

**WERRIS CREEK COAL EPL – MONTHLY SUMMARY**

**Site Information**

**EPL No.:** 12290

**EPA Website Link:** <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31280&SYSUID=1&LICID=12290>

**Licensee:** Werris Creek Coal Pty Limited

**Premises:** Werris Creek Coal, 1435 Werris Creek Road, WERRIS CREEK NSW 2341

**EPL Monitoring Points:** See figure at end of document

**Sampling Period:** June 2020

**Obtained Date:** 8<sup>th</sup> July 2020

**Publication Date:** 13<sup>th</sup> July 2020

**Table 1 - No Pollutant Limits Apply**

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Measurements for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max Value
28	PM10	µg/m <sup>3</sup>	Every 6 days	5	25/06/2020	08/07/2020	0.7	4.2	1.7	9.7
	Solid Particles	g/m <sup>2</sup> /month	Continuous	1	19/06/2020	6/07/2020	0.4	0.4	0.4	0.4
29	PM10	µg/m <sup>3</sup>	Every 6 days	5	25/06/2020	08/07/2020	3.2	12.6	7.6	37.4
	Solid Particles	g/m <sup>2</sup> /month	Continuous	1	19/06/2020	6/07/2020	0.8	0.8	0.8	0.8
30	PM10	µg/m <sup>3</sup>	Continuous	Continuous	30/06/2020	1/07/2020	4.9	10.3	10.4	14.7
	Solid Particles	g/m <sup>2</sup> /month	Continuous	1	19/06/2020	6/07/2020	0.7	0.7	0.7	0.7
10	Conductivity	µS/cm	Special Frequency 1	1	09/06/2020	25/06/2020	730	730	730	730
	Nitrate	mg/L	Special Frequency 1	1	09/06/2020	25/06/2020	0.4	0.4	0.4	0.4
	Nitrogen (Total)	mg/L	Special Frequency 1	1	09/06/2020	25/06/2020	0.6	0.6	0.6	0.6
	Phosphorus (Total)	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 1	1	09/06/2020	25/06/2020	<0.02	<0.02	<0.02	<0.02
10	Conductivity	µS/cm	Special Frequency 1	1	17/06/2020	25/06/2020	470	470	470	470
	Nitrate	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Special Frequency 1	1	17/06/2020	25/06/2020	0.5	0.5	0.5	0.5
	Phosphorus (Total)	mg/L	Special Frequency 1	1	17/06/2020	25/06/2020	0.05	0.05	0.05	0.05
	Reactive Phosphorus	mg/L	Special Frequency 1	1	17/06/2020	25/06/2020	<0.02	<0.02	<0.02	<0.02
12	Conductivity	µS/cm	Special Frequency 1	0	-	-	-	-	-	-



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	Nitrate	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Phosphorus (Total)	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 1	0	-	-	-	-	-	-
14	Conductivity	µS/cm	Special Frequency 1	0	-	-	-	-	-	-
	Nitrate	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Phosphorus (Total)	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 1	0	-	-	-	-	-	-
32	Conductivity	µS/cm	Special Frequency 1	0	-	-	-	-	-	-
	Nitrate	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Oil and Grease	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	pH	pH	Special Frequency 1	0	-	-	-	-	-	-
	Phosphorus (Total)	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	-	-	-	-
23	Conductivity	µS/cm	Special Frequency 2	0	-	-	-	-	-	-
	Nitrate	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Oil and Grease	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	pH	pH	Special Frequency 2	0	-	-	-	-	-	-
	Phosphorus (Total)	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Total Suspended Solids	mg/L	Special Frequency 2	0	-	-	-	-	-	-
24	Conductivity	µS/cm	Special Frequency 2	0	-	-	-	-	-	-

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EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Measurements for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max Value
	Nitrate	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Oil and Grease	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	pH	pH	Special Frequency 2	0	-	-	-	-	-	-
	Phosphorus (Total)	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Total Suspended Solids	mg/L	Special Frequency 2	0	-	-	-	-	-	-
25	Conductivity	µS/cm	Special Frequency 2	0	-	-	-	-	-	-
	Nitrate	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Oil and Grease	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	pH	pH	Special Frequency 2	0	-	-	-	-	-	-
	Phosphorus (Total)	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 2	0	-	-	-	-	-	-
26	Conductivity	µS/cm	Special Frequency 2	0	-	-	-	-	-	-
	Nitrate	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Oil and Grease	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	pH	pH	Special Frequency 2	0	-	-	-	-	-	-
	Phosphorus (Total)	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 2	0	-	-	-	-	-	-
33*	Aluminium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-



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<b>EPL ID</b>	<b>Pollutant</b>	<b>Units of Measure</b>	<b>Monitoring Frequency</b>	<b>No. of Measurements for the Month</b>	<b>Date Sampled</b>	<b>Date Obtained</b>	<b>Min Value</b>	<b>Mean Value</b>	<b>Median Value</b>	<b>Max Value</b>
	Arsenic (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Barium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Beryllium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	BOD	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Cadmium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Chromium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Cobalt (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Copper (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Iron (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Lead (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Magnesium	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Manganese (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Nickel (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Potassium	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Selenium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Sodium	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Total dissolved solids	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Vanadium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
Zinc (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-	
34	Aluminium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Arsenic (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Barium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Beryllium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	BOD	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Cadmium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Chromium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-

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	Cobalt (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Copper (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Iron (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Lead (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Magnesium	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Manganese (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Nickel (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Potassium	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Selenium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Sodium	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Total dissolved solids	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Vanadium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
Zinc (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-	
35	Aluminium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Arsenic (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Barium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Beryllium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	BOD	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Cadmium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Chromium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Cobalt (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Copper (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Iron (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Lead (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Magnesium	mg/L	Special Frequency 3	0	-	-	-	-	-	-

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	Manganese (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Nickel (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Potassium	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Selenium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Sodium	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Total dissolved solids	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Vanadium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Zinc (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-

**Table 2 - Pollutant Limits Apply**

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of samples for the Month	Date Sampled	Date Obtained	Min Value	Max Value	100%ile Limit	Exceedance (Yes/No)
10	Total Suspended Solids	mg/L	Special Frequency 1	1	09/06/2020	25/06/2020	7	7	50*	No
	Oil and Grease	mg/L	Special Frequency 1	1	09/06/2020	25/06/2020	<5	<5	10	No
	pH	pH	Special Frequency 1	1	09/06/2020	25/06/2020	8.2	8.2	6.5-8.5	No
10	Total Suspended Solids	mg/L	Special Frequency 1	1	17/06/2020	25/06/2020	7	7	50*	No
	Oil and Grease	mg/L	Special Frequency 1	1	17/06/2020	25/06/2020	<5	<5	10	No
	pH	pH	Special Frequency 1	1	17/06/2020	25/06/2020	8.4	8.4	6.5-8.5	No
12	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	-	-	50	No
	Oil and Grease	mg/L	Special Frequency 1	0	-	-	-	-	10	No
	pH	pH	Special Frequency 1	0	-	-	-	-	6.5-8.5	No
14	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	-	-	50	No
	Oil and Grease	mg/L	Special Frequency 1	0	-	-	-	-	10	No
	pH	pH	Special Frequency 1	0	-	-	-	-	6.5-8.5	No
32	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	-	-	50	No

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EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of samples for the Month	Date Sampled	Date Obtained	Min Value	Max Value	100%ile Limit	Exceedance (Yes/No)
	Oil and Grease	mg/L	Special Frequency 1	0	-	-			10	No
	pH	pH	Special Frequency 1	0	-	-			6.5-8.5	No
33^	Electrical Conductivity	mg/L	Special Frequency 4	0	-	-	-	-	2000	No
	Oil and Grease	mg/L	Special Frequency 3	0	-	-	-	-	10	No
	pH	pH	Special Frequency 4	0	-	-	-	-	9	No
34	Electrical Conductivity	mg/L	Special Frequency 4	0	-	-	-	-	2000	No
	Oil and Grease	mg/L	Special Frequency 3	0	-	-	-	-	10	No
	pH	pH	Special Frequency 4	0	-	-	-	-	9	No
35	Electrical Conductivity	mg/L	Special Frequency 4	0	-	-	-	-	2000	No
	Oil and Grease	mg/L	Special Frequency 3	0	-	-	-	-	10	No
	pH	pH	Special Frequency 4	0	-	-	-	-	9	No

\*Total Suspended Solids permitted to exceed 50mg/L if 5 day rainfall is greater than 39.2mm prior to discharge

^ EPL ID Point 33 is the point of discharge for discharge sampling

**Table 3 – Monitoring (Quarterly & 6 monthly – no limits apply)**

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Measurements for the Period	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max Value
16	Conductivity	µS/cm	Every 3 Months	0	0	-	-	-	-	-
	Nitrate	mg/L	Every 3 Months	0	0	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 3 Months	0	0	-	-	-	-	-
	Oil and Grease	mg/L	Every 3 Months	0	0	-	-	-	-	-
	pH	pH	Every 3 Months	0	0	-	-	-	-	-
	Phosphorus (Total)	mg/L	Every 3 Months	0	0	-	-	-	-	-
	Reactive Phosphorus	mg/L	Every 3 Months	0	0	-	-	-	-	-

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	Total Suspended Solids	mg/L	Every 3 Months	0	0	-	-	-	-	-
27	Conductivity	µS/cm	Every 3 Months	0	0	-	-	-	-	-
	Nitrate	mg/L	Every 3 Months	0	0	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 3 Months	0	0	-	-	-	-	-
	Oil and Grease	mg/L	Every 3 Months	0	0	-	-	-	-	-
	pH	pH	Every 3 Months	0	0	-	-	-	-	-
	Phosphorus (Total)	mg/L	Every 3 Months	0	0	-	-	-	-	-
	Reactive Phosphorus	mg/L	Every 3 Months	0	0	-	-	-	-	-
	Total Suspended Solids	mg/L	Every 3 Months	0	0	-	-	-	-	-
17	Conductivity	µS/cm	Every 6 Months	0	0	-	-	-	-	-
	Nitrate	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	pH	pH	Every 6 Months	0	0	-	-	-	-	-
	Phosphorus (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Reactive Phosphorus	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Standing Water Level	Metres	Every 6 Months	0	0	-	-	-	-	-
18	Conductivity	µS/cm	Every 6 Months	0	0	-	-	-	-	-
	Nitrate	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	pH	pH	Every 6 Months	0	0	-	-	-	-	-
	Phosphorus (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Reactive Phosphorus	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Standing Water Level	Metres	Every 6 Months	0	0	-	-	-	-	-
19	Conductivity	µS/cm	Every 6 Months	0	0	-	-	-	-	-
	Nitrate	mg/L	Every 6 Months	0	0	-	-	-	-	-



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	Nitrogen (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	pH	pH	Every 6 Months	0	0	-	-	-	-	-
	Phosphorus (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Reactive Phosphorus	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Standing Water Level	Metres	Every 6 Months	0	0	-	-	-	-	-
20	Conductivity	µS/cm	Every 6 Months	0	0	-	-	-	-	-
	Nitrate	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	pH	pH	Every 6 Months	0	0	-	-	-	-	-
	Phosphorus (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Reactive Phosphorus	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Standing Water Level	Metres	Every 6 Months	0	0	-	-	-	-	-
21	Conductivity	µS/cm	Every 6 Months	0	0	-	-	-	-	-
	Nitrate	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	pH	pH	Every 6 Months	0	0	-	-	-	-	-
	Phosphorus (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Reactive Phosphorus	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Standing Water Level	Metres	Every 6 Months	0	0	-	-	-	-	-
22	Conductivity	µS/cm	Every 6 Months	0	0	-	-	-	-	-
	Nitrate	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	pH	pH	Every 6 Months	0	0	-	-	-	-	-
	Phosphorus (Total)	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Reactive Phosphorus	mg/L	Every 6 Months	0	0	-	-	-	-	-
	Standing Water Level	Metres	Every 6 Months	0	0	-	-	-	-	-

**WERRIS CREEK COAL EPL – MONTHLY SUMMARY**

TLTS - Too low to sample

**Table 4 – Monitoring (Noise – Limits Apply)**

Location	Date	Measurement Period	Start Time	Measured levels – dB(A)		Limit(s)	Weather (inversion oC/100m, wind m/s & °)	Observations	(Potential) Non-compliance /breach	Date Obtained
				LA1, 1 Minute	LAeq, 15 Minute					
R24	17 June 2020	60 minutes	10:01am	N/A	46	Day 37	3.2m/s, 164 degrees	Birds (44), traffic (41), <b>WCC (&lt;20)</b>	No	23/06/2020
R12	17 June 2020	60 minutes	11:07am	N/A	46	Day 38	3.7m/s, 168 degrees	Traffic (46), birds (39), <b>WCC (&lt;20)</b>	No	23/06/2020
R96	17 June 2020	60 minutes	12:14pm	N/A	39	Day 38	4.7m/s, 168 degrees	Birds (39), traffic (30), dogs (24), <b>WCC (&lt;20)</b>	No	23/06/2020
R98	17 June 2020	60 minutes	1:22pm	N/A	47	Day 36	3.8m/s, 153 degrees	Birds (47), dogs (34), aeroplane (27), <b>WCC (&lt;20)</b>	No	23/06/2020
R57	17 June 2020	60 minutes	3:17pm	N/A	49	Day 35	3.4m/s, 118 degrees	Traffic (45), dogs (43), birds (42), train (41), <b>WCC (&lt;20)</b>	No	23/06/2020
R24	17 June 2020	60 minutes	7:03pm	<20	54	Night 37	+3.4°C/100, 2.6m/s, 142 degrees	Traffic (51), trains (49), insects (46), <b>WCC (&lt;20)</b>	No	23/06/2020
R12	17 June 2020	60 minutes	8:11pm	<20	41	Night 38	+1.4°C/100, 1.8m/s, 155 degrees	Traffic (40), dogs (31), <b>WCC (&lt;20)</b>	No	23/06/2020
R96	17 June 2020	60 minutes	9:25pm	<20	31	Night 38	Lapse, 1.1m/s, 185 degrees	Insects (29), traffic (27), <b>WCC (&lt;20)</b>	No	23/06/2020
R98	17 June 2020	60 minutes	10:36pm	<20	28	Night 38	Lapse, 1.0m/s, 141 degrees	Traffic (28), insects (21), <b>WCC (&lt;20)</b>	No	23/06/2020
R57	18 June 2020	60 minutes	12:35am	<20	44	Night 35	Lapse, 2.3m/s, 165 degrees	Traffic (41), birds (41), <b>WCC (&lt;20)</b>	No	23/06/2020

**NM = Not Measurable. This denotes noise from the mine was audible at low levels however cannot be quantified.**

**IA = Inaudible.**

**WERRIS CREEK COAL EPL – MONTHLY SUMMARY**

**Table 5 – Monitoring (Blasts – Limits Apply)**

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date Obtained
R11	Blast Noise	dB (Lin Peak)	Every Blast	5	94.1	103.7	120.0	No	01/07/2020
	Blast Vibration	mm/s	Every Blast	5	0.12	0.24	10.0	No	01/07/2020
R98	Blast Noise	dB (Lin Peak)	Every Blast	5	96.6	102.6	120.0	No	01/07/2020
	Blast Vibration	mm/s	Every Blast	5	0.53	1.20	10.0	No	01/07/2020
R62	Blast Noise	dB (Lin Peak)	Every Blast	5	94.7	105.3	120.0	No	01/07/2020
	Blast Vibration	mm/s	Every Blast	5	0.29	0.53	10.0	No	01/07/2020
R92	Blast Noise	dB (Lin Peak)	Every Blast	5	94.5	106.0	120.0	No	01/07/2020
	Blast Vibration	mm/s	Every Blast	5	0.22	0.40	10.0	No	01/07/2020

## WERRIS CREEK COAL EPL – MONTHLY SUMMARY

