

**WATER DISCHARGE RESULTS 2019**

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

**Monitoring Frequency:** Daily during discharge



<b>DISCHARGE RECORD 2019</b>													
			<b>DISCHARGE (EPL POINT 1)</b>						<b>FOUR MILE CREEK (EPL POINT 2)</b>				
<b>DISCHARGE</b>	<b>DATE</b>	<b>RAINFALL (mm)</b>	<b>pH</b>	<b>TOTAL SUSPENDED SOLIDS (mg/l)</b>	<b>TOTAL DISSOLVED SOLIDS (mg/l)</b>	<b>SPECIFIC CONDUCT- ANCE (uS/cm)</b>	<b>IRON (mg/l)</b>	<b>DISCHARGE VOLUME (ML/day)</b>	<b>pH</b>	<b>TOTAL SUSPENDED SOLIDS (mg/l)</b>	<b>TOTAL DISSOLVED SOLIDS (mg/l)</b>	<b>SPECIFIC CONDUCT- ANCE (uS/cm)</b>	<b>FLOW FROM LOGGER (ML/day)</b>
1	09-Feb-19	10.2	7.3	11	3,650	3,460	<0.01	40	7.5	11	3,540	3,260	33
2	21-Feb-19	22.0	7.9	7	4,270	4,090	<0.01	40	7.5	15	3,500	3,210	51
3	22-Feb-19	0.0	8.1	5	3,720	3,540	<0.01	40	7.7	4	4,860	4,250	49
4	23-Feb-19	0.0	8.1	3	3,740	3,510	<0.01	20	7.7	5	3,930	3,270	32
5	10-Mar-19	17.0	7.8	15	4,660	4,520	<0.01	40	7.5	9	4,650	4,220	36
6	11-Mar-19	0.0	7.9	2	4,940	4,690	<0.01	20	7.5	8	1,720	1,880	27
7	16-Mar-19	88.0	7.9	3	4,970	4,730	<0.01	40	7.9	5	3,290	3,420	42
8	17-Mar-19	1.6	8.0	14	3,880	3,860	<0.01	20	7.9	7	3,770	3,760	32
9	18-Mar-19	0.0	8.0	13	3,850	3,770	<0.01	10	7.9	7	3,680	3,740	52
10	30-Mar-19	50.6	7.9	14	4,380	4,590	<0.01	40	7.4	12	630	974	62
11	31-Mar-19	3.2	8.0	26	4,470	4,320	<0.01	20	7.7	11	2,390	2,490	33
12	05-Apr-19	32.0	8.0	8	5,240	4,790	<0.02	30	7.7	25	2,170	2,440	46
13	06-Apr-19	0.0	7.9	8	4,920	4,660	<0.02	20	7.8	9	3,720	3,640	32
14	04-May-19	17.0	7.9	2	5,530	4,670	<0.01	40	8.1	3	3,700	3,560	33
15	05-May-19	0.0	8.2	3	4,020	3,780	<0.01	40	8.1	6	4,390	3,940	28
	Max		8.2	26	5,530	4,790	0.02	40	8.1	25	4,860	4,250	62
	Min		7.3	2	3,650	3,460	<0.01	10	7.4	3	630	974	27
	Average		7.9	9	4,416	4,199	<0.02	31	7.7	9	3,329	3,204	39
	<b>EPL Limit</b>		<b>6.5-8.5</b>	<b>30</b>	<b>-</b>	<b>6,000</b>	<b>1</b>	<b>40</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>