.4	-
SW47 - NWU Pumpout Water	-	-	-	-	-	-	No longer exists
SW48 - Inpit sample	-	-	-	-	-	-	No longer exists
SW49 - Bates Pit Pumpout	-	-	-	-	-	-	No access
SW51 – South Dam	-	-	-	-	-	-	Decommissioned
SW50 - Hunter River Water	Not Pumping						-

Note: Figures in bold fall outside trigger levels.

3.1. Hunter River Salinity Trading Scheme (HRSTS)

During the reporting period no water was discharge under the HRSTS.

4.0 Groundwater Sampling

Groundwater results are collected on a bi-monthly basis. No data was collected for October.

Table 2 - Ground Water Results – October 2014

Sample Location	pH	EC (µS/cm)	Depth to Water (m)	Temp (°C)	Comments
GW02	-	-	-	-	-
GW11	-	-	-	-	-
P106	-	-	-	-	-
P109	-	-	-	-	-
P110	-	-	-	-	-
P111	-	-	-	-	-
P114	-	-	-	-	-
P116	-	-	-	-	-
P202	-	-	-	-	-
P206	-	-	-	-	-
P301	-	-	-	-	-
P315	-	-	-	-	-
GW12	-	-	-	-	-
GW13	-	-	-	-	-
GW14	-	-	-	-	-
GW15	-	-	-	-	-
GW16	-	-	-	-	-
GW17	-	-	-	-	-
GW18	-	-	-	-	-
GW19	-	-	-	-	-
GW20	GW20 is a vibration wire multi-piezometer installation				

Sample Location	pH	EC (µS/cm)	Depth to Water (m)	Temp (°C)	Comments
GW21	-	-	-	-	-
GW22	-	-	-	-	-
P1*	-	-	-	-	-
P3*	-	-	-	-	-
P5*	-	-	-	-	-
P6*	-	-	-	-	-
P11*	-	-	-	-	-
P12*	-	-	-	-	-
P13*	-	-	-	-	-
P15*	-	-	-	-	-
P16*	-	-	-	-	-
P17*	-	-	-	-	-
P18*	-	-	-	-	-
P20*	-	-	-	-	-

Note: All depths measured to top of casing, except United bores which are to ground. Figures in bold are outside trigger levels listed in Table 5 of the Ground Water Monitoring Programme (GWMP), which is part of the Site Water Management Plan.
***** Represents data that is provided on a quarterly basis. The results are to be updated once available.

5.0 Depositional Dust Sampling

Fifteen depositional dust gauges were collected for the reporting period. Sampling and analysis is conducted in accordance with **AS 3580.10.1 – 1991 – *Determination of particulates – Deposited matter – Gravimetric method*.** All gauges were analysed for insoluble solids (**IS**) and ash residue (**AS**). Field observations include water quantity and quality, and any visible contaminants in the sample.

Insoluble solid results are reported on the **annual average** of **4g/m^2/month** of all **uncontaminated results** which are not located on Wambo Coal owned land. No depositional dust gauge locations were outside the prescribed criteria level for the reporting period.

October results are presented in **Table 3** and **Figure 2** below.

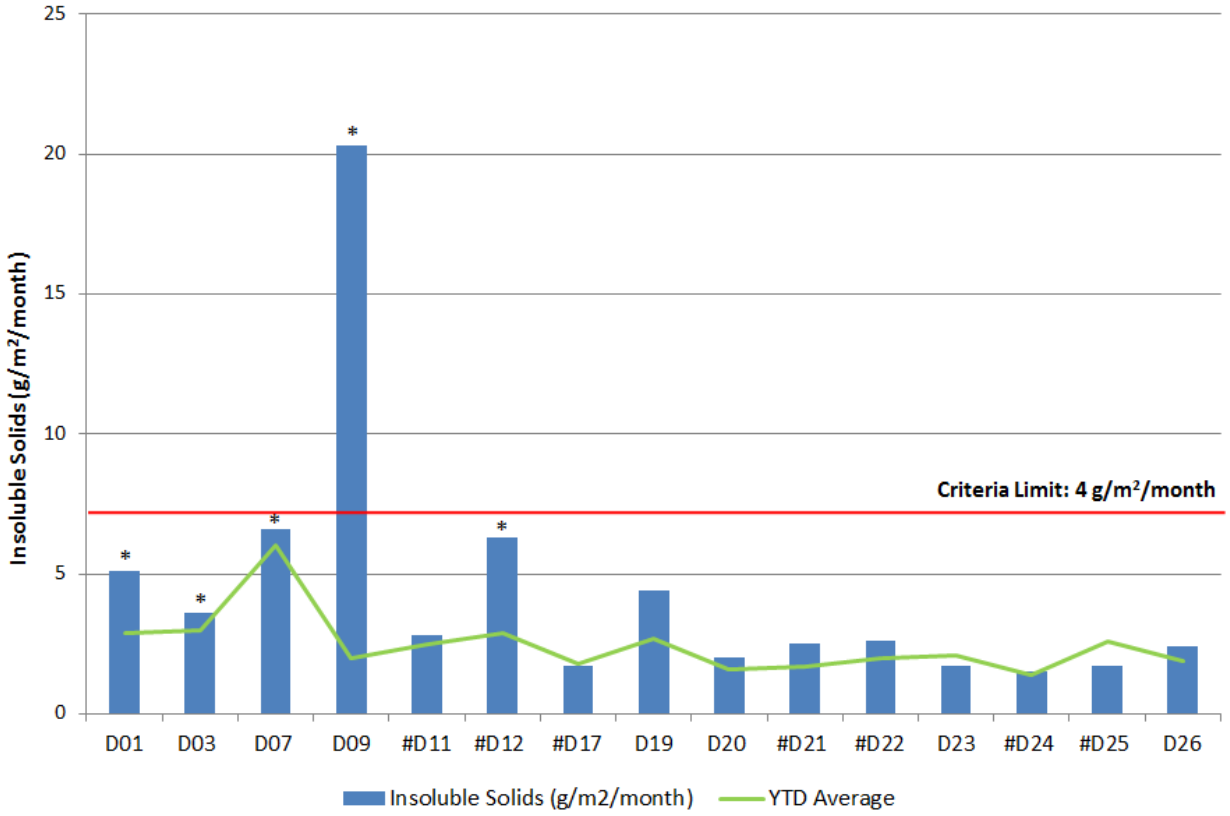
Table 3 - Dust Deposition Results – October 2014

Site	Insoluble Solids (IS) (g/m^2.month)	Ash Residue (AR) (g/m^2.month)	IS:AR Ratio	IS YTD Average (g/m^2.month)	AR YTD Average (g/m^2.month)
D01*	5.1	2.3	45	2.9	2.0
D03*	3.6	2.1	58	3.0	2.1
D07*	6.6	3.4	52	6.0	3.4
D09*	20.3	2.8	14	2.0	1.6
# D11	2.8	1.8	64	2.5	1.5
# D12*	6.3	3.3	52	2.9	2.1
# D17	1.7	1.0	59	1.8	1.0
D19	4.4	2.1	48	2.7	1.7
D20	2.0	1.1	55	1.6	1.2

Site	Insoluble Solids (IS) (g/m^2.month)	Ash Residue (AR) (g/m^2.month)	IS:AR Ratio	IS YTD Average (g/m^2.month)	AR YTD Average (g/m^2.month)
# D21	2.50	1.50	60	1.7	1.2
# D22	2.6	1.7	65	2.0	1.4
D23	1.7	1.1	65	2.1	1.3
# D24	1.5	0.8	53	1.4	0.7
# D25	1.70	1.10	65	2.6	2.1
D26	2.4	1.7	71	1.9	1.4

Note:
Results in **bold** are YTD average above 4g/m^2/month
Results # are dust gauges not on WCPL owned land. DD gauges on Wambo Coal land and above criteria level are not considered non-compliance.
* Contaminated sample

Figure 2 - Deposition Dust Gauge Results – October 2014



Note:
* Monthly sample contaminated by bird droppings, vegetation, insects.
# Depositional dust gauges not located on WCPL owned land. Results above criteria at these locations not considered non-compliances.

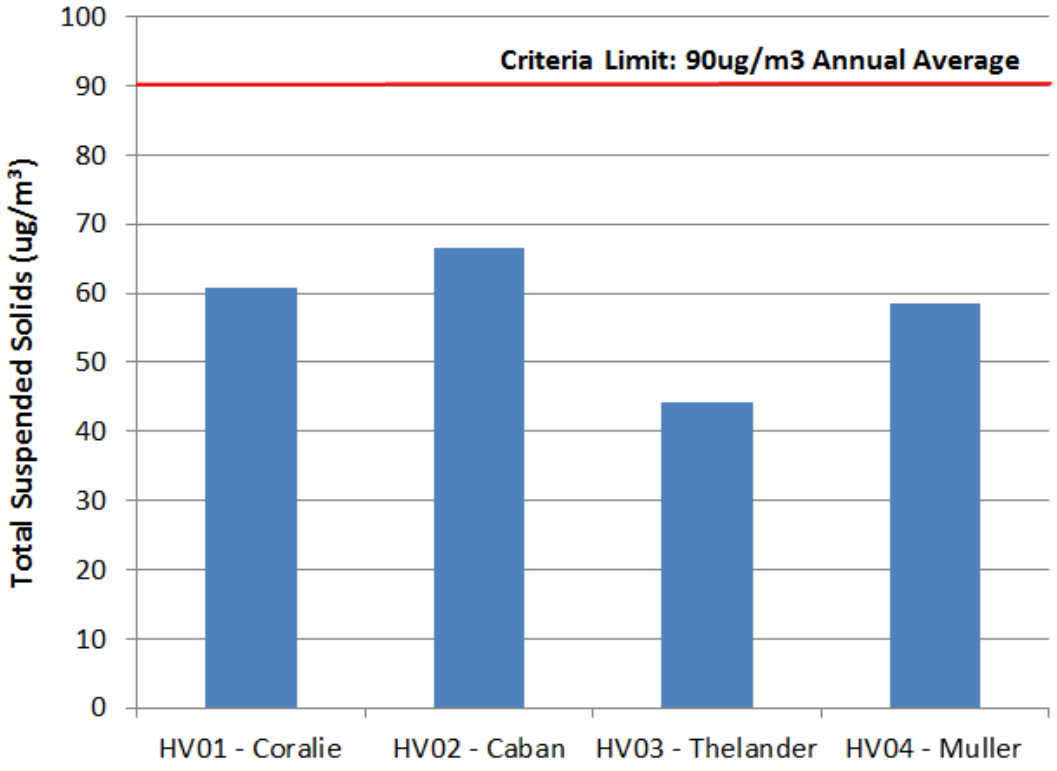
6.0 High Volume Air Sampling

Four High Volume Air Samplers (**HVAS**) operate at locations surrounding Wambo. All units sampled Total Suspended Particulates (**TSP**) over a 24-hour period on a six day cycle, in accordance with **AS 2724.3 – 1984 – *Determination of total suspended particulates (TSP) – High volume sampler gravimetric method*.** Reported yearly means for locations are within the reporting criteria of **90µg/m^3**. October results are presented in **Table 4** and **Figure 3** below.

Table 4 - HVAS Results – October 2014

Date of Run	HV01 - Coralie TSP (µg/m^3)	HV02 - Caban TSP (µg/m^3)	HV03 - Thelander TSP (µg/m^3)	HV04 - Muller TSP (µg/m^3)
1/10/2014	52.6	116	48.1	71.5
7/10/2014	99.1	106	28.4	117
13/10/2014	94.6	92.6	60.1	78.4
19/10/2014	92.4	73.6	49.7	83.1
25/10/2014	69.6	78.2	67.5	42.8
31/10/2014	130	132	79	130
Monthly Mean	89.7	99.7	55.4	87.1
Yearly Mean	60.7	66.6	44.3	58.5

Figure 3 - HVAS YTD Annual Average – October 2014



7.0 Blast Events

Four monitoring sites measure ground vibration and air blast overpressure for blasts conducted at Wambo. **Eight** blasts were conducted during the reporting period. Monitoring at all four sites is conducted under the blast monitoring requirements set out in the **Wambo EPA licence (EPL 529) and DA 305-7-2003.** The blasting criteria are summarised in **Table 5** below.

Table 5 - Blasting Criteria Limits

Airblast Overpressure (dB(L))	**Allowable exceedance**
115	5% of the total number of blasts over a period of 12 months
120	0%
Ground Vibration (mm/s)	**Allowable exceedance**
5	5% of the total number of blasts over a period of 12 months
10	0%

All measured blast events for October 2014 were within the prescribed criteria limits. Blast results are presented in **Table 6** below.

Table 6 - Blast Results – October 2014

Date	Time	Location	Kelly Residence – A0728			Wambo Homestead – A0722			Harris Site – A6006			Muller Residence – A6005		
			Over Pressure (dB(L))	Vibration (mm/s)	Wave -form	Over Pressure (dB(L))	Vibration (mm/s)	Wave -form	Over Pressure (dB(L))	Vibration (mm/s)	Wave-form	Over Pressure (dB(L))	Vibration (mm/s)	Wave-form
2/10/2014	14:41:47	M20RCA3	95.8	0.08	YES	<115.0	<0.16	NO	105.5	0.06	YES	101.2	0.53	YES
3/10/2014	14:05:31	BS5WMA2	104.9	0.13	YES	<115.0	<0.16	NO	108.3	0.13	YES	99.4	0.08	YES
8/10/2014	15:03:57	BS5WMA3	105.1	0.19	YES	107.7	0.57	YES	104.2	0.22	YES	104	0.1	YES
10/10/2014	13:01:10	M20RCA4	99.8	0.11	YES	<115.0	<0.16	NO	98	0.05	YES	99.9	0.21	YES
16/10/2014	14:03:29	M22WWA1	101.5	0.06	YES	95.8	0.09	YES	104.2	0.08	YES	94.7	0.73	YES
22/10/2014	14:38:50	BS5RA4	101.6	0.57	YES	106.4	1.67	YES	100.1	0.57	YES	100.3	0.18	YES
27/10/2014	15:09:06	M15WRA3	101	0.1	YES	115.2	0.11	YES	110.3	0.14	YES	113	0.3	YES
29/10/2014	14:44:02	BS5WRA4a	101.6	0.28	YES	101.3	1.85	YES	97	0.34	YES	99.4	0.2	YES

Date	Time	Location	Thelander Residence – A8047		
			Over Pressure (dB(L))	Vibration (mm/s)	Wave-form
2/10/2014	14:41:47	M20RCA3	101.9	0.41	YES
3/10/2014	14:05:31	BS5WMA2	98.4	0.13	YES
8/10/2014	15:03:57	BS5WMA3	104.4	0.12	YES
10/10/2014	13:01:10	M20RCA4	101.9	0.22	YES
16/10/2014	14:03:29	M22WWA1	97.7	0.6	YES
22/10/2014	14:38:50	BS5RA4	102.9	0.3	YES
27/10/2014	15:09:06	M15WRA3	107.5	0.28	YES
29/10/2014	14:44:02	BS5WRA4a	93.7	0.23	YES

8.0 Noise Monitoring

8.1. Attended Monitoring

Attended noise monitoring is undertaken on a quarterly basis. No attended noise monitoring was undertaken during October.

8.2. Real Time Monitoring

Real time noise monitoring results are reported in a quarterly format and can be found on the Peabody Wambo website at www.peabodyenergy.com/content/404/Australia-Mining-New/New-South-Wales/Wambo-Mine.

9.0 Real-Time Air Quality Monitoring

Four real time Tapered Element Oscillating Microbalance (**TEOM)** units were in operation during the reporting period. The sites are located at Coralie (**PM01**), the Caban residence (**PM02**), Thelander residence (**PM03**) and the Muller residence (**PM04**). These units measure particulate matter less than 10 microns in diameter (PM_{10}) on a continuous basis and provide a 24 hour average result. These units operated and sampled in accordance with **AS 3580.9.8 - 2002, *Method for Sampling and Analysis of Ambient Air - Determination of Suspended Particulate Matter - PM_{10} Continuous Direct Mass Method using a Tapered Element Oscillating Microbalance Analyser*.**

September results are presented in **Table 7** and **Figure 4** below.

All **PM_{10}** sites were within the yearly average criteria limits of **30ug/m^3**, no sites were outside of 24hr average criteria of **50ug/m^3** for a single day during this reporting period.

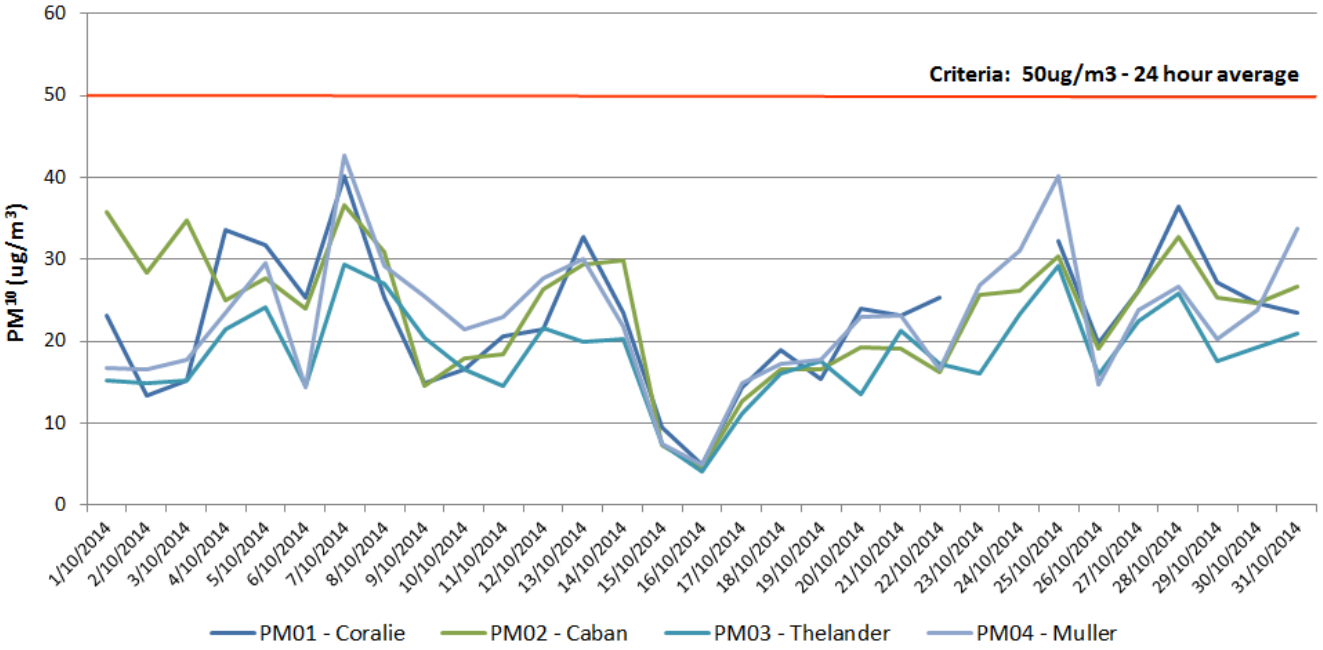
Table 7 - PM_{10} Results – October 2014

Date of Run	PM01 (Coralie)		PM02 (Wambo Road)		PM03 (Thelander)		PM04 (Muller)	
	PM10 24 Hour Result (ug/m^3)	YTD Average	PM10 24 Hour Result (ug/m^3)	YTD Average	PM10 24 Hour Result (ug/m^3)	YTD Average	PM10 24 Hour Result (ug/m^3)	YTD Average
1/10/2014	23.1	15.5	35.8	17.4	15.2	13.7	16.8	15.7
2/10/2014	13.3	15.5	28.3	17.5	14.8	13.7	16.5	15.7
3/10/2014	15.2	15.5	34.7	17.5	15.2	13.7	17.7	15.7
4/10/2014	33.6	15.6	25.0	17.6	21.4	13.7	23.4	15.7
5/10/2014	31.7	15.7	27.6	17.6	24.2	13.8	29.5	15.8

Date of Run	PM01 (Coralie)		PM02 (Wambo Road)		PM03 (Thelander)		PM04 (Muller)	
	PM10 24 Hour Result (ug/m^3)	YTD Average	PM10 24 Hour Result (ug/m^3)	YTD Average	PM10 24 Hour Result (ug/m^3)	YTD Average	PM10 24 Hour Result (ug/m^3)	YTD Average
6/10/2014	25.4	15.7	23.9	17.6	14.6	13.8	14.4	15.8
7/10/2014	40.2	15.8	36.6	17.7	29.3	13.8	42.6	15.9
8/10/2014	25.4	15.8	30.9	17.7	27.0	13.9	29.2	15.9
9/10/2014	14.8	15.8	14.5	17.7	20.5	13.9	25.5	16.0
10/10/2014	16.5	15.8	17.9	17.7	16.5	13.9	21.5	16.0
11/10/2014	20.6	15.8	18.4	17.7	14.6	13.9	23.0	16.0
12/10/2014	21.5	15.8	26.3	17.8	21.6	13.9	27.7	16.0
13/10/2014	32.7	15.9	29.3	17.8	19.9	14.0	30.1	16.1
14/10/2014	23.4	15.9	29.9	17.8	20.3	14.0	21.7	16.1
15/10/2014	9.4	15.9	7.3	17.8	7.5	14.0	7.5	16.1
16/10/2014	4.9	15.9	4.6	17.8	4.1	13.9	4.9	16.0
17/10/2014	14.4	15.9	12.6	17.7	11.1	13.9	14.8	16.0
18/10/2014	18.9	15.9	16.5	17.7	16.1	13.9	17.3	16.0
19/10/2014	15.4	15.9	16.6	17.7	17.5	13.9	17.8	16.0
20/10/2014	24.0	15.9	19.2	17.7	13.5	13.9	23.0	16.1
21/10/2014	23.2	15.9	19.0	17.7	21.3	14.0	23.1	16.1
22/10/2014	25.3	16.0	16.2	17.7	17.2	14.0	16.5	16.1
23/10/2014	NRR	16.0	25.7	17.8	16.1	14.0	26.8	16.1
24/10/2014	NRR	16.0	26.1	17.8	23.3	14.0	31.0	16.2
25/10/2014	32.3	16.0	30.4	17.8	29.2	14.1	40.2	16.3
26/10/2014	19.7	16.0	19.1	17.8	15.9	14.1	14.7	16.3
27/10/2014	26.2	16.1	26.2	17.9	22.5	14.1	23.8	16.3
28/10/2014	36.5	16.1	32.7	17.9	25.8	14.1	26.6	16.3
29/10/2014	27.1	16.2	25.3	17.9	17.5	14.1	20.2	16.3
30/10/2014	24.6	16.2	24.6	18.0	19.2	14.2	23.8	16.4
31/10/2014	23.5	16.2	26.6	18.0	21.0	14.2	33.8	16.4

Note:
Results in **red** are greater that the 24hr period guidelines of 50ug/m^3
Results in **bold** are between 30ug/m^3 and 50ug/m^3
NRR – No Result Recorded as monitor offline.

Figure 4 - 24 Hour Average PM_{10} Results – October 2014



10.0 Community Complaints

During the reporting period **six** complaints were received. Thirty one complaints have been received year to date, compared to twenty eight during the same reporting period in 2013.

Details of the community complaints are available on the Peabody Wambo website at www.peabodyenergy.com/content/422/Australia-Mining/New-South-Wales/Wambo-Mine/Approvals-Plans-and-Reports-Wambo-Mine.

Appendix A

Wambo Weather Station

Meteorological Data

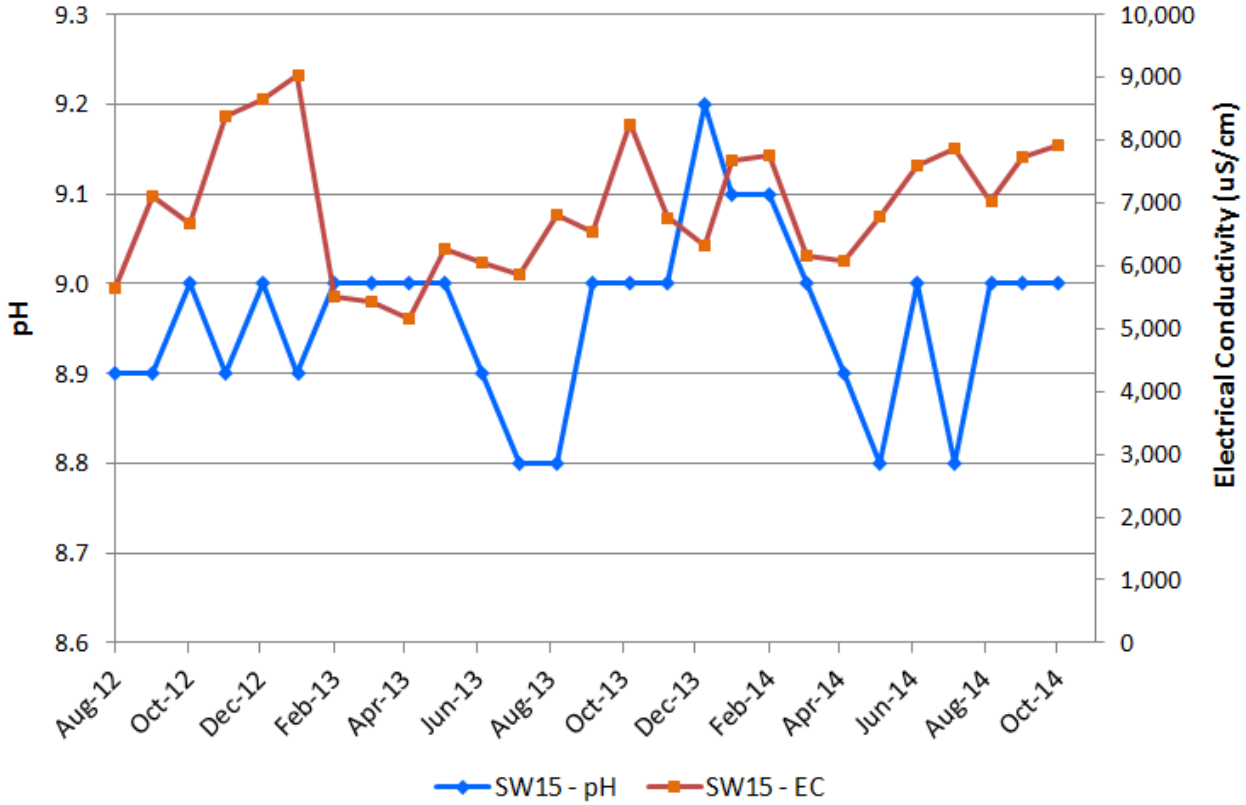
Meteorological Data October 2014

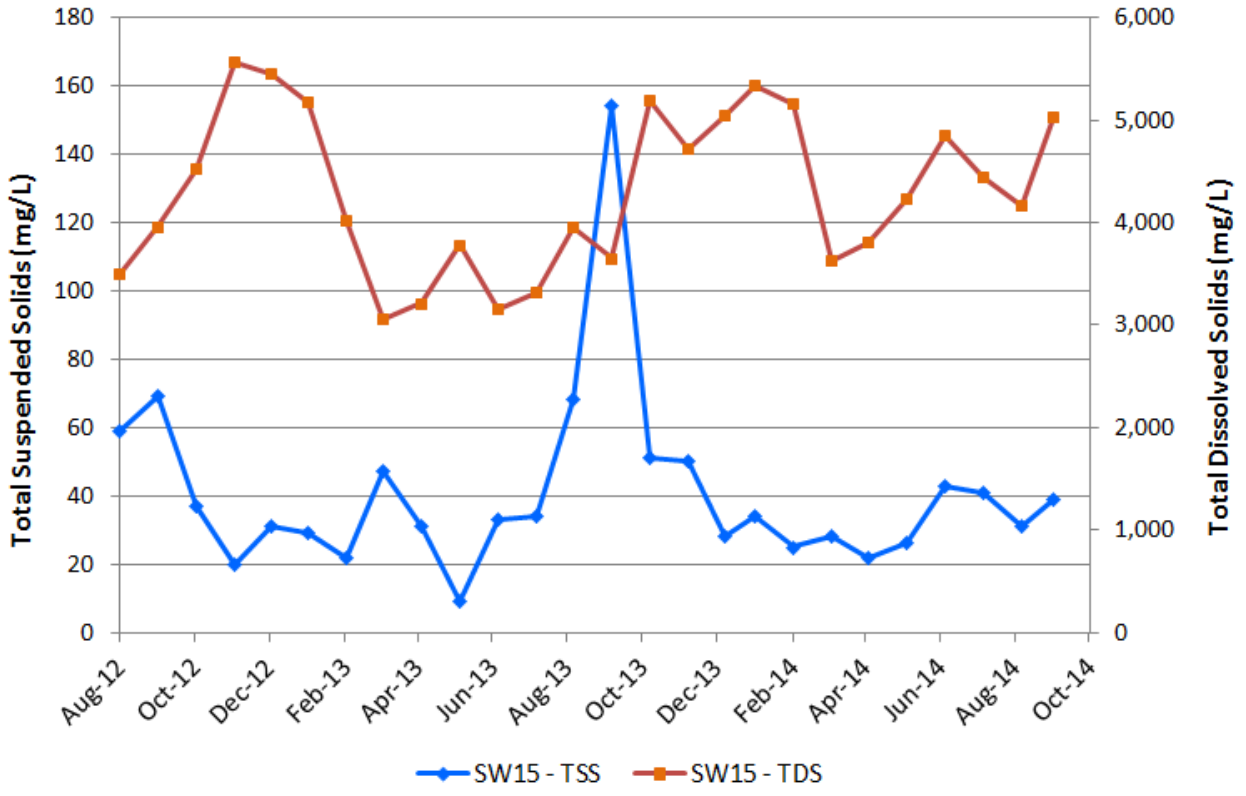
Date	Temperature (2m)			Temperature (10m)			Temperature Inversion			Humidity			Solar Radiation			Rain	Wind Speed		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	mm	Min	Avg	Max
01/10/14	7.9	18.4	24.9	9.5	19.2	25.9	-7.7	9.7	49.0	15.0	38.0	75.0	-2.3	271.8	893.5	0.0	0.1	2.3	3.9
02/10/14	4.0	14.1	24.9	5.4	15.1	24.6	-17.3	12.2	47.1	25.3	60.7	94.9	-2.3	263.6	858.6	0.0	0.1	1.7	3.3
03/10/14	5.5	15.8	24.8	7.2	16.6	24.6	-4.9	9.8	41.5	39.0	70.4	94.6	-2.2	253.6	898.9	0.0	0.1	1.9	3.6
04/10/14	12.0	19.6	29.4	13.7	20.2	29.4	-13.9	8.0	36.2	23.9	63.2	92.4	-1.7	240.4	877.8	0.0	0.3	1.7	3.4
05/10/14	6.7	20.3	33.9	8.1	21.7	33.5	-10.1	17.0	67.4	12.5	50.2	95.9	-2.3	271.0	877.8	0.0	0.1	2.0	3.7
06/10/14	12.9	21.9	33.6	14.7	22.8	32.7	-16.2	11.9	39.1	17.0	59.6	93.5	-1.7	257.4	846.6	0.0	0.0	1.7	2.8
07/10/14	13.5	23.4	32.0	15.9	24.4	31.9	-5.0	12.1	89.8	27.9	48.9	91.9	-1.7	226.2	852.8	0.0	0.3	2.4	4.1
08/10/14	11.0	16.3	22.1	12.7	17.0	21.8	-9.1	7.8	29.6	48.9	76.4	94.1	-1.7	165.5	1088.9	0.0	0.3	2.0	3.6
09/10/14	11.9	17.3	23.9	13.0	17.8	23.8	-6.5	5.4	24.3	36.8	68.5	94.4	-1.7	205.4	1071.0	0.0	0.0	1.8	3.3
10/10/14	6.9	18.8	29.6	8.5	19.3	28.9	-17.2	6.6	31.9	23.1	62.9	96.0	-2.0	267.3	985.4	0.0	0.2	1.7	3.1
11/10/14	10.2	20.6	30.8	12.3	21.5	30.4	-14.8	10.5	29.2	19.5	60.3	96.2	-1.8	212.4	958.9	0.0	0.2	1.6	3.3
12/10/14	8.6	20.9	32.8	10.3	21.8	32.2	-10.5	10.8	46.0	17.8	59.0	95.9	-2.1	270.2	872.5	0.0	0.3	1.6	3.3
13/10/14	11.3	19.3	28.2	12.8	19.9	27.6	-11.3	7.9	28.5	39.8	71.8	95.5	-1.7	133.4	907.0	4.8	0.2	1.9	4.3
14/10/14	8.7	14.9	19.9	9.2	15.2	19.6	-6.4	4.2	15.6	26.9	64.8	95.8	-1.8	176.8	1062.8	4.8	0.3	2.1	3.7
15/10/14	7.7	13.1	19.6	8.8	13.7	19.5	-6.9	7.7	37.1	40.2	66.6	90.7	-2.3	134.5	971.0	1.1	0.2	2.1	3.8
16/10/14	3.8	14.8	24.9	5.1	15.6	24.7	-12.8	9.5	40.6	20.7	60.1	97.2	-2.2	298.6	935.1	0.0	0.1	1.9	3.7
17/10/14	6.3	14.2	21.9	7.9	15.0	21.6	-10.3	9.7	34.1	39.0	71.8	96.0	-2.2	195.7	1055.0	0.0	0.3	1.9	3.6
18/10/14	10.6	16.4	22.6	12.1	16.9	22.3	-7.2	6.5	32.5	37.1	62.6	88.7	-1.8	242.2	1116.7	0.0	0.4	1.9	3.1
19/10/14	6.5	18.0	29.5	8.1	18.8	28.9	-12.4	9.9	40.2	22.6	60.1	96.2	-2.2	288.4	895.4	0.0	0.1	1.5	2.7
20/10/14	8.7	16.0	21.6	10.0	16.6	21.3	-6.4	8.1	33.1	54.0	75.9	94.9	-1.8	103.5	564.7	0.0	0.4	2.5	3.6
21/10/14	14.4	16.4	19.6	14.8	16.6	19.4	-6.2	3.0	7.1	48.0	66.0	84.4	-1.7	121.5	511.2	0.0	0.6	2.3	3.3
22/10/14	8.9	17.6	26.2	10.1	18.2	25.8	-15.5	7.3	34.6	33.8	62.6	93.0	-2.1	296.7	915.4	0.0	0.1	1.4	2.4
23/10/14	10.3	21.4	33.4	11.2	22.3	33.1	-8.5	10.8	29.5	25.9	59.8	94.7	-1.8	192.8	977.6	0.0	0.0	1.5	2.5
24/10/14	14.1	22.5	32.1	15.6	23.3	31.7	-10.3	9.6	27.2	32.8	67.1	93.6	-1.7	216.3	1019.7	3.0	0.1	1.7	4.1
25/10/14	13.9	24.5	35.9	15.6	25.3	35.5	-9.4	10.4	44.2	18.6	62.5	97.2	-2.0	235.0	913.3	0.4	0.2	1.5	2.8
26/10/14	15.3	26.4	39.6	16.7	26.9	39.5	-8.9	6.1	26.0	11.8	57.7	96.6	-1.7	296.9	920.1	0.0	0.2	2.2	3.7
27/10/14	18.1	26.7	36.7	19.5	27.1	36.4	-13.7	5.1	25.1	16.8	47.7	89.5	-1.7	239.7	1029.2	0.0	0.1	2.4	4.2
28/10/14	13.2	22.3	30.9	14.4	23.1	30.5	-11.3	9.5	46.7	11.8	32.8	72.7	-1.7	315.5	977.9	0.0	0.1	2.2	4.0
29/10/14	8.8	19.9	29.9	10.8	20.8	29.7	-13.9	11.3	50.1	22.3	46.4	81.0	-1.8	434.7	932.3	0.0	0.2	1.6	3.6
30/10/14	17.1	23.8	33.8	18.9	25.1	33.8	0.4	16.0	28.0	12.1	46.5	66.1	-1.7	35.0	303.4	0.0	0.5	1.6	2.9
31/10/14	9.7	25.1	38.1	5.1	25.9	37.6	-13.2	9.7	34.4	12.1	45.4	94.5	-1.8	304.6	943.9	0.0	0.2	2.0	4.9
MONTH	3.8	19.4	39.6	5.1	20.1	39.5	-17.3	9.2	89.8	11.8	59.6	97.2	-2.3	231.2	1,116.7	13.9	0.0	1.9	4.9

Appendix B

Surface Water Graphs

SW 15 – Eagles Nest Dam (EPL Discharge Point)





SW 01 – Wollombi Brook Upstream (U/S) near Bulga Township

SW 40 – Wollombi Brook Upstream (U/S) of South Wambo Creek

SW 02 – Wollombi Brook Downstream (D/S) near Warkworth Village