

WATER DISCHARGE RESULTS 2018

EPL No. 396
Licencee: Bloomfield Collieries Pty Ltd
Premises: Bloomfield Colliery
 Four Mile Creek Rd
 Astonfield NSW 2323

Monitoring Frequency:

Daily during discharge



DISCHARGE RECORD 2018													
			DISCHARGE (EPL POINT 1)						FOUR MILE CREEK (EPL POINT 2)				
DISCHARGE	DATE	RAINFALL (mm)	pH	TOTAL SUSPENDED SOLIDS (mg/l)	TOTAL DISSOLVED SOLIDS (mg/l)	SPECIFIC CONDUCT-ANCE (uS/cm)	IRON (mg/l)	DISCHARGE VOLUME (ML/day)	pH	TOTAL SUSPENDED SOLIDS (mg/l)	TOTAL DISSOLVED SOLIDS (mg/l)	SPECIFIC CONDUCT-ANCE (uS/cm)	FLOW FROM LOGGER (ML/day)
1	22-Feb-18	36.4	8.3	7	4,700	5,480	0.01	40	4.7	14	997	1,320	33
2	26-Feb-18	43.4	8.4	10	3,890	4,870	<0.01	30	7.5	90	1,740	2,420	38
3	21-Mar-18	27.2	7.8	8	4,880	5,900	<0.01	40	7.9	34	2,120	2,850	453
4	22-Mar-18	132.8	8.2	18	4,330	4,700	<0.01	40	7.2	44	719	991	158
5	20-Apr-18	21.6	7.5	2	1,730	2,340	<0.01	30	7.0	39	914	1,340	38
6	21-Apr-18	0.2	8.1	3	1,460	2,010	<0.01	20	7.6	12	2,070	2,640	22
7	22-Apr-18	0.0	8.3	11	2,500	3,280	<0.01	10	7.8	6	2,240	2,790	19
8	26-Apr-18	24.0	8.0	7	2,860	4,570	<0.01	30	7.5	10	2,060	3,290	41
9	27-Apr-18	0.0	8.4	10	3,210	3,960	<0.01	10	8.0	10	3,540	3,940	27
10	28-Apr-18	0.0	8.3	18	2,750	3,680	<0.01	10	7.8	13	3,130	3,530	23
11	04-Jun-18	20.6	7.8	3	5,000	5,480	<0.01	40	7.2	17	738	1,160	36
12	05-Jun-18	0.0	8.1	4	4,450	5,250	<0.01	30	8.1	8	5,110	5,560	34
13	06-Jun-18	10.2	8.1	7	3,900	4,370	<0.01	20	8.2	2	3,820	4,450	21
14	11-Jun-18	15.0	8.0	2	3,990	4,640	0.01	20	8.1	5	4,050	4,530	26
15	12-Jun-18	1.6	8.0	2	3,970	4,720	<0.01	10	8.1	4	4,090	4,600	14
16	19-Jun-18	33.8	8.1	3	5,220	5,210	<0.01	40	8.1	34	3,650	3,880	63
17	20-Jun-18	0.0	8.1	3	4,280	4,660	<0.01	30	8.0	30	3,620	3,890	44
18	21-Jun-18	0.0	8.3	4	3,320	4,250	<0.01	10	8.2	7	3,240	3,800	25
19	27-Aug-18	28.0	8.1	2	4,660	4,880	<0.01	40	7.6	38	906	1,290	47
20	04-Sep-18	22.8	8.2	2	5,000	4,820	<0.01	40	7.9	87	2,090	2,390	56
21	05-Sep-18	4.0	8.4	8	3,510	4,090	<0.01	40	8.3	12	4,320	4,580	44
22	06-Sep-18	2.6	8.4	5	3,430	3,920	<0.01	30	8.4	7	3,300	3,740	29
23	05-Oct-18	20.8	8.1	8	5,470	4,890	<0.01	40	7.5	32	1,020	1,370	83
24	06-Oct-18	38.6	8.1	3	5,100	5,070	<0.01	40	8.2	4	3,960	4,000	77
25	07-Oct-18	2.0	8.2	2	4,770	4,820	<0.01	40	8.3	6	3,010	3,310	62
26	08-Oct-18	2.2	8.1	3	2,910	3,430	<0.01	30	8.3	7	2,950	3,270	39
27	11-Oct-18	31.0	8.1	2	4,690	4,520	<0.01	20	8.2	10	2,500	2,950	52
28	12-Oct-18	5.0	8.5	6	2,340	3,150	<0.01	20	8.2	13	2,800	3,240	40

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29	13-Oct-18	0.0	8.2	6	2,450	3,150	<0.01	10	8.0	16	3,210	3,500	25
30	08-Nov-18	16.0	8.1	4	5,460	4,900	<0.01	40	7.7	31	1,770	2,320	57
31	09-Nov-18	0.0	8.1	9	4,380	4,400	<0.01	40	8.1	2	4,560	4,420	56
32	28-Nov-18	65.6	7.8	2	4,960	4,750	<0.01	40	7.9	45	3,670	3,950	88
33	29-Nov-18	0.0	8.2	6	3,910	4,010	<0.01	40	7.9	17	3,520	3,650	75
34	30-Nov-18	0.0	7.9	3	3,590	3,770	<0.01	40	8.1	3	3,730	3,770	59
	Max		8.5	18	5,470	5,900	0.02	40	8.4	90	5,110	5,560	453
	Min		7.5	2	1,460	2,010	<0.01	10	4.7	2	719	991	14
	Average		8.1	6	3,914	4,351	<0.02	30	7.8	21	2,799	3,198	59
	EPL Limit		6.5-8.5	30	-	6,000	1	40	-	-	-	-	-