

WATER DISCHARGE RESULTS 2015

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 2015													
			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	11-Jan-15	37.0	8.4	4	3,920	5,380	<0.01	40	8.2	4	3,430	4,910	67
2	12-Jan-15	0.0	8.4	2	4,080	5,610	<0.01	40	8.2	5	3,860	5,310	48
3	19-Jan-15	26.6	8.1	10	4,220	5,720	<0.01	30	7.8	8	2,640	3,760	114
4	20-Jan-15	58.8	8.2	14	3,990	5,440	0.10	20	7.9	26	1,830	2,560	91
5	27-Jan-15	64.0	8.2	17	4,280	5,590	0.01	20	8.0	10	1,400	2,100	196
6	28-Jan-15	6.0	8.3	15	3,500	4,770	<0.01	20	8.0	28	1,510	2,220	125
7	29-Jan-15	0.0	8.3	23	2,980	4,000	<0.01	10	7.9	18	1,590	2,230	40
8	16-Feb-15	21.0	8.0	4	4,290	5,480	<0.01	40	7.6	3	1,160	1,680	57
9	13-Mar-15	17.0	8.2	4	4,650	5,650	<0.05	40	7.8	7	1,030	1,490	67
10	14-Mar-15	0.0	8.0	2	4,530	5,610	<0.05	40	8.1	2	4,010	5,200	54
11	04-Apr-15	41.4	8.2	5	4,300	5,690	<0.05	40	7.6	9	744	1,150	75
12	05-Apr-15	0.0	8.1	4	4,080	5,550	<0.05	10	8.1	5	3,800	5,070	30
13	08-Apr-15	20.6	8.2	6	4,300	5,720	<0.05	30	7.8	3	1,470	2,060	35
14	20-Apr-15	15.8	8.0	2	4,340	5,620	<0.01	40	7.9	6	952	1,500	745
15	21-Apr-15	134.6	8.2	156	2,470	3,450	0.09	40	6.8	166	248	401	676
16	22-Apr-15	254.0	7.5	350	588	953	0.28	40	7.0	248	331	463	365
17	23-Apr-15	20.4	7.5	16	1,630	2,060	<0.01	10	6.9	94	712	1,020	179
18	24-Apr-15	0.0	7.6	10	1,730	2,160	<0.01	10	7.5	140	676	1,030	131
19	25-Apr-15	0.0	7.6	11	1,620	2,120	<0.01	10	7.1	89	706	1,070	110
20	02-May-15	17.2	7.8	25	2,430	2,970	<0.01	10	7.4	52	2,410	3,010	186
21	03-May-15	37.8	7.7	12	2,570	2,860	<0.01	10	7.1	40	806	1,090	108
22	04-May-15	0.0	8.0	6	2,350	2,790	0.02	15	7.0	41	824	1,150	55
23	05-May-15	0.0	8.0	18	1,930	2,400	0.01	30	7.4	22	1,300	1,850	61
24	17-May-15	12.6	8.0	12	3,060	4,240	0.03	40	8.2	26	2,180	3,050	65
25	22-May-15	34.0	8.1	14	3,010	4,380	0.02	40	7.8	13	1,450	2,240	102
26	23-May-15	0.0	8.1	27	2,570	3,200	<0.01	10	7.9	46	1,240	1,880	34
27	24-May-15	0.0	8.1	28	2,600	3,180	<0.01	10	7.8	21	1,410	1,950	26
28	17-Jun-15	16.8	8.0	7	3,350	4,830	<0.01	40	7.6	25	1,550	1,990	76
29	18-Jun-15	3.4	8.1	2	3,670	4,930	<0.01	40	8.1	20	3,220	4,260	75
30	23-Aug-15	32.4	8.0	3	3,710	5,240	<0.01	40	7.6	2	1,800	2,430	110
31	24-Aug-15	0.0	7.9	2	3,990	5,620	<0.01	40	8.0	23	4,040	5,590	98
32	25-Aug-15	0.0	8.3	2	3,860	5,590	<0.01	40	8.3	11	3,580	5,210	85

WATER DISCHARGE RESULTS 2015

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 2015													
			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)
33	17-Sep-15	37.2	8.0	3	3,530	4,740	0.02	40	7.7	7	906	1,360	111
34	18-Sep-15	0.0	8.1	2	4,210	5,610	0.01	40	8.1	30	4,020	5,290	107
35	19-Sep-15	0.0	8.0	3	3,960	5,410	0.01	40	8.1	20	4,050	5,250	94
36	20-Sep-15	15.2	8.1	7	4,080	5,330	0.01	20	8.2	10	3,710	4,750	57
37	21-Sep-15	0.0	8.2	7	4,310	5,540	<0.01	10	8.3	10	4,420	4,740	38
38	25-Sep-15	10.4	8.1	8	4,420	5,630	<0.01	40	8.0	4	3,590	4,420	67
39	22-Oct-15	23.0	8.0	1	4,750	5,560	0.01	40	7.5	28	634	1,010	103
40	23-Oct-15	18.8	8.2	2	4,490	5,470	0.01	40	7.9	9	4,260	5,020	96
41	24-Oct-15	0.0	8.2	2	4,390	5,160	0.05	30	8.0	7	4,380	5,070	68
42	04-Nov-15	16.6	8.0	2	4,860	5,740	0.01	40	7.6	53	1,470	2,060	95
43	05-Nov-05	14.6	7.9	2	3,910	4,930	0.03	30	8.0	6	4,460	5,410	63
44	13-Nov-15	27.6	8.0	2	4,220	5,430	<0.01	40	8.2	11	2,590	3,470	104
45	14-Nov-15	4.0	7.8	5	2,530	3,520	0.01	30	8.2	7	2,710	3,660	78
46	15-Nov-15	1.8	7.8	5	3,120	4,140	0.01	20	8.2	8	2,740	3,690	53
47	10-Dec-15	21.4	8.0	3	4,490	5,360	<0.01	40	7.8	32	2,870	3,660	*
48	11-Dec-15	0.0	8.0	2	4,390	5,250	<0.01	40	7.8	32	3,090	3,920	*
49	12-Dec-15	0.0	8.2	3	4,420	5,300	<0.01	30	8.3	10	4,060	4,990	*
50	17-Dec-15	12.0	8.4	4	4,530	5,410	<0.01	40	7.9	12	3,340	4,310	*
51	22-Dec-15	43.2	8.0	4	4,690	5,330	<0.01	40	7.7	26	1,270	1,900	*
52	23-Dec-15	31.6	8.2	8	4,430	5,050	<0.01	40	8.1	21	3,770	4,410	*
53	27-Dec-15	11.6	8.3	6	4,280	5,140	<.01	40	7.9	11	1,820	2,510	*
	Max		8.4	350	4,860	5,740	0.28	40	8.3	248	4,460	5,590	745
	Min		7.5	1	588	953	<0.01	10	6.8	2	248	401	26
	Average		8.0	17	3,634	4,676	<0.05	31	7.8	30	2,303	3,053	118
	EPL Limit		6.5-8.5	30	-	6,000	1	40	-	-	-	-	-
							Total	1,625					

Note: * Denotes logger malfunction. Water level sensor failure.