

**AuS-10 Rhyolite - Licence number 12323**

**Licence Discharge Point 1**

The concentration limits stipulated by condition L2.1/L2.4 for EPA Identification Points 1, 8, 9, 10 and 11 are deemed not to apply when the discharge from the stormwater control structures (sediment basins) occurs solely as a result of rainfall measured at the premises which exceeds:  
 a) a total of 44 millimetres of rainfall over any consecutive 5 day period.

**Dam 1 - SBI - EPL Point 1**

Guidance range		Range - 6.5 - 8.5		<1500us/cm		Limit <30 mg/l		20 Limit - 10 mg/l		Volume Discharged - KL - Estimated	Comment
Month	Number of Samples	pH	Electrical Conductivity	Turbidity	Total Dissolved Solids	Total Suspend Solids	Oxygen demand	Oil/Grease			
31/07/2021	0										July 2021 - Nil Discharge
31/08/2021	0										August 2021 - Nil Discharge
30/09/2021	0										September 2021 - Nil Discharge
31/10/2021	0										October 2021 - Nil Discharge
8/11/2021	1	7.8	643	5.8		<5		<5	1500		Discharge - 95mm recorded - Austen - 8th to 13th Nov 2021
9/11/2021	1	7.3	386	46		8		<5	1500		Discharge - 95mm recorded - Austen - 8th to 13th Nov 2022
12/11/2021	1	8.3	171	827		439		<5	1500		Discharge - 95mm recorded - Austen - 8th to 13th Nov 2023
27/11/2021	1	8.5	207	950		438		<5	1500		Discharge - 63MM rain - 24th to 28th Nov
28/11/2021	1	8.3	213	400		254		<5	1500		Discharge - 63MM rain - 24th to 28th Nov
29/11/2021	1	8.3	224	410		165		<5	1500		Discharge - 63MM rain - 24th to 28th Nov
30/11/2021	1	8.4				30		<5	1500		Discharge - 63MM rain - 24th to 28th Nov - pH result calculated due to loss of sample due to Lab error
1/12/2021	1	7.2	313	147		91		<5	1500		Discharge - 63MM rain - 24th to 28th Nov
7/01/2022	1	7.2	307	600		350		<5	1000		Discharge - 71mm rain 7th to 11th Jan 2022
10/01/2022	1	7.3	221	360		99		<5	1000		Discharge - 71mm rain 7th to 11th Jan 2022
11/01/2022	1	7.2	172	250		54		<5	1000		Discharge - 71mm rain 7th to 11th Jan 2022
28/02/2022	0										Nil Discharge
6/03/2022	1	5.8	182	900		546		<5	500		Discharge - 137.83mm rain 2nd to 9th March 2022
7/03/2022	1	7.2	152	1000		544		<5	1000		Discharge - 137.83mm rain 2nd to 9th March 2023
8/03/2022	1	7.8	246	850		586		<5	1000		Discharge - 137.83mm rain 2nd to 9th March 2024
9/03/2022	1	7.2	104	100		30		<5	500		Discharge - 137.83mm rain 2nd to 9th March 2025
10/03/2022	1	6.7	547	260		137		<5	1000		Discharge - 137.83mm rain 2nd to 9th March 2026
11/03/2022	1	7.2	216	330		139		<5	2000		Discharge - 137.83mm rain 2nd to 9th March 2027
12/03/2022	1	7.2	147	131		84		<5	2000		Discharge - 137.83mm rain 2nd to 9th March 2028
30/04/2022											Nil Discharge
31/05/2022											Nil Discharge
1/06/2022											Nil Discharge
<b>Total</b>		<b>134.9</b>	<b>4451</b>	<b>7566.8</b>	<b>0</b>	<b>3994</b>	<b>0</b>	<b>0</b>			
	Mean	7.49	261.82	445.11	#DIV/0!	234.94	#DIV/0!	#DIV/0!			
	Lowest	5.80	104.00	5.80	0.00	8.00	0.00	0.00			
	Highest	8.50	643.00	1000.00	0.00	586.00	0.00	0.00			

**EPL POINT 2** Range - 6.5 - 8.5

Upstream Location AQW-1

Month	Number of Samples	pH	Electrical Conductivity	Turbidity	Total Dissolved Solids	Total Suspend Solids	Oxygen demand	Oil/Grease	Volume Discharged - KL - Estimated	Comment
26/07/2021	1	7.3	343	5.7	214	6	<2	<5		Monthly Sample
25/08/2021	1	7.1	342	15	194	20	<2	<5		Monthly Sample
27/09/2021	1	7.7	349	2.3	195	5	<2	<5		Monthly Sample
26/10/2021	1	7.8	322	2.4	196	<5	<2	<5		Monthly Sample
8/11/2021	1	7.5	339	12		8		<5		Discharge EPL 1 - 95mm recorded - Austen - 8th to 13th Nov 2021
9/11/2021	1	7.0	332	10		8		<5		Discharge EPL 1 - 95mm recorded - Austen - 8th to 13th Nov 2022
10/11/2021	1	6.7	359	10		<5		<5		Discharge EPL 10 - 95mm recorded - Austen - 8th to 13th Nov 2021
12/11/2021	1	7.0	273	32		64		<5		Discharge EPL 1 - 95mm recorded - Austen - 8th to 13th Nov 2022
24/11/2021	1	7.2	330	4	183	<5	<2	<5		Monthly Sample
27/11/2021	1	7.7	119	28		10		<5		EPL 1 & 10 discharge - 63mm rain 24th to 28th Nov
28/11/2021	1	8.3	279	19		11		<5		EPL 1 & 10 discharge - 63mm rain 24th to 28th Nov
29/11/2021	1	7.8	284	14		8		<5		EPL 1 & 10 discharge - 63mm rain 24th to 28th Nov
30/11/2021	1	7.8				68		<5		EPL 1 & 10 Discharge - 63MM rain - 24th to 27th Nov - pH result calculated due to loss of sample due to Lab error
1/12/2021	1	7.6	231	8.8		6		<5		EPL 1 discharge - 63mm rain 24th to 28th Nov
22/12/2021	1	6.3	130	4.3	105	6	<2	<5		Monthly Sample
7/01/2022	1	7.7	254	29		35		<5		EPL 1 & 10 discharge - 71mm rain 7th to 11th Jan 2022
10/01/2022	1	7.2	244	7.7		<5		<5		EPL 1 & 9 discharge - 71mm rain 7th to 11th Jan 2022
11/01/2022	1	7.4	267	6		10		<5		EPL 1 & 9 discharge - 71mm rain 7th to 11th Jan 2022
20/01/2022	1	7.2	244	13	174	5	<2	<5		Monthly Sample
21/02/2022	1	7.5	189	6.7	138	8	<2	<5		Monthly Sample
6/03/2022	1	7.3	164	44		37		<5		EPL 1 Discharge - 137.83mm rain 2nd to 9th March 2022
7/03/2022	1	7.2	166	34		40		<5		EPL 1 & 8 Discharge - 137.83mm rain 2nd to 9th March 2023
8/03/2022	1	7.7	187	34		62		<5		EPL 1, 8 & 10 Discharge - 137.83mm rain 2nd to 9th March 2024
9/03/2022	1	7.4	155	35		34		<5		EPL 1 & 10 Discharge - 137.83mm rain 2nd to 9th March 2025
10/03/2022	1	6.8	186	24		21		<5		EPL 1 & 10 Discharge - 137.83mm rain 2nd to 9th March 2026
11/03/2022	1	7.4	188	20		18		<5		EPL 1 & 10 Discharge - 137.83mm rain 2nd to 9th March 2027
12/03/2022	1	6.9	153	25		14		<5		EPL 1 & 10 Discharge - 137.83mm rain 2nd to 9th March 2028
22/03/2022	1	7.7	251	9.8	118	5	<2	<5		Monthly Sample
21/04/2022	1	5.3	162	7	174	<5	<2	<5		Monthly Sample
23/05/2022	1	7.5	219	6	142	<5	<2	<5		Monthly Sample
23/06/2022	1	7.3	208	3.9	144	<5	<2	<5		Monthly Sample
<b>Total</b>		<b>226.3</b>	<b>7269</b>	<b>472.6</b>	<b>1977</b>	<b>509</b>	<b>0</b>	<b>0</b>		
	Mean	7.30	242.30	15.75	164.75	21.21	#DIV/0!	#DIV/0!		
	Lowest	5.30	119.00	2.30	105.00	5.00	0.00	0.00		
	Highest	8.30	359.00	44.00	214.00	68.00	0.00	0.00		

**EPL Point 3** COXS RIVER LOWER CROSSING 6/7/2011 - AQW3

Month	Number of Samples	pH	Electrical Conductivity	Turbidity	Total Dissolved Solids	Total Suspend Solids	Oxygen demand	Oil/Grease	Volume Discharged - KL - Estimated	Comment
9/07/2021	1	7.8		1.8		<5		<5		EPL 10 discharge
26/07/2021	1	6.6	345	7.6	197	8	<2	<5		Monthly Sample
29/07/2021	1	7.8		4.1		<5		<5		EPL 10 discharge
11/08/2021	1	8.1		3.2		<5		<5		EPL 10 discharge
25/08/2021	1	7.4	333	21	194	37	<2	<5		Monthly Sample
26/08/2021	1	8.0		5.9		12		<5		EPL 10 discharge
27/08/2021	1	7.5		7.8		11		<5		EPL 10 discharge
9/09/2021	1	8.0		5.3		<5		<5		EPL 10 discharge
17/09/2021	1	7.7		2.7		<5		<5		EPL 10 discharge

28/09/2021		1	5.8		7.0		<5		<5	EPL 10 discharge
27/09/2021		1	7.6	326	0.2	180	6	<2	<5	Monthly Sample
15/10/2021		1	7.9	263	3.6		6		<5	EPL 10 discharge
22/10/2021		1	7.7	320	2.3		<5		<5	EPL 10 discharge
26/10/2021		1	7.8	297	2.3	182	<5	<2	<5	Monthly Sample
8/11/2021		1	7.2	325	13		<5		<5	EPL 1 & 10 discharge - 95mm recorded - Austen - 8th to 13th Nov 2021
9/11/2021		1	7.7	326	13		7		<5	EPL 1 & 10 discharge - 95mm recorded - Austen - 8th to 13th Nov 2021
10/11/2021		1	6.9	353	8.6		8		<5	EPL 10 discharge - 95mm recorded - Austen - 8th to 13th Nov 2021
11/11/2021		1	7.4	299	31		17		<5	EPL 10 discharge - 95mm recorded - Austen - 8th to 13th Nov 2021
12/11/2021		1	7.2	245	31		74		<5	EPL 1 & 8 Discharge - 95mm recorded - Austen - 8th to 13th Nov 2021
24/11/2021		1	7.7	290	4	182	<5	<2	<5	Monthly Sample
26/11/2021		1	7.5	258	75		108		<5	EPL 10 discharge - 63mm rain 24th to 28th Nov
27/11/2021		1	7.5	296	28		16		<5	EPL 1 & 10 discharge - 63mm rain 24th to 28th Nov
28/11/2021		1	7.9	286	16		9		<5	EPL 1 & 10 discharge - 63mm rain 24th to 28th Nov
29/11/2021		1	7.8	282	14		9		<5	EPL 1 & 10 discharge - 63mm rain 24th to 28th Nov
30/11/2021		1	6.9	300	10		5		<5	EPL 1 & 10 discharge - 63mm rain 24th to 28th Nov
1/12/2021		1	7.5	231	8.8		<5		<5	EPL 1 discharge - 63mm rain 24th to 28th Nov
7/12/2021		1	7.7	222	8.8		<5		<5	EPL 10 discharge
8/12/2021		1	7.6	226	6		<5		<5	EPL 10 discharge
9/12/2021		1	7.3	387	40		35		<5	EPL 10 discharge
10/12/2021		1	7.4	284	20		27		<5	EPL 10 discharge
15/12/2021		1	7.9	351	2.6		<5		<5	EPL 10 discharge
16/12/2021		1	7.6	193	4.3		<5		<5	EPL 10 discharge
22/12/2021		1	6.9	274	2.6	176	8	<2	<5	Monthly Sample
7/01/2022		1	7.7	252	33		31		<5	EPL 1 & 10 discharge - 71mm rain 7th to 11th Jan 2022
10/01/2022		1	7.3	132	5.7		5		<5	EPL 1 & 9 discharge - 71mm rain 7th to 11th Jan 2022
11/01/2022		1	7.5	200	6.7		9		<5	EPL 1 & 9 discharge - 71mm rain 7th to 11th Jan 2022
20/01/2022		1	7.2	216	11	150	9	<2	<5	Monthly Sample
28/01/2022		1	7.3	199	9.8		10		<5	EPL 10 controlled discharge
29/01/2022		1	7.5	197	9.1		25		<5	EPL 10 controlled discharge
21/02/2022		1	7.4	185	14	142	19	8	<5	Monthly Sample
6/03/2022		1	7.2	186	33		50		<5	EPL 1 Discharge - 137.83mm rain 2nd to 9th March 2022
7/03/2022		1	6.7	165	34		57		<5	EPL 1 & 8 Discharge - 137.83mm rain 2nd to 9th March 2023
8/03/2022		1	7.6	187	28		60		<5	EPL 1 & 8 Discharge - 137.83mm rain 2nd to 9th March 2024
9/03/2022		1	7.3	153	40		35		<5	EPL 1 & 10 Discharge - 137.83mm rain 2nd to 9th March 2025
10/03/2022		1	7.2	179	17		23	7		EPL 1 & 10 Discharge - 137.83mm rain 2nd to 9th March 2026
11/03/2022		1	7.7	185	21		18		<5	EPL 1 & 10 Discharge - 137.83mm rain 2nd to 9th March 2027
12/03/2022		1	7.1	152	21		14		<5	EPL 1 Discharge - 137.83mm rain 2nd to 9th March 2028
22/03/2022		1	7.7	247	9.1	194	5	<2	<5	Monthly Sample
30/03/2022		1	7.2	171	11		38		<5	EPL 10 controlled discharge
21/04/2022		1	6.4	163	14	126	6	<2	<5	Monthly Sample
3/05/2022		1	7.3	172	5		<5		<5	EPL 10 controlled discharge
4/05/2022		1	7.6	182	4.3		<5		<5	EPL 9 & 10 controlled discharge
17/05/2022		1	6.5	167	9.5		10		<5	EPL 10 controlled discharge
18/05/2022		1	7.3	165	6.3		<5		<5	EPL 10 controlled discharge
23/05/2022		1	7.5	199	6.1	130	<5	<2	<5	Monthly Sample
23/06/2022		1	6.8	203	4.2	152	<5	<2	<5	Monthly Sample
24/06/2022		1	7.5	236	4		<5		<5	EPL 10 controlled discharge
<b>Total</b>			<b>108.8</b>	<b>2757</b>	<b>277</b>	<b>612</b>	<b>349</b>		<b>7</b>	
	Mean		<b>9.67</b>	<b>229.75</b>	<b>23.08</b>	<b>51.00</b>	<b>29.08</b>	<b>0.67</b>	<b>0.58</b>	
	Lowest		<b>7.42</b>	<b>247.74</b>	<b>14.39</b>	<b>172.30</b>	<b>22.77</b>	<b>8.00</b>	<b>7.00</b>	#DIV/0!
	Highest		<b>5.80</b>	<b>132.00</b>	<b>0.20</b>	<b>126.00</b>	<b>5.00</b>	<b>8.00</b>	<b>7.00</b>	#DIV/0!
			<b>8.10</b>	<b>387.00</b>	<b>75.00</b>	<b>197.00</b>	<b>108.00</b>	<b>8.00</b>	<b>7.00</b>	<b>0.00</b>

Dust Monitoring

EPL Point 4

Period	Month	Number of Samples	Sawmill	Insoluble Solids	Combustible Matter	Ash
24/06/2021 - 26/07/2021	Jul-2021	continuous	Sawmill	0.2	<0.1	0.2
26/07/2021 - 25/08/2021	Aug-2021	continuous	Sawmill	0.5	0.4	0.1
25/08/2021 - 27/09/2021	Sep-2021	continuous	Sawmill	0.8	0.4	0.4
27/09/2021 - 26/10/2021	Oct-2021	continuous	Sawmill	0.9	0.4	0.5
26/10/2021 - 24/11/2021	Nov-2021	continuous	Sawmill	0.7	0.4	0.3
24/11/2021 - 22/12/2021	Dec-2021	continuous	Sawmill	0.6	0.4	0.2
22/12/2021 - 20/01/2022	Jan-2022	continuous	Sawmill	4.3	3.1	1.2
20/01/2022 - 21/02/2022	Feb-2022	continuous	Sawmill	3.2	2.3	0.9
21/02/2022 - 22/03/2022	Mar-2022	continuous	Sawmill	0.5	0.3	0.2
22/03/2022 - 21/04/2022	Apr-2022	continuous	Sawmill	0.7	0.4	0.3
21/04/2022 - 23/05/2022	May-2022	continuous	Sawmill	1.2	N.S	N.S
23/05/2022 - 23/06/2022	Jun-2022	continuous	Sawmill	0.8	0.4	0.4
				<b>14.4</b>	<b>8.5</b>	<b>4.7</b>
	Mean			<b>1.20</b>	<b>0.85</b>	<b>0.43</b>
	Lowest			<b>0.2</b>	<b>0.3</b>	<b>0.1</b>
	Highest			<b>4.3</b>	<b>3.1</b>	<b>1.2</b>

Crucibles broken during analysis

Dust Monitoring

EPL Point 5

Month	Month	Number of Samples	Baners Lane	Insoluble Solids	Combustible Matter	Ash
24/06/2021 - 26/07/2021	Jul-2021	continuous	Baners Lane	0.5	0.3	0.2
26/07/2021 - 25/08/2021	Aug-2021	continuous	Baners Lane	0.5	0.4	0.1
25/08/2021 - 27/09/2021	Sep-2021	continuous	Baners Lane	0.8	0.6	0.2
27/09/2021 - 26/10/2021	Oct-2021	continuous	Baners Lane	0.9	0.7	0.2
26/10/2021 - 24/11/2021	Nov-2021	continuous	Baners Lane	0.3	0.2	0.1
24/11/2021 - 22/12/2021	Dec-2021	continuous	Baners Lane	0.7	0.6	0.1
22/12/2021 - 20/01/2022	Jan-2022	continuous	Baners Lane	0.3	0.2	0.1
20/01/2022 - 21/02/2022	Feb-2022	continuous	Baners Lane	0.3	0.2	0.1
21/02/2022 - 22/03/2022	Mar-2022	continuous	Baners Lane	0.1	0.1	<0.1
22/03/2022 - 21/04/2022	Apr-2022	continuous	Baners Lane	0.4	0.3	0.1
21/04/2022 - 23/05/2022	May-2022	continuous	Baners Lane	0.5	0.4	0.1
23/05/2022 - 23/06/2022	Jun-2022	continuous	Baners Lane	0.9	0.7	0.2
				<b>6.2</b>	<b>4.7</b>	<b>1.5</b>
	Mean			<b>0.52</b>	<b>0.39</b>	<b>0.14</b>
	Lowest			<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
	Highest			<b>0.9</b>	<b>0.7</b>	<b>0.2</b>

Crucibles broken during analysis

Dust Monitoring

EPL Point 6

Month	Month	Number of Samples	Bald Hill	Insoluble Solids	Combustible Matter	Ash
24/06/2021 - 26/07/2021	Jul-2021	continuous	Bald Hill	0.5	0.3	0.2
26/07/2021 - 25/08/2021	Aug-2021	continuous	Bald Hill	0.5	0.4	0.1
25/08/2021 - 27/09/2021	Sep-2021	continuous	Bald Hill	1.4	0.9	0.5
27/09/2021 - 26/10/2021	Oct-2021	continuous	Bald Hill	1.6	1.1	0.4
26/10/2021 - 24/11/2021	Nov-2021	continuous	Bald Hill	0.7	0.5	0.2
24/11/2021 - 22/12/2021	Dec-2021	continuous	Bald Hill	0.6	0.4	0.2
22/12/2021 - 20/01/2022	Jan-2022	continuous	Bald Hill	0.3	0.1	0.2
20/01/2022 - 21/02/2022	Feb-2022	continuous	Bald Hill	11.2	7.8	3.4
21/02/2022 - 22/03/2022	Mar-2022	continuous	Bald Hill	0.4	0.3	0.1
22/03/2022 - 21/04/2022	Apr-2022	continuous	Bald Hill	0.7	0.5	0.2
21/04/2022 - 23/05/2022	May-2022	continuous	Bald Hill	2	N.S	N.S
23/05/2022 - 23/06/2022	Jun-2022	continuous	Bald Hill	1.0	0.6	0.4
				<b>20.9</b>	<b>12.9</b>	<b>5.9</b>
	Mean			<b>1.74</b>	<b>1.17</b>	<b>0.54</b>
	Lowest			<b>0.3</b>	<b>0.1</b>	<b>0.1</b>
	Highest			<b>11.2</b>	<b>7.8</b>	<b>3.4</b>

ND - Not Detected

EPL POINT 8







Tumbulgun Point 2		WM 2	Pollutant	OIL and Grease -10 Milligrams per Lt.	Total Suspended Solids Max 50 Milligrams per litre	pH (wet) Range 6.5 to 8.5	Requirement to Monitor Volume or Mass
Month	Number of Samples	Frequency			Monthly during discharge	<24hrs prior to discharge	Daily when wastes (water) discharged Litres per day
Jul-2021	0						Nil Controlled Discharge
Aug-2021	0						Nil Controlled Discharge
Sep-2021	0						Nil Controlled Discharge
Oct-2021	0						Nil Controlled Discharge
Nov-2021	0						Nil Controlled Discharge
Dec-2021	0						Nil Controlled Discharge
Jan-2022	0						Nil Controlled Discharge
Feb-2022	0						Nil Controlled Discharge
Mar-2022	0						Nil Controlled Discharge
Apr-2022	0						Nil Controlled Discharge
May-2022	0						Nil Controlled Discharge
Jun-2022	0						Nil Controlled Discharge

Tumbulgun Additional to EPL requirements testing		Site Location	Pollutant	OIL and Grease -10 Milligrams per Lt.	Total Suspended Solids Max 50 Milligrams per litre	pH (wet) Range 6.5 to 8.5	Monitor Volume or Mass
Date	Location	Location	Samples		Monthly during	<24hrs prior to discharge	Daily when
							Why Sampled - Discharge or Random?

EPL 3430 - Condition L2.5 The concentration limits in the above tables do not apply to any discharge from the final sediment basin arising from rainfall exceeding 82.5mm in total falling over any consecutive five day period

### Tumbulgun EPL 3430

Tumbulgun Blast Monitoring results

Blasting	Frequency	Date	Limits	Units of measure	Loc # 1 - 43 Pollard Rd	Loc # 2 - 2 Pollard Rd	Loc # 3 - 729 - 731 Dulguigan Rd	Blast #
Ground Vibration	Per Blast	19.02.2021	5 - trigger point >0.26	mm/s	0.64	0.83	Not required	#70
Overpressure	Per Blast	19.02.2021	Max 115 - Trigger point >100	dB	109.9	106.0	Not required	#70
Ground Vibration	Per Blast	11.12.2020	5 - trigger point >0.26	mm/s	0.66	No Trigger	Not required	#71
Overpressure	Per Blast	11.12.2020	Max 115 - Trigger point >95	dB	97.5	No Trigger	Not required	#71
Ground Vibration	Per Blast	19.02.2021	5 - trigger point >0.26	mm/s	0.34	1.56	Not required	#72
Overpressure	Per Blast	19.02.2021	Max 115 - Trigger point >100	dB	108.8	113.8	Not required	#72
Ground Vibration	Per Blast	26.02.2021	5 - trigger point >0.26	mm/s	0.41	0.32	Not required	#73
Overpressure	Per Blast	26.02.2021	Max 115 - Trigger point >100	dB	98.8	101.9	Not required	#73
Ground Vibration	Per Blast	01.04.2021	5 - trigger point >0.26	mm/s	0.33	0.51	Not required	#74
Overpressure	Per Blast	01.04.2021	Max 115 - Trigger point >100	dB	101.0	104.9	Not required	#74
Ground Vibration	Per Blast	01.04.2021	5 - trigger point >0.26	mm/s	0.59	0.64	Not required	#75
Overpressure	Per Blast	01.04.2021	Max 115 - Trigger point >100	dB	101.9	105.5	Not required	#75
Ground Vibration	Per Blast	07.05.2021	5 - trigger point >0.26	mm/s	1.59	0.60	Not required	#76
Overpressure	Per Blast	07.05.2021	Max 115 - Trigger point >100	dB	107.0	104.9	Not required	#76
Ground Vibration	Per Blast	07.05.2021	5 - trigger point >0.26	mm/s	1.59	0.60	Not required	#77
Overpressure	Per Blast	07.05.2021	Max 115 - Trigger point >100	dB	107.0	104.9	Not required	#77
Ground Vibration	Per Blast	17.06.2021	5 - trigger point >0.26	mm/s	0.48	0.67	Not required	#78
Overpressure	Per Blast	17.06.2021	Max 115 - Trigger point >100	dB	100.0	101.0	Not required	#78
Ground Vibration	Per Blast	09.07.2021	5 - trigger point >0.26	mm/s	No Trigger	1.03	Not required	#79
Overpressure	Per Blast	09.07.2021	Max 115 - Trigger point >100	dB	No Trigger	112.3	Not required	#79
Ground Vibration	Per Blast	26.07.2021	5 - trigger point >0.26	mm/s	0.34	0.30	Not required	#80
Overpressure	Per Blast	26.07.2021	Max 115 - Trigger point >100	dB	104.90	104.2	Not required	#80
Ground Vibration	Per Blast	26.07.2021	5 - trigger point >0.26	mm/s	0.86	0.61	Not required	#81
Overpressure	Per Blast	26.07.2021	Max 115 - Trigger point >100	dB	104.90	101.0	Not required	#81
Ground Vibration	Per Blast	02.08.2021	5 - trigger point >0.26	mm/s	No Trigger	0.66	Not required	#82
Overpressure	Per Blast	02.08.2021	Max 115 - Trigger point >100	dB	No Trigger	103.5	Not required	#82
Ground Vibration	Per Blast	16.09.2021	5 - trigger point >0.26	mm/s	No Trigger	1.14	Not required	#83
Overpressure	Per Blast	16.09.2021	Max 115 - Trigger point >100	dB	No Trigger	111.0	Not required	#83
Ground Vibration	Per Blast		5 - trigger point >0.26	mm/s			Not required	#84
Overpressure	Per Blast		Max 115 - Trigger point >100	dB			Not required	#84
Ground Vibration	Per Blast	05.11.2021	5 - trigger point >0.26	mm/s	Not required	0.89	Not required	#85
Overpressure	Per Blast	05.11.2021	Max 115 - Trigger point >100	dB	Not required	111.2	Not required	#85
Ground Vibration	Per Blast	05.11.2021	5 - trigger point >0.26	mm/s	Not required	1.02	Not required	#86
Overpressure	Per Blast	05.11.2021	Max 115 - Trigger point >100	dB	Not required	109.9	Not required	#86
Ground Vibration	Per Blast	05.11.2021	5 - trigger point >0.26	mm/s	Not required	1.02	Not required	#87
Overpressure	Per Blast	05.11.2021	Max 115 - Trigger point >100	dB	Not required	109.9	Not required	#87
Ground Vibration	Per Blast	20.12.2021	6 - trigger point >0.26	mm/s	Not required	No Trigger	Not required	#88
Overpressure	Per Blast	20.12.2021	Max 115 - Trigger point >101	dB	Not required	No Trigger	Not required	#88
Ground Vibration	Per Blast	20.12.2021	7 - trigger point >0.26	mm/s	Not required	No Trigger	Not required	#89
Overpressure	Per Blast	20.12.2021	Max 115 - Trigger point >102	dB	Not required	No Trigger	Not required	#89
Ground Vibration	Per Blast	11.05.2022	8 - trigger point >0.26	mm/s	1.40	No Trigger	Not required	#90
Overpressure	Per Blast	11.05.2022	Max 115 - Trigger point >103	dB	107.00	No Trigger	Not required	#90
Ground Vibration	Per Blast	17.05.2022	6 - trigger point >0.26	mm/s	Not required	2.05	Not required	#91
Overpressure	Per Blast	17.05.2022	Max 115 - Trigger point >104	dB	Not required	111.2	Not required	#91
Ground Vibration	Per Blast	11.05.2022	8 - trigger point >0.26	mm/s	1.40	No Trigger	Not required	#92
Overpressure	Per Blast	11.05.2022	Max 115 - Trigger point >103	dB	107.00	No Trigger	Not required	#92
Ground Vibration	Per Blast	11.05.2022	8 - trigger point >0.26	mm/s	No Trigger	No Trigger	Not required	#93
Overpressure	Per Blast	11.05.2022	Max 115 - Trigger point >103	dB	No Trigger	No Trigger	Not required	#93

### Yarrabee Rd Quarry - Licence Number 11462

Yarrabee Rd Point 3		Pollutant	Total Suspended Solids Max 50 Milligrams per litre	pH (wet) Range 6.5 to 8.5	Requirement to Monitor Volume or Mass
Month	Number of Samples	Frequency	<24hrs prior to discharge	<24hrs prior to discharge	Daily when wastes (water) discharged Litres per day
21.04.2021	1		7	8.2	0
07.12.2021	1		24	7.3	0
Number of samples	2				
Mean			15.50	7.75	-
Lowest			7.00	7.30	-
Highest			24.00	8.20	-

EPL 11462 - Condition L2.2 The concentration limits in the below table do not apply to any discharge from sediment pond (at Point 3) solely arising from rainfall exceeding 90th percentile (70 mm) 5 day rain event in total falling over any consecutive five day period

### Yarrabee Rd Quarry - Licence Number 11462

Blasting	Frequency	Date	Limits	Units of measure	Results	Blast #	Blast ID
Ground Vibration	Per Blast	14.01.2020	5 - trigger point >0.30	mm/s	Nil Trigger	#85	YRQ-2001
Overpressure	Per Blast	14.01.2020	Max 115 - Trigger point >100dB	dB	Nil Trigger	#85	YRQ-2001
Ground Vibration	Per Blast	31.03.2020	5 - trigger point >0.30	mm/s	Nil Trigger	#86	YRQ-2002
Overpressure	Per Blast	31.03.2020	Max 115 - Trigger point >100dB	dB	Nil Trigger	#86	YRQ-2002
Ground Vibration	Per Blast	26.05.2020	5 - trigger point >0.30	mm/s	1.02	#87	YRQ-2003
Overpressure	Per Blast	26.05.2020	Max 115 - Trigger point >100dB	dB	104.3	#87	YRQ-2003
Ground Vibration	Per Blast	09.09.2020	5 - trigger point >0.30	mm/s	Nil Trigger	#88	YRQ-2004
Overpressure	Per Blast	09.09.2020	Max 115 - Trigger point >100dB	dB	Nil Trigger	#88	YRQ-2004
Ground Vibration	Per Blast	02.12.2020	6 - trigger point >0.30	mm/s	2.46	#89	YRQ-2005
Overpressure	Per Blast	02.12.2020	Max 115 - Trigger point >100dB	dB	113.8	#89	YRQ-2005
Ground Vibration	Per Blast	29.01.2021	6 - trigger point >0.30	mm/s	Nil Trigger	#90	YRQ-2101
Overpressure	Per Blast	29.01.2021	Max 115 - Trigger point >100dB	dB	Nil Trigger	#90	YRQ-2101
Ground Vibration	Per Blast	07.04.2021	6 - trigger point >0.30	mm/s	Nil Trigger	#91	YRQ-2102
Overpressure	Per Blast	07.04.2021	Max 115 - Trigger point >100dB	dB	Nil Trigger	#91	YRQ-2102
Ground Vibration	Per Blast	10.05.2021	6 - trigger point >0.30	mm/s	1.06	#92	YRQ-2103
Overpressure	Per Blast	10.05.2021	Max 115 - Trigger point >100dB	dB	109.5	#92	YRQ-2103
Ground Vibration	Per Blast	22.06.2021	6 - trigger point >0.30	mm/s	Nil Trigger	#92	YRQ-2104
Overpressure	Per Blast	22.06.2021	Max 115 - Trigger point >100dB	dB	Nil Trigger	#92	YRQ-2104
Ground Vibration	Per Blast	28.07.2021	6 - trigger point >0.30	mm/s	1.26	#92	YRQ-2105
Overpressure	Per Blast	28.07.2021	Max 115 - Trigger point >100dB	dB	109.7	#92	YRQ-2105
Ground Vibration	Per Blast	29.09.2021	6 - trigger point >0.30	mm/s	1.06	#93	YRQ-2106

Overpressure	Per Blast	29.09.2021	Max 115 - Trigger point >100dB	dBI	106.2	#93	YRQ-2106
Ground Vibration	Per Blast	26.10.2021	6 - trigger point >0.30	mm/s	Nil Trigger	#94	YRQ-2107
Overpressure	Per Blast	26.10.2021	Max 115 - Trigger point >100dB	dBI	Nil Trigger	#94	YRQ-2107
Ground Vibration	Per Blast	08.12.2021	6 - trigger point >0.30	mm/s	Nil Trigger	#95	YRQ-2108
Overpressure	Per Blast	08.12.2021	Max 115 - Trigger point >100dB	dBI	Nil Trigger	#95	YRQ-2108
Ground Vibration	Per Blast	01.02.2022	6 - trigger point >0.30	mm/s	0.61	#96	YRQ-2201
Overpressure	Per Blast	01.02.2022	Max 115 - Trigger point >100dB	dBI	101.3	#96	YRQ-2201
Ground Vibration	Per Blast	18.02.2022	6 - trigger point >0.30	mm/s	Nil Trigger	#97	YRQ-2202
Overpressure	Per Blast	18.02.2022	Max 115 - Trigger point >100dB	dBI	Nil Trigger	#97	YRQ-2202
Ground Vibration	Per Blast	04.04.2022	7 - trigger point >0.30	mm/s	2.02	#98	YRQ-2203
Overpressure	Per Blast	04.04.2022	Max 115 - Trigger point >100dB	dBI	107.8	#98	YRQ-2203
Ground Vibration	Per Blast		7 - trigger point >0.30	mm/s			
Overpressure	Per Blast		Max 115 - Trigger point >100dB	dBI			