

WATER DISCHARGE RESULTS 2022

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 2022													
			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	05-Jan-22	10.0	8.0	5	5,150	5,440	<0.01	40	7.5	54	3,650	4,240	*
2	08-Jan-22	27.0	7.9	5	5,110	5,500	<0.01	30	7.5	10	1,750	2,250	81
3	09-Jan-22	9.8	7.9	5	4,710	5,110	<0.01	20	7.8	8	3,380	3,840	54
4	10-Jan-22	1.0	7.9	5	4,410	5,040	<0.01	20	7.7	10	2,640	3,130	27
5	19-Jan-22	14.2	8.2	6	5,390	5,790	<0.01	40	7.6	14	1,590	2,210	57
6	20-Jan-22	20.0	8.1	5	5,400	5,720	<0.01	40	7.9	7	5,410	5,240	62
7	21-Jan-22	2.6	8.2	7	4,630	5,100	<0.01	20	7.9	6	4,930	5,160	48
8	02-Feb-22	24.2	8.0	5	5,470	5,790	<0.01	40	7.6	8	1,430	1,980	54
9	03-Feb-22	6.8	8.0	8	5,500	5,860	0.38	40	7.9	5	5,580	5,630	53
10	04-Feb-22	3.4	8.1	6	4,510	5,220	<0.01	30	8.0	5	4,760	5,200	48
11	12-Feb-22	13.4	8.0	6	5,620	5,890	<0.01	40	7.7	19	2,780	3,320	53
12	18-Feb-22	26.0	8.0	6	5,530	5,850	<0.01	40	7.6	18	1,380	1,860	57
13	19-Feb-22	3.6	8.1	5	5,330	5,520	<0.01	30	8.1	6	5,010	5,260	52
14	20-Feb-22	0.0	8.1	5	5,400	5,540	<0.01	20	8.0	8	4,040	4,530	32
15	23-Feb-22	13.0	8.1	6	5,380	5,820	<0.01	20	7.8	17	4,370	4,900	24
16	01-Mar-22	10.4	8.1	5	5,420	5,580	<0.01	20	7.6	7	2,550	3,050	57
17	02-Mar-22	23.6	8.0	6	5,470	5,700	<0.01	20	7.6	9	1,620	2,480	148
18	03-Mar-22	6.8	8.1	5	4,990	5,360	<0.01	20	7.7	8	2,650	3,090	219
19	04-Mar-22	57.0	8.2	17	3,760	4,210	<0.01	20	7.0	24	790	1,060	86
20	05-Mar-22	2.0	8.1	16	3,800	4,210	<0.01	20	7.5	5	2,080	2,540	67
21	06-Mar-22	12.2	8.2	13	3,530	4,050	<0.01	20	7.6	5	2,380	2,890	49
22	08-Mar-22	21.2	8.1	9	3,930	4,200	<0.01	20	7.2	16	884	1,240	236
23	09-Mar-22	24.8	8.1	15	4,110	4,430	<0.01	20	7.0	26	790	1,040	107
24	10-Mar-22	1.6	8.0	21	3,420	3,760	0.01	20	7.4	12	1,370	1,700	49
25	11-Mar-22	0.0	8.0	16	3,510	3,910	0.01	20	7.5	10	2,050	2,440	30
26	24-Mar-22	33.8	8.0	8	5,710	5,640	<0.01	40	7.4	140	791	1,090	289
27	25-Mar-22	42.4	8.1	12	5,660	5,500	<0.01	40	7.0	29	1,210	1,520	188
28	26-Mar-22	23.6	8.1	11	5,130	5,260	<0.01	20	7.2	49	1,010	1,370	166
29	27-Mar-22	5.0	8.0	19	4,450	4,760	<0.01	20	7.2	32	1,050	1,340	93
30	28-Mar-22	5.0	7.9	19	3,660	3,930	0.02	20	7.4	18	1,500	1,890	57

WATER DISCHARGE RESULTS 2022

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 2022													
			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)
31	30-Mar-22	15.6	7.8	18	4,960	4,880	0.02	20	7.2	23	672	871	136
32	31-Mar-22	16.8	8.0	20	3,500	3,680	0.01	20	7.2	26	1,130	1,320	90
33	01-Apr-22	2.2	8.1	14	2,810	3,150	0.02	20	7.4	18	1,130	1,400	49
34	08-Apr-22	53.6	7.9	6	5,940	5,500	<0.01	40	6.7	45	356	428	165
35	09-Apr-22	1.6	7.9	6	5,670	5,230	<0.01	40	7.8	10	2,210	2,490	82
36	10-Apr-22	0.2	7.9	6	5,370	5,160	<0.01	30	7.8	12	2,360	2,620	60
37	13-Apr-22	10.0	8.1	6	5,500	5,110	0.01	30	7.5	11	1,720	2,070	49
38	22-Apr-22	12.0	8.0	6	5,450	5,110	<0.01	40	7.4	12	1,740	2,080	52
39	24-Apr-22	12.8	8.0	6	5,020	4,730	<0.01	30	7.7	6	3,290	3,440	61
40	13-May-22	11.0	7.9	5	5,790	5,530	<0.01	40	7.2	8	668	1,020	62
41	22-May-22	13.6	7.7	5	5,920	5,490	<0.01	40	7.4	5	1,140	1,520	151
42	23-May-22	27.6	8.1	5	4,750	4,610	<0.01	40	7.7	21	2,460	2,670	134
43	24-May-22	7.6	8.2	5	3,440	3,680	<0.01	40	7.6	18	1,640	1,960	80
44	25-May-22	5.0	8.2	5	3,710	3,850	0.03	30	7.8	16	2,020	2,290	64
45	03-Jul-22	20.6	8.1	5	5,490	5,170	<0.01	40	7.5	8	1,550	2,130	482
46	04-Jul-22	104.8	8.1	6	2,360	5,170	0.08	40	7.1	48	632	829	320
47	05-Jul-22	56.8	8.3	10	3,500	3,950	<0.01	40	7.2	50	686	983	704
48	06-Jul-22	139.0	7.5	35	802	1,170	0.02	40	6.9	49	242	317	447
49	07-Jul-22	45.0	7.5	42	818	1,140	0.16	40	6.8	30	322	379	171
50	08-Jul-22	0.8	6.5	25	438	628	0.16	40	6.8	43	490	676	86
51	09-Jul-22	0.0	7.5	14	1,550	1,910	0.01	40	7.1	38	540	732	66
52	10-Jul-22	28.6	7.5	15	1,690	2,020	0.01	30	7.1	28	556	748	185
53	11-Jul-22	0.4	7.4	14	1,750	2,060	0.01	30	7.1	38	584	797	93
54	12-Jul-22	0.8	7.9	5	1,970	2,460	0.02	30	7.4	32	918	1,260	62
55	05-Aug-22	15.5	7.9	5	4,570	4,570	<0.01	40	7.2	7	1,520	2,060	56
56	06-Aug-22	0.8	8.0	5	4,260	4,290	<0.01	40	7.8	5	3,310	3,580	50
57	24-Aug-22	18.6	8.0	5	5,580	5,340	<0.01	40	7.3	17	942	1,320	52
58	25-Aug-22	0.0	8.0	5	4,440	4,540	<0.01	40	8.0	10	4,740	4,760	51
59	03-Sep-22	35.4	8.0	5	5,660	5,230	<0.01	40	7.6	5	2,670	3,010	121
60	04-Sep-22	4.8	8.1	5	5,510	5,010	<0.01	40	7.9	13	2,920	3,050	76

WATER DISCHARGE RESULTS 2022

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 2022													
			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)
61	05-Sep-22	5.6	8.2	5	4,020	4,120	<0.01	30	7.9	15	3,150	3,290	54
62	16-Sep-22	15.8	8.0	5	6,060	5,770	<0.01	40	7.3	18	546	845	52
63	17-Sep-22	0.0	8.0	5	5,720	5,540	<0.01	40	8.0	8	4,010	4,110	55
64	22-Sep-22	23.4	7.9	5	6,000	5,470	<0.01	40	7.4	21	1,100	1,460	72
65	23-Sep-22	4.0	7.9	5	5,730	5,490	<0.01	40	8.0	10	4,830	4,770	68
66	24-Sep-22	0.8	8.1	5	5,070	4,880	<0.01	30	7.9	10	3,210	3,600	59
67	30-Sep-22	16.2	8.0	5	6,110	5,750	0.01	40	7.6	6	1,210	1,640	63
68	01-Oct-22	9.0	8.1	5	5,720	5,440	<0.01	40	7.7	11	4,010	4,220	61
69	06-Oct-22	24.2	8.1	5	6,120	5,450	<0.01	40	7.6	7	1,300	1,630	92
70	07-Oct-22	0.2	8.1	5	5,520	5,100	<0.01	40	7.7	6	2,550	2,930	138
71	08-Oct-22	17.2	8.3	5	4,090	4,210	<0.01	30	7.6	48	1,790	2,020	225
72	09-Oct-22	28.8	8.2	5	3,840	4,000	<0.01	30	7.7	49	1,600	1,910	150
73	10-Oct-22	0.0	8.2	9	2,850	3,340	0.02	30	7.7	39	1,310	1,650	66
74	11-Oct-22	0.2	8.2	5	3,720	4,000	0.02	30	7.9	24	2,120	2,400	46
75	20-Oct-22	10.5	8.1	5	5,600	5,670	<0.01	40	7.4	8	1,430	1,960	64
76	21-Oct-22	8.5	8.1	5	5,310	5,430	<0.01	40	7.8	7	3,300	3,820	56
77	14-Nov-22	26.4	8.1	5	5,370	5,370	<0.02	40	7.4	10	1,000	1,500	52
78	15-Nov-22	0.0	8.1	5	5,020	5,440	<0.01	40	7.7	12	4,980	5,130	51
79	16-Nov-22	0.0	8.0	5	5,160	5,620	<0.01	30	7.9	14	4,600	4,900	43
80	25-Dec-22	12.6	8.1	5	4,700	5,750	<0.01	40	7.4	21	1,590	2,210	32
	Max		8.3	42	6,120	5,890	0.38	40	8.1	140	5,580	5,630	704
	Min		6.5	5	438	628	<0.01	20	6.7	5	242	317	24
	Average		8.0	9	4,550	4,699	0.05	33	7.5	20	2,128	2,454	105
	EPL Limit		6.5-8.5	30	-	6,000	1	40	-	-	-	-	-

Note: * Denotes logger malfunction.