

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: September 2018 Obtained Date: 26/10/2018 Publication Date: 12/10/2018

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/m³	Every 6 days	5	22/9/2018	5/10/2018	3.5	11.1	11.9	16.9
28	Solid Particles	g/m²/month	Continuous	1	21/9/2018	28/9/2018	2.5	2.5	2.5	2.5
29	PM10	μg/m³	Every 6 days	5	22/9/2018	5/10/2018	0.6	18.9	13.3	47.7
29	Solid Particles	g/m²/month	Continuous	1	21/9/2018	28/9/2018	2.3	2.3	2.3	2.3
30	PM10	μg/m³	Continuous	Continuous	30/9/2018	1/10/2018	5.1	15.8	13.7	64.0
30	Solid Particles	g/m²/month	Continuous	1	21/9/2018	28/9/2018	1.7	1.7	1.7	1.7
	Conductivity	μS/cm	Special Frequency 1	0	-	-	-	-	-	-
	Nitrate	mg/L	Special Frequency 1	0	ı	-	-	-	-	-
10	Nitrogen (Total)	mg/L	Special Frequency 1	0	ı	-	-	-	•	-
	Phosphorus (Total)	mg/L	Special Frequency 1	0	ı	-	-	-	•	-
	Reactive Phosphorus	mg/L	Special Frequency 1	0	ı	-	-	-	•	-
	Conductivity	μS/cm	Special Frequency 1	0	ı	-	-	-	1	-
	Nitrate	mg/L	Special Frequency 1	0	-	-	-	-	-	-
12	Nitrogen (Total)	mg/L	Special Frequency 1	0	-	-	-	-	-	-
	Phosphorus (Total)	mg/L	Special Frequency 1	0	ı	-	-	-	-	-
	Reactive Phosphorus	mg/L	Special Frequency 1	0	-	-	-	-	-	-
14	Conductivity	μS/cm	Special Frequency 1	0	-	-	-	-	-	-
14	Nitrate	mg/L	Special Frequency 1	0	-	-	-	-	-	-

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

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
	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	-	-	-	-	-	-
25	рН	рН	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	-	-	-	-	-	-
	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	-	-	-	-	-	-
26	рН	рН	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	-	-	-	-	-	-
	Aluminium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Arsenic (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
	Barium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
33*	Beryllium (dissolved)	mg/L	Special Frequency 3	0	-	-	-	-	-	-
33.	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	-	-	-	-	-	-

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
	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	-	-	-	-	-	ı
	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	-	-	-	-	-	-
	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	-	-	-	-	-	-
34	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	-	-	-	-	-	-

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
	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	-	-	-	-	-	-
	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	-	-	1	-	-	-
	Iron (dissolved)	mg/L	Special Frequency 3	0	-	-	1	-	-	-
35	Lead (dissolved)	mg/L	Special Frequency 3	0	-	-	1	-	-	-
	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	-	-	-	-	-	-

^{*}Dust gauge sample contaminated with glass. Broken funnel noted on field sheet.

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)
	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	1	-	50*	No
10	Oil and Grease	mg/L	Special Frequency 1	0	-	-	ı	-	10	No
	рН	рН	Special Frequency 1	0	-	-	-	-	6.5-8.5	No
	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	-	-	50*	No
12	Oil and Grease	mg/L	Special Frequency 1	0	-	-	-	-	10	No
	рН	рН	Special Frequency 1	0	-	-	-	-	6.5-8.5	No
	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	-	-	50*	No
14	Oil and Grease	mg/L	Special Frequency 1	0	-	-	ı	-	10	No
	рН	рН	Special Frequency 1	0	-	-	ı	-	6.5-8.5	No
	Total Suspended Solids	mg/L	Special Frequency 1	0	-	-	ı	-	50*	No
32	Oil and Grease	mg/L	Special Frequency 1	0	-	-	-	-	10	No
	рН	рН	Special Frequency 1	0	-	-	-	-	6.5-8.5	No
	Electrical Conductivity	mg/L	Special Frequency 4	2	10/9/2018 21/9/2018	26/10/2018	1280	1290	2000	No
33*	Oil and Grease	mg/L	Special Frequency 3	0	-	-	-	-	10	No
	рН	рН	Special Frequency 4	2	10/9/2018 21/9/2018	26/10/2018	8.5	8.5	9	No
	Electrical Conductivity	mg/L	Special Frequency 4	0	-	-	-	-	2000	No
34	Oil and Grease	mg/L	Special Frequency 3	0	-	-	-	-	10	No
	рН	рН	Special Frequency 4	0	-	-	-	-	9	No
	Electrical Conductivity	mg/L	Special Frequency 4	0	-	-	-	-	2000	No
35	Oil and Grease	mg/L	Special Frequency 3	0	-	-	-	-	10	No
	рН	рН	Special Frequency 4	0	-	-	-	-	9	No

^{*} 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
	Conductivity	μS/cm	Every 3 Months	0	-	-	-	-	-	-
	Nitrate	mg/L	Every 3 Months	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 3 Months	0	-	-	-	-	-	-
	Oil and Grease	mg/L	Every 3 Months	0	-	-	-	-	-	-
16	рН	рН	Every 3 Months	0	ı	-	ı	-	-	ı
	Phosphorus (Total)	mg/L	Every 3 Months	0	ı	-	ı	-	-	ı
	Reactive Phosphorus	mg/L	Every 3 Months	0	ı	-	ı	-	-	ı
	Total Suspended Solids	mg/L	Every 3 Months	0	-	-	-	-	-	-
	Conductivity	μS/cm	Every 3 Months	0	-	-	-	-	-	-
	Nitrate	mg/L	Every 3 Months	0	-	-	-	-	-	-
	Nitrogen (Total)	mg/L	Every 3 Months	0	ı	-	1	-	-	1
	Oil and Grease	mg/L	Every 3 Months	0	-	-	-	-	-	-
27	рН	рН	Every 3 Months	0	ı	-	ı	-	-	ı
	Phosphorus (Total)	mg/L	Every 3 Months	0	ı	-	1	-	-	1
	Reactive Phosphorus	mg/L	Every 3 Months	0	ı	-	1	-	-	1
	Total Suspended Solids	mg/L	Every 3 Months	0	1	-	ı	-	-	1
	Conductivity	μS/cm	Every 6 Months	1	Dry	Dry	Dry	Dry	Dry	Dry
	Nitrate	mg/L	Every 6 Months	1	Dry	Dry	Dry	Dry	Dry	Dry
	Nitrogen (Total)	mg/L	Every 6 Months	1	Dry	Dry	Dry	Dry	Dry	Dry
17	рН	рН	Every 6 Months	1	Dry	Dry	Dry	Dry	Dry	Dry
	Phosphorus (Total)	mg/L	Every 6 Months	1	Dry	Dry	Dry	Dry	Dry	Dry
	Reactive Phosphorus	mg/L	Every 6 Months	1	Dry	Dry	Dry	Dry	Dry	Dry
	Standing Water Level	Metres	Every 6 Months	1	Dry	Dry	Dry	Dry	Dry	Dry

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
	Conductivity	μS/cm	Every 6 Months	1	925	925	925	925	925	925
	Nitrate	mg/L	Every 6 Months	1	6.21	6.21	6.21	6.21	6.21	6.21
	Nitrogen (Total)	mg/L	Every 6 Months	1	6.8	6.8	6.8	6.8	6.8	6.8
18	рН	рН	Every 6 Months	1	7.99	7.99	7.99	7.99	7.99	7.99
	Phosphorus (Total)	mg/L	Every 6 Months	1	0.02	0.02	0.02	0.02	0.02	0.02
	Reactive Phosphorus	mg/L	Every 6 Months	1	0.03	0.03	0.03	0.03	0.03	0.03
	Standing Water Level	Metres	Every 6 Months	1	50.1	50.1	50.1	50.1	50.1	50.1
	Conductivity	μS/cm	Every 6 Months	1	2400	2400	2400	2400	2400	2400
	Nitrate	mg/L	Every 6 Months	1	16.4	16.4	16.4	16.4	16.4	16.4
	Nitrogen (Total)	mg/L	Every 6 Months	1	16.8	16.8	16.8	16.8	16.8	16.8
19	рН	рН	Every 6 Months	1	7.94	7.94	7.94	7.94	7.94	7.94
	Phosphorus (Total)	mg/L	Every 6 Months	1	0.24	0.24	0.24	0.24	0.24	0.24
	Reactive Phosphorus	mg/L	Every 6 Months	1	0.27	0.27	0.27	0.27	0.27	0.27
	Standing Water Level	Metres	Every 6 Months	1	20.03	20.03	20.03	20.03	20.03	20.03
	Conductivity	μS/cm	Every 6 Months	1	1010	1010	1010	1010	1010	1010
	Nitrate	mg/L	Every 6 Months	1	2.28	2.28	2.28	2.28	2.28	2.28
	Nitrogen (Total)	mg/L	Every 6 Months	1	3.2	3.2	3.2	3.2	3.2	3.2
20	рН	рН	Every 6 Months	1	8.06	8.06	8.06	8.06	8.06	8.06
	Phosphorus (Total)	mg/L	Every 6 Months	1	0.08	0.08	0.08	0.08	0.08	0.08
	Reactive Phosphorus	mg/L	Every 6 Months	1	0.04	0.04	0.04	0.04	0.04	0.04
	Standing Water Level	Metres	Every 6 Months	1	17.78	17.78	17.78	17.78	17.78	17.78
	Conductivity	μS/cm	Every 6 Months	1	2030	2030	2030	2030	2030	2030
	Nitrate	mg/L	Every 6 Months	1	0.91	0.91	0.91	0.91	0.91	0.91
	Nitrogen (Total)	mg/L	Every 6 Months	1	1.1	1.1	1.1	1.1	1.1	1.1
21	рН	рН	Every 6 Months	1	7.74	7.74	7.74	7.74	7.74	7.74
	Phosphorus (Total)	mg/L	Every 6 Months	1	0.09	0.09	0.09	0.09	0.09	0.09
	Reactive Phosphorus	mg/L	Every 6 Months	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Standing Water Level	Metres	Every 6 Months	1	13.06	13.06	13.06	13.06	13.06	13.06

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
	Conductivity	μS/cm	Every 6 Months	1	TLTS	TLTS	TLTS	TLTS	TLTS	TLTS
	Nitrate	mg/L	Every 6 Months	1	TLTS	TLTS	TLTS	TLTS	TLTS	TLTS
	Nitrogen (Total)	mg/L	Every 6 Months	1	TLTS	TLTS	TLTS	TLTS	TLTS	TLTS
22	рН	рН	Every 6 Months	1	TLTS	TLTS	TLTS	TLTS	TLTS	TLTS
	Phosphorus (Total)	mg/L	Every 6 Months	1	TLTS	TLTS	TLTS	TLTS	TLTS	TLTS
	Reactive Phosphorus	mg/L	Every 6 Months	1	TLTS	TLTS	TLTS	TLTS	TLTS	TLTS
	Standing Water Level	Metres	Every 6 Months	1	TLTS	TLTS	TLTS	TLTS	TLTS	TLTS

TLTS- Too low to sample



Table 4 – Monitoring (Noise – Limits Apply)

Location	Date	Measurement	Start Time	Measur	ed levels –	Limit(s)	Weather	Observations	(Potential)	Date
		Period		dı	B(A)	. ,	(inversion		Non-	Obtained
				LA1, 1 Minute	LAeq, 15 Minute		oC/100m, wind m/s & °)		compliance /breach	
R24	11/9/2018	60 minutes	13:40	N/A	37	Day 37	NA, 3.4m/s, 292 degrees.	Birds (36), traffic (30), WCC inaudible (<20)	No	26/10/2018
R12	11/9/2018	60 minutes	15:35	N/A	42	Day 38	NA, 2.1m/s, 293 degrees.	Traffic (40), birds (30), WCC inaudible (<20)	No	26/10/2018
R96	11/9/2018	60 minutes	12:35	N/A	35	Day 38	NA, 3.2m/s, 299 degrees.	Birds (35), traffic (25), WCC inaudible (<20)	No	26/10/2018
R98	11/9/2018	60 minutes	13:38	N/A	41	Day 36	NA, 3.4m/s, 292 degrees.	Birds and dogs (41), WCC barely audible (<20)	No	26/10/2018
R57	11/9/2018	60 minutes	15:25	N/A	42	Day 35	NA, 2.1m/s, 293 degrees.	Birds (38), traffic (38), trains (33), WCC inaudible (<20)	No	26/10/2018
R24	11/9/2018	60 minutes	19:00	28	44	Night 37	9.5°/100m, 2.5m/s, 3 degrees.	Traffic (44), WCC (25), crickets (22)	No	26/10/2018
R12	11/9/2018	60 minutes	22:10	<20	26	Night 38	11.5°/100m, 1.4m/s, 353 degrees.	Traffic (26), WCC inaudible (<20)	No	26/10/2018
R96	11/9/2018	60 minutes	19:00	<20	35	Night 38	9.5°/100m, 2.5m/s, 3 degrees.	Traffic (35), WCC inaudible (<20)	No	26/10/2018
R98	11/9/2018	60 minutes	20:10	32	31	Night 38	8.9°/100m, 2.4m/s, 358 degrees.	Traffic (29), WCC (27)	No	26/10/2018
R57	11/9/2018	60 minutes	22:00	35	37	Night 35	11.5°/100m, 1.4m/s, 353 degrees.	Traffic (36), trains (30), WCC (26)	No	26/10/2018

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

Table 5 – Monitoring (Blasts – Limits Apply)

Location	Darameter	Units of	Eroguonov	No. of Blasts	Average	Max	100%ile	(Potential) Non-	Date
Location	Parameter	Measure	Frequency	for the Month	Value	Value	Limit	compliance /breach	Obtained
R11	Blast Noise	dB (Lin Peak)	Every Blast	17	100.61	108.9	120.0	No	1/10/2018
KII	Blast Vibration	mm/s	Every Blast	17	0.09	0.22	10.0	No	1/10/2018
R98	Blast Noise	dB (Lin Peak)	Every Blast	17	101.98	108.30	120.0	No	1/10/2018
K96	Blast Vibration	mm/s	Every Blast	17	0.51	0.93	10.0	No	1/10/2018
R62	Blast Noise	dB (Lin Peak)	Every Blast	17	98.90	107.40	120.0	No	1/10/2018
NO2	Blast Vibration	mm/s	Every Blast	17	0.30	0.68	10.0	No	1/10/2018
R92	Blast Noise	dB (Lin Peak)	Every Blast	17	96.95	106.20	120.0	No	1/10/2018
N92	Blast Vibration	mm/s	Every Blast	17	0.18	0.54	10.0	No	1/10/2018

