

WATER DISCHARGE RESULTS 2025

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 2025													
			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 (kL/day)	pH	TOTAL SUSPENDED SOLIDS (mg/l)	TOTAL DISSOLVED SOLIDS (mg/l)	SPECIFIC CONDUCT-ANCE (uS/cm)	FLOW FROM LOGGER (kL/day)
1	09-Jan-25	11.4	7.8	5	4,650	5,600	<0.01	25,000	7.5	10	2,900	3,640	23,628
2	16-Jan-25	31.6	8.0	6	4,670	5,630	<0.01	40,000	7.2	30	710	1,040	55,421
3	17-Jan-25	11.8	8.0	6	3,420	4,670	<0.01	30,000	7.8	8	3,620	4,730	107,013
4	18-Jan-25	40.6	8.0	5	3,270	4,480	<0.01	30,000	7.9	5	2,870	3,970	92,859
5	19-Jan-25	9.6	8.0	5	3,420	4,670	<0.01	30,000	7.9	5	2,550	3,310	54,178
6	20-Jan-25	0.0	8.0	6	4,930	5,670	<0.01	30,000	7.9	5	2,690	3,600	40,095
7	29-Jan-25	12.8	7.9	9	5,300	5,860	<0.01	35,000	7.7	10	2,820	3,620	48,236
8	01-Feb-25	11.8	7.8	5	5,080	5,840	<0.01	30,000	7.8	10	4,140	4,870	53,474
9	05-Mar-25	11.0	7.9	12	4,940	5,510	<0.01	20,000	7.7	9	1,930	2,550	36,755
10	07-Mar-25	11.0	7.9	10	4,890	5,530	<0.01	20,000	7.6	6	4,760	5,320	52,542
11	08-Mar-25	22.2	8.0	8	4,910	5,660	0.03	40,000	7.7	5	4,950	5,460	69,455
12	09-Mar-25	0.0	7.8	8	3,880	4,900	<0.01	40,000	7.9	5	4,740	5,440	64,032
13	10-Mar-25	1.4	8.0	10	3,620	4,720	<0.01	30,000	8.0	6	3,880	4,880	50,173
14	21-Mar-25	10.8	7.8	5	5,060	5,770	<0.01	40,000	7.8	37	3,440	4,470	51,744
15	29-Mar-25	41.2	8.1	11	5,060	5,650	0.03	40,000	7.4	12	1,340	1,790	76,839
16	30-Mar-25	18.8	8.2	11	4,500	5,330	0.01	40,000	7.9	10	4,330	4,990	65,412
17	31-Mar-25	2.2	8.0	12	3,440	4,430	<0.01	40,000	8.0	6	3,840	4,560	66,279
18	22-Apr-25	40.5	8.0	5	5,260	5,820	<0.01	40,000	7.6	22	610	948	32,267
19	23-Apr-25	3.4	8.0	5	5,040	5,670	<0.01	35,000	7.5	5	3,750	4,510	34,724
20	24-Apr-25	2.6	7.9	10	3,800	4,930	<0.01	30,000	7.4	14	3,790	4,760	31,757
21	28-Apr-25	66.0	7.8	17	4,410	5,070	<0.01	40,000	7.0	28	340	496	83,198
22	29-Apr-25	1.2	8.1	14	3,780	4,320	<0.01	40,000	7.6	21	1,620	2,090	79,025
23	30-Apr-25	14.0	8.1	18	3,600	4,180	<0.01	40,000	7.5	26	1,900	2,290	50,558
24	16-May-25	10.6	7.9	5	5,210	5,470	<0.01	40,000	7.3	9	870	1,300	35,435
25	19-May-25	74.0	7.9	5	5,240	5,480	<0.01	40,000	7.7	86	270	382	418,248
26	20-May-25	48.0	8.1	16	4,180	4,580	<0.01	40,000	7.2	60	670	840	247,164
27	21-May-25	34.0	8.0	16	4,060	4,390	<0.01	40,000	7.1	35	640	746	276,355
28	22-May-25	30.2	7.8	44	2,100	2,400	0.02	40,000	6.9	98	530	637	286,715
29	23-May-25	47.2	7.6	46	1,860	2,160	0.02	40,000	6.7	67	350	389	205,186
30	24-May-25	0.0	7.9	20	1,910	2,420	0.02	40,000	7.1	60	730	975	81,483

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DISCHARGE RECORD 2025													
			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 (kL/day)	pH	TOTAL SUSPENDED SOLIDS (mg/l)	TOTAL DISSOLVED SOLIDS (mg/l)	SPECIFIC CONDUCT-ANCE (uS/cm)	FLOW FROM LOGGER (kL/day)
31	25-May-25	0.2	8.1	18	1,890	2,440	0.02	20,000	7.4	37	1,550	1,910	50,699
32	27-May-25	22.2	7.6	10	2,310	2,840	0.04	20,000	6.9	48	380	506	99,002
33	28-May-25	0.0	7.1	12	2,320	2,710	0.02	20,000	7.2	43	1,070	1,380	50,879
34	29-May-25	0.0	7.1	7	2,760	3,150	0.02	20,000	7.5	27	1,810	2,180	37,885
35	01-Jul-25	23.8	7.9	5	5,410	5,720	<0.01	40,000	7.4	16	880	1,330	98,001
36	02-Jul-25	30.2	7.9	5	5,020	5,350	0.13	40,000	7.6	26	1,720	2,140	98,385
37	03-Jul-25	7.8	7.9	5	3,610	4,010	0.01	40,000	7.6	30	1,380	1,780	58,688
38	04-Jul-25	0.0	8.0	5	3,350	3,620	<0.01	40,000	7.8	20	2,130	2,530	42,049
39	31-Jul-25	22.4	8.0	5	5,690	5,800	<0.01	40,000	7.3	11	1,390	1,950	37,924
40	01-Aug-25	0.0	8.1	5	5,270	5,470	<0.01	40,000	7.9	11	4,800	5,160	85,089
41	02-Aug-25	1.2	8.1	5	4,910	5,250	<0.01	40,000	7.5	33	3,010	3,480	414,314
42	03-Aug-25	87.0	7.7	17	3,850	4,350	<0.01	40,000	7.0	93	260	311	213,949
43	04-Aug-25	48.6	7.6	18	3,620	4,150	<0.01	40,000	7.3	51	710	943	96,211
44	05-Aug-25	2.0	7.8	10	4,030	4,620	<0.01	40,000	7.6	43	1,430	1,840	67,115
45	06-Aug-25	0.2	7.9	13	3,170	3,820	<0.01	40,000	7.6	44	1,630	2,090	56,540
46	10-Aug-25	17.4	8.1	16	5,420	5,710	<0.01	40,000	7.4	24	760	1,120	81,028
47	11-Aug-25	0.8	8.1	9	4,780	5,180	<0.01	40,000	7.7	38	2,330	2,800	63,291
48	21-Aug-25	13.8	8.1	5	5,290	5,590	0.01	40,000	7.0	38	420	573	161,582
49	22-Aug-25	16.6	8.0	5	5,090	5,340	<0.01	40,000	7.6	49	1,300	1,780	101,531
50	23-Aug-25	3.4	8.0	5	4,700	4,510	<0.01	40,000	7.6	42	2,120	2,430	87,200
51	10-Sep-25	17.8	8.0	5	5,160	5,300	<0.01	40,000	7.3	11	1,430	2,010	66,306
52	11-Sep-25	17.6	8.2	5	4,870	5,010	<0.01	40,000	7.8	21	3,440	3,860	55,618
53	12-Sep-25	0.4	8.2	5	4,340	4,500	<0.01	30,000	8.0	14	3,560	3,870	46,906
54	18-Oct-25	10.0	8.2	5	5,220	5,460	<0.01	40,000	7.5	14	1,800	2,610	30,466
55	29-Oct-25	18.4	8.1	5	5,490	5,630	<0.01	40,000	7.4	11	2,730	3,300	36,913
56	30-Oct-25	0.0	7.8	5	4,670	5,010	<0.01	40,000	7.8	10	5,560	5,680	29,965
	Max		8.2	46	5,690	5,860	0.13	40,000	8.0	98	5,560	5,680	418,248
	Min		7.1	5	1,860	2,160	<0.01	20,000	6.7	5	260	311	23,628
	Average		7.9	10	4,245	4,774	0.03	35,982	7.5	27	2,164	2,646	91,746

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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 (kL/day)	pH	TOTAL SUSPENDED SOLIDS (mg/l)	TOTAL DISSOLVED SOLIDS (mg/l)	SPECIFIC CONDUCT- ANCE (uS/cm)	FLOW FROM LOGGER (kL/day)
	EPL Limit		6.5-8.5	30	-	6,000	1	40,000	-	-	-	-	-