

WATER DISCHARGE RESULTS 2012

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 2012

			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 CONDUCTANCE (uS/cm)	IRON (mg/l)	DISCHARGE VOLUME (ML/day)	pH	TOTAL SUSPENDED SOLIDS (mg/l)	TOTAL DISSOLVED SOLIDS (mg/l)	SPECIFIC CONDUCTANCE (uS/cm)	FLOW FROM LOGGER (ML/day)
1	23-Jan-12	11.5	8.0	5	3,940	4,790	<0.05	40	7.7	38	3,370	4,240	104.9
2	25-Jan-12	46.0	8.1	9	4,200	5,260	<0.05	40	7.8	10	3,820	4,780	158.3
3	26-Jan-12	0.0	8.3	11	3,930	5,010	<0.05	40	8.2	18	3,470	4,510	106.3
4	27-Jan-12	0.0	8.4	15	3,610	4,670	<0.05	40	8.2	21	3,440	4,490	64.8
5	03-Feb-12	26.0	8.2	13	4,220	5,300	<0.05	40	7.2	67	344	284	229.1
6	04-Feb-12	2.0	8.1	12	3,240	4,040	<0.05	40	7.8	23	2,000	2,600	132.1
7	13-Feb-12	25.5	8.0	11	4,370	5,160	<0.05	40	7.4	38	1,140	1,560	105.4
8	14-Feb-12	0.0	8.5	18	3,480	4,270	<0.05	40	8.1	24	3,460	4,120	103.4
9	20-Feb-12	25.0	8.2	11	3,110	3,860	<0.05	40	7.3	98	774	1,090	502.0
10	02-Mar-12	26.0	8.0	9	4,110	3,520	<0.05	40	7.5	24	3,260	2,700	287.1
11	03-Mar-12	21.5	8.0	8	4,100	3,400	<0.05	40	7.5	70	2,150	1,610	215.9
12	04-Mar-12	0.0	7.8	24	2,340	1,780	<0.05	40	7.8	26	2,490	1,780	136.7
13	20-Mar-12	10.0	7.9	7	4,580	5,170	<0.05	40	7.5	14	3,350	3,940	129.8
14	27-Mar-12	19.0	8.0	12	4,760	5,390	0.77	40	7.8	28	4,000	4,590	112.5
15	28-Mar-12	0.0	8.3	15	2,980	3,950	<0.05	40	8.1	23	4,100	4,740	97.2
16	09-Apr-12	15.6	8.1	6	4,620	5,120	0.08	40	7.9	39	1,690	2,340	93.7
17	10-Apr-12	0.0	8.3	21	3,530	4,230	0.08	40	8.2	23	3,100	3,840	75.1
18	16-Apr-12	15.0	8.1	24	3,450	4,240	<0.05	40	7.8	13	3,010	3,660	84.7
19	17-Apr-12	0.0	8.4	16	2,140	3,030	<0.05	40	8.1	27	2,830	3,560	151.3
20	03-Jun-12	15.0	8.3	12	3,940	4,770	<0.05	40	6.8	15	1,250	1,740	85.4
21	04-Jun-12	17.0	8.5	14	1,710	2,530	<0.05	40	7.9	43	2,310	3,170	67.4
22	12-Jun-12	68.8	8.3	19	3,820	5,330	<0.05	40	6.7	103	248	313	229.3
23	26-Jun-12	15.0	8.3	11	4,630	5,730	<0.05	40	7.4	110	764	1,150	97.4
24	27-Jun-12	2.0	8.3	11	3,250	4,360	<0.05	40	8.2	28	3,660	4,780	80.7
25	06-Jul-12	13.0	8.2	18	3,930	5,120	<0.05	40	7.5	41	1,230	1,750	70.9
26	07-Jul-12	3.5	8.3	14	3,250	4,470	<0.05	40	8.1	22	1,980	2,900	48.6
27	13-Jul-12	17.0	8.2	9	2,080	3,110	<0.05	40	7.6	19	1,500	2,260	96.4
28	14-Jul-12	0.0	8.3	10	2,220	3,430	0.20	40	7.6	13	1,450	2,170	52.2
29	23-Jul-12	14.5	8.3	9	3,800	4,740	<0.05	40	7.8	10	2,550	3,250	74.6
30	24-Jul-12	5.0	8.4	6	3,290	4,120	<0.05	40	8.2	26	3,400	4,320	60.7
31	11-Aug-12	11.6	8.3	6	4,460	5,360	<0.05	40	8.2	18	2,890	3,800	83.8
32	19-Sep-12	10.6	8.4	2	3,240	4,430	<0.05	40	7.6	12	474	744	79.1
33	17-Nov-12	10.0	8.1	1	4,580	6,010	<0.05	40	7.8	17	3,920	5,280	69.9
34	27-Nov-12	11.0	8.3	5	3,820	5,100	<0.05	40	7.4	36	959	1,630	79.6
35	11-Dec-12	11.5	8.3	6	4,050	5,540	<0.05	40	7.9	33	2,680	3,980	56.6
	Max		8.5	24	4,760	6,010	0.77	40	8.2	110	4,100	5,280	502.00
	Min		7.8	1	1,710	1,780	<0.05	40	6.7	10	248	284	48.60
	Average		8.2	11	3,622	4,467	<0.05	40	7.7	33	2,373	2,962	120.65
	EPL Limit		6.5-8.5	30	-	6,000	1	40	-	-	-	-	-