

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: March 2020

Obtained Date: 21st April 2020

Publication Date: 4th May 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 ³	Every 6 days	5	26/02/2020	3/03/2020	3.3	7.9	4.2	17.5
	Solid Particles	g/m ² /month	Continuous	1	20/03/2020	06/04/2020	1.0	1.0	1.0	1.0
29	PM10	µg/m ³	Every 6 days	5	26/02/2020	3/03/2020	6.7	15.4	7.7	41.5
	Solid Particles	g/m ² /month	Continuous	1	20/03/2020	06/04/2020	1.1	1.1	1.1	1.1
30	PM10	µg/m ³	Continuous	Continuous	29/02/2020	1/03/2020	4.8	12.2	10.3	26.7
	Solid Particles	g/m ² /month	Continuous	1	20/03/2020	06/04/2020	0.7	0.7	0.7	0.7
10	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	-	-	-	-	-	-
12	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	-	-	-	-	-	-
14	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	-	-	-	-	-	-
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	-	-	-	-	-	-
23	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	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	-	-	-	-	-	-
24	Reactive Phosphorus	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Total Suspended Solids	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	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	-	-	-	-	-	-



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	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	Total Suspended Solids	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	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	-	-	-	-	-	-
33*	Reactive Phosphorus	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	Total Suspended Solids	mg/L	Special Frequency 2	0	-	-	-	-	-	-
	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	-	-	-	-	-	-

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	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	-	-	-	-	-	-
	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	-	-	-	-	-	-
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	-	-	-	-	-	-
	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	-	-	-	-	-	-



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	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	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
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
	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



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	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	-	-	-	-	-
27	Total Suspended Solids	mg/L	Every 3 Months	0	0	-	-	-	-	-
	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	-	-	-	-	-
17	Conductivity	µS/cm	Every 6 Months	0	09/03/2020	17/03/2020	Dry	Dry	Dry	Dry
	Nitrate	mg/L	Every 6 Months	0	09/03/2020	13/03/2020	Dry	Dry	Dry	Dry
	Nitrogen (Total)	mg/L	Every 6 Months	0	09/03/2020	13/03/2020	Dry	Dry	Dry	Dry
	pH	pH	Every 6 Months	0	09/03/2020	13/03/2020	Dry	Dry	Dry	Dry
	Phosphorus (Total)	mg/L	Every 6 Months	0	09/03/2020	13/03/2020	Dry	Dry	Dry	Dry
	Reactive Phosphorus	mg/L	Every 6 Months	0	09/03/2020	13/03/2020	Dry	Dry	Dry	Dry
	Standing Water Level	Metres	Every 6 Months	0	09/03/2020	13/03/2020	Dry	Dry	Dry	Dry
18	Conductivity	µS/cm	Every 6 Months	1	09/03/2020	13/03/2020	397	397	397	397
	Nitrate	mg/L	Every 6 Months	1	09/03/2020	13/03/2020	0.04	0.04	0.04	0.04
	Nitrogen (Total)	mg/L	Every 6 Months	1	09/03/2020	13/03/2020	<0.1	<0.1	<0.1	<0.1
	pH	pH	Every 6 Months	1	09/03/2020	13/03/2020	7.18	7.18	7.18	7.18
	Phosphorus (Total)	mg/L	Every 6 Months	1	09/03/2020	13/03/2020	<0.01	<0.01	<0.01	<0.01
	Reactive Phosphorus	mg/L	Every 6 Months	1	09/03/2020	13/03/2020	<0.01	<0.01	<0.01	<0.01
	Standing Water Level	Metres	Every 6 Months	1	09/03/2020	13/03/2020	57.69	57.69	57.69	57.69
19	Conductivity	µS/cm	Every 6 Months	1	05/03/2020	13/03/2020	2620	2620	2620	2620
	Nitrate	mg/L	Every 6 Months	1	05/03/2020	13/03/2020	17.7	17.7	17.7	17.7
	Nitrogen (Total)	mg/L	Every 6 Months	1	05/03/2020	13/03/2020	20.8	20.8	20.8	20.8
	pH	pH	Every 6 Months	1	05/03/2020	13/03/2020	7.89	7.89	7.89	7.89
	Phosphorus (Total)	mg/L	Every 6 Months	1	05/03/2020	13/03/2020	0.35	0.35	0.35	0.35
	Reactive Phosphorus	mg/L	Every 6 Months	1	05/03/2020	13/03/2020	0.28	0.28	0.28	0.28
	Standing Water Level	Metres	Every 6 Months	1	05/03/2020	13/03/2020	21.05	21.05	21.05	21.05
20	Conductivity	µS/cm	Every 6 Months	1	10/03/2020	18/03/2020	1040	1040	1040	1040
	Nitrate	mg/L	Every 6 Months	1	10/03/2020	18/03/2020	4.27	4.27	4.27	4.27
	Nitrogen (Total)	mg/L	Every 6 Months	1	10/03/2020	18/03/2020	5.1	5.1	5.1	5.1
	pH	pH	Every 6 Months	1	10/03/2020	18/03/2020	7.86	7.86	7.86	7.86

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	Phosphorus (Total)	mg/L	Every 6 Months	1	10/03/2020	18/03/2020	0.06	0.06	0.06	0.06
	Reactive Phosphorus	mg/L	Every 6 Months	1	10/03/2020	18/03/2020	0.05	0.05	0.05	0.05
	Standing Water Level	Metres	Every 6 Months	1	10/03/2020	18/03/2020	19.97	19.97	19.97	19.97
21	Conductivity	µS/cm	Every 6 Months	1	05/03/2020	13/03/2020	1970	1970	1970	1970
	Nitrate	mg/L	Every 6 Months	1	05/03/2020	13/03/2020	0.8	0.8	0.8	0.8
	Nitrogen (Total)	mg/L	Every 6 Months	1	05/03/2020	13/03/2020	2.7	2.7	2.7	2.7
	pH	pH	Every 6 Months	1	05/03/2020	13/03/2020	7.64	7.64	7.64	7.64
	Phosphorus (Total)	mg/L	Every 6 Months	1	05/03/2020	13/03/2020	0.04	0.04	0.04	0.04
	Reactive Phosphorus	mg/L	Every 6 Months	1	05/03/2020	13/03/2020	0.03	0.03	0.03	0.03
	Standing Water Level	Metres	Every 6 Months	1	05/03/2020	13/03/2020	13.93	13.93	13.93	13.93
22	Conductivity	µS/cm	Every 6 Months	0	10/03/2020	18/03/2020	TLTS	TLTS	TLTS	TLTS
	Nitrate	mg/L	Every 6 Months	0	10/03/2020	18/03/2020	TLTS	TLTS	TLTS	TLTS
	Nitrogen (Total)	mg/L	Every 6 Months	0	10/03/2020	18/03/2020	TLTS	TLTS	TLTS	TLTS
	pH	pH	Every 6 Months	0	10/03/2020	18/03/2020	TLTS	TLTS	TLTS	TLTS
	Phosphorus (Total)	mg/L	Every 6 Months	0	10/03/2020	18/03/2020	TLTS	TLTS	TLTS	TLTS
	Reactive Phosphorus	mg/L	Every 6 Months	0	10/03/2020	18/03/2020	TLTS	TLTS	TLTS	TLTS
	Standing Water Level	Metres	Every 6 Months	1	10/03/2020	18/03/2020	16.27	16.27	16.27	16.27

TLTS - Too low to sample

WERRIS CREEK COAL EPL – MONTHLY SUMMARY
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	19 March 2020	60 minutes	2:16pm	N/A	38	Day 37	0.8m/s, 329 degrees	Birds (36), traffic (33), WCC (<20)	No	21/04/2020
R12	19 March 2020	60 minutes	2:10pm	N/A	40	Day 38	0.8m/s, 329 degrees	Insects (39), traffic (33), WCC (<20)	No	21/04/2020
R96	19 March 2020	60 minutes	3:18pm	N/A	37	Day 38	0.8m/s, 204 degrees	Traffic (34), birds (32), insects (30), WCC (24)	No	21/04/2020
R98	19 March 2020	60 minutes	3:25pm	N/A	34	Day 36	0.8m/s, 163 degrees	Insects (31), birds (30), WCC (<20)	No	21/04/2020
R57	19 March 2020	60 minutes	4:40pm	N/A	49	Day 35	0.6m/s, 126 degrees	Traffic (49), birds (41), WCC (<20)	No	21/04/2020
R24	19 March 2020	60 minutes	7:33pm	24	46	Night 37	+0.3°C/100m, 2.6m/s, 15 degrees	Traffic (45), insects (39), WCC (22)	No	21/04/2020
R12	19 March 2020	60 minutes	7:59pm	<20	52	Night 38	+2.1°C/100m, 3.0m/s, 356 degrees	Train (49), insects (47), traffic (46), WCC (<20)	No	21/04/2020
R96	19 March 2020	60 minutes	9:11pm	24	42	Night 38	+3.9°C/100m, 0.7m/s, 186 degrees	Traffic 41, insects (38), WCC (22)	No	21/04/2020
R98	19 March 2020	60 minutes	8:51pm	30	48	Night 38	+3.9°C/100m, 0.3m/s, 303 degrees	Residential (48), insects (40), WCC (28)	No	21/04/2020
R57	19 March 2020	60 minutes	10:35pm	<20	40	Night 35	+5.6°C/100m, 0.7m/s, 280 degrees	Traffic (39), train (34), insects (28), WCC (<20)	No	21/04/2020

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	8	100.2	106.4	120.0	No	01/04/2020
	Blast Vibration	mm/s	Every Blast	8	0.08	0.17	10.0	No	01/04/2020
R98	Blast Noise	dB (Lin Peak)	Every Blast	8	97.4	103.3	120.0	No	01/04/2020
	Blast Vibration	mm/s	Every Blast	8	0.56	1.25	10.0	No	01/04/2020
R62	Blast Noise	dB (Lin Peak)	Every Blast	8	98.4	106.0	120.0	No	01/04/2020
	Blast Vibration	mm/s	Every Blast	8	0.32	0.63	10.0	No	01/04/2020
R92	Blast Noise	dB (Lin Peak)	Every Blast	8	98.9	106.3	120.0	No	01/04/2020
	Blast Vibration	mm/s	Every Blast	8	0.25	0.52	10.0	No	01/04/2020

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