

	<b>West</b>		<b>East</b>	
	<b>Turbidity</b>	<b>pH</b>	<b>Turbidity</b>	<b>pH</b>
<b>Number of Samples Required</b>	7	7	4	4
<b>Samples taken</b>	4	4	1	1
<b>Lowest</b>	17.00	5.99	50	6.5
<b>Highest</b>	253.00	8.01	50	6.5
<b>Mean</b>	108.25	6.94	50	6.5

RAINFALL DATA SHEET BHQ Mth April Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			
2	0	N			N			
3	25	N			N			East discharge line in operation
4	17	N			N			East discharge line in operation
5	21	N			N			East discharge line in operation
6	19	N			N			East discharge line in operation DoP Inspection
7	25	Y			N			East discharge line in operation
8	0	N			N			Storage being restored by dust supression
9	0	N			N			
10	0	N			N			
11	0	N			N			
12	0	N			N			
13	19	N			N			
14	0	N			N			
15	0	N			N			
16	0	N			N			
17	0	N			N			
18	10	N			N			
19	4	N			N			
20	0	N			N			
21	0	N			N			
22	0	N			N			
23	0	N			N			
24	0	N			N			
25	0	N			N			
26	0	N			N			
27	0	N			N			
28	0	N			N			
29	0	N			N			
30	0	N			N			
<b>TOTAL</b>	<b>140</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>0</b>		
<b>RAINDAYS</b>	<b>8</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>1</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				

**RAINFALL DATA SHEET BHQ Mth May Year 2017-18**

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			
2	0	N			N			
3	0	N			N			
4	0	N			N			
5	32	N			N			
6	17	N			N			
7	0	N			N			
8	11	N			N			
9	3	N			N			
10	0	N			N			
11	8	N			N			
12	0	N			N			
13	0	N			N			
14	0	N			N			
15	31	N			N			
16	0	N			N			
17	0	N			N			
18	0	N			N			
19	0	N			N			
20	22	N			N			
21	0	N			N			
22	0	N			N			
23	0	N			N			
24	0	N			N			DoP Inspection
25	0	N			N			
26	0	N			N			
27	0	N			N			
28	0	N			N			
29	0	N			N			
30	0	N			N			
31	0	N			N			
<b>TOTAL</b>	<b>124</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>0</b>		
<b>RAINDAYS</b>	<b>7</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>0</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				

RAINFALL DATA SHEET BHQ Mth June Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			
2	0	N			N			
3	0	N			N			
4	0	N			N			
5	0	N			N			
6	0	N			N			
7	0	N			N			
8	0	N			N			
9	0	N			N			
10	0	N			N			
11	0	N			N			
12	0	N			N			
13	454	Y			Y			
14	8	N			N			
15	0	N			N			
16	8	N			N			Storage restored by untested release
17	0	N			N			
18	0	N			N			
19	36	N			N			
20	38	N			N			
21	8	N			N			
22	7	Y			N			Storage restored by dust supression
23	0	N			N			
24	3	N			N			
25	0	N			N			
26	0	N			N			
27	0	N			N			
28	2	N			N			
29	0	N			N			
30	15	N			N			
<b>TOTAL</b>	<b>579</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>1</b>		
<b>RAINDAYS</b>	<b>10</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>1</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				

RAINFALL DATA SHEET BHQ Mth July Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			
2	0	N			N			
3	1	N			N			
4	0	N			N			
5	0	N			N			
6	0	N			N			
7	0	N			N			
8	0	N			N			
9	0	N			N			
10	0	N			N			
11	2	N			N			
12	105	Y			Y			Storage restored by untested release
13	0	N			N			
14	0	N			N			
15	0	N			N			
16	0	N			N			
17	2	N			N			
18	0	N			N			
19	5	N			N			
20	0	N			N			
21	0	N			N			
22	0	N			N			
23	0	N			N			
24	0	N			N			
25	0	N			N			
26	0	N			N			
27	0	N			N			
28	0	N			N			
29	0	N			N			
30	0	N			N			
31	0	N			N			
<b>TOTAL</b>	<b>115</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>1</b>		
<b>RAINDAYS</b>	<b>5</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>0</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				

RAINFALL DATA SHEET BHQ Mth August Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment	
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH		
1	0	N			N				
2	0	N			N				
3	0	N			N				
4	0	N			N				
5	0	N			N				
6	0	N			N				
7	0	N			N				
8	0	N			N				
9	0	N			N				
10	0	N			N				
11	0	N			N				
12	0	N			N				
13	0	N			N				
14	0	N			N				
15	0	N			N				
16	0	N			N				
17	0	N			N				
18	0	N			N				
19	0	N			N				
20	0	N			N				
21	0	N			N				
22	0	N			N				
23	0	N			N				
24	0	N			N				
25	10	N			N				
26	0	N			N				
27	0	N			N				
28	0	N			N				
29	0	N			N				
30	0	N			N				
31	0	N			N				
<b>TOTAL</b>	<b>10</b>	<b>Samples taken</b>			<b>0</b>	<b>0</b>	<b>Samples Required - West</b>		<b>0</b>
<b>RAINDAYS</b>	<b>1</b>	<b>Lowest</b>			<b>0</b>	<b>0</b>	<b>Samples Required - East</b>		<b>0</b>
		<b>Highest</b>			<b>0</b>	<b>0</b>			
		<b>Mean</b>			<b>0</b>	<b>0</b>			

**RAINFALL DATA SHEET BHQ Mth September Year 2017-18**

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			
2	0	N			N			
3	0	N			N			
4	0	N			N			
5	0	N			N			
6	0	N			N			
7	0	N			N			
8	0	N			N			
9	0	N			N			
10	0	N			N			
11	0	N			N			
12	0	N			N			
13	0	N			N			
14	0	N			N			
15	0	N			N			
16	0	N			N			
17	0	N			N			
18	0	N			N			
19	0	N			N			
20	0	N			N			
21	0	N			N			
22	0	N			N			
23	0	N			N			
24	0	N			N			
25	0	N			N			
26	0	N			N			
27	0	N			N			
28	0	N			N			
29	0	N			N			
30	0	N			N			
<b>TOTAL</b>	<b>0</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>0</b>		
<b>RAINDAYS</b>	<b>0</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>0</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				

RAINFALL DATA SHEET BHQ Mth October Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			
2	0	N			N			
3	46	N			N			
4	24	N			N			
5	0	N			N			
6	0	N			N			
7	0	N			N			
8	0	N			N			
9	6	N			N			
10	4	N			N			
11	0	N			N			
12	0	N			N			
13	0	N			N			
14	0	N			N			
15	0	N			N			
16	107	Y			N			Storage restored by untested release
17	6	N			N			
18	2	N			N			
19	0	N			N			
20	0	N			N			
21	0	N			N			
22	0	N			N			
23	23	N			N			
24	3	N			N			
25	0	N			N			
26	0	N			N			
27	0	N			N			
28	0	N			N			
29	28	N			N			
30	12	N			N			
31	0	N			N			
<b>TOTAL</b>	<b>261</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>1</b>		
<b>RAINDAYS</b>	<b>11</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>1</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				



RAINFALL DATA SHEET BHQ Mth November Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			
2	0	N			N			
3	0	N			N			
4	0	N			N			
5	0	N			N			
6	56	N			N			
7	7	N			N			
8	10	N			N			
9	7	N			N			Storage restored by untested release
10	9	N			N			
11	0	N			N			
12	0	N			N			
13	49	N			N			
14	0	N			N			
15	0	N			N			
16	0	N			N			
17	0	N			N			
18	0	N			N			
19	0	N			N			
20	23	N			N			
21	10	N			N			
22	24	N			N			Storage restored by untested discharge
23	0	N			N			
24	4	N			N			DoP Inspection Valves incorrectly shut and small discharge occurring
25	0	N			N			
26	0	N			N			
27	0	N			N			
28	0	N			N			
29	28	N			N			
30	12	N			N			
<b>TOTAL</b>	<b>239</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>2</b>		
<b>RAINDAYS</b>	<b>12</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>1</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				

**RAINFALL DATA SHEET BHQ Mth December Year 2017-18**

Date	Rainfall (mm)	West spillway			East Spillway			Comment	
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH		
1	0	N			N				
2	0	N			N				
3	0	N			N				
4	0	N			N				
5	11	N			N				
6	4	N			N				
7	0	N			N				
8	0	N			N				
9	0	N			N				
10	0	N			N				
11	4	N			N				
12	0	N			N				
13	0	N			N				
14	0	N			N				
15	0	N			N				
16	0	N			N				
17	0	N			N				
18	0	N			N				
19	0	N			N				
20	0	N			N				
21	0	N			N				
22	7	N			N				
23	0	N			N				
24	0	N			N				
25	0	N			N				
26	0	N			N				
27	0	N			N				
28	0	N			N				
29	0	N			N				
30	0	N			N				
31	0	N			N				
<b>TOTAL</b>	<b>26</b>	<b>Samples taken</b>			<b>0</b>	<b>0</b>	<b>Samples Required - West</b>		<b>0</b>
<b>RAINDAYS</b>	<b>4</b>	<b>Lowest</b>			<b>0</b>	<b>0</b>	<b>Samples Required - East</b>		<b>0</b>
		<b>Highest</b>			<b>0</b>	<b>0</b>			
		<b>Mean</b>			<b>0</b>	<b>0</b>			

RAINFALL DATA SHEET BHQ Mth January Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			
2	0	N			N			
3	145	Y			Y			Storage restored by water use for hydromulch, dust suppression, irrigation and pumping to Sediment Pond 1
4	2	N			N			
5	0	N			N			
6	0	N			N			
7	0	N			N			
8	0	N			N			
9	0	N			N			
10	0	N			N			
11	0	N			N			
12	0	N			N			
13	0	N			N			
14	0	N			N			
15	0	N			N			
16	0	N			N			
17	0	N			N			
18	0	N			N			SDS Visit with Andrew Norris
19	0	N			N			
20	0	N			N			
21	0	N			N			
22	0	N			N			
23	0	N			N			
24	0	N			N			
25	0	N			N			
26	0	N			N			
27	0	N			N			
28	0	N			N			
29	8	N			N			
30	18	N			N			
31	4	N			N			
<b>TOTAL</b>	<b>177</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>0</b>		
<b>RAINDAYS</b>	<b>5</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>0</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				

RAINFALL DATA SHEET BHQ Mth February Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	24	N			N			
2	35	N			N			Storage restored by dust supression and irrigation
3	0	N			N			
4	0	N			N			
5	55	N			N			
6	0	N			N			
7	0	N			N			
8	4	N			N			
9	0	N			N			
10	0	N			N			
11	0	N			N			
12	4	N			N			
13	0	N			N			
14	0	N			N			
15	0	N			N			
16	0	N			N			
17	0	N			N			
18	0	N			N			
19	26	N			N			
20	2	N			N			
21	0	N			N			
22	0	N			N			
23	15	N			N			
24	0	N			N			
25	0	N			N			
26	62	N			N			
27	12	N			N			
28	2	N			N			Flocculant test by Pete and John Visit by EPA
<b>TOTAL</b>	<b>241</b>	<b>Samples taken</b>	<b>0</b>	<b>0</b>	<b>Samples Required - West</b>	<b>0</b>		
<b>RAINDAYS</b>	<b>11</b>	<b>Lowest</b>	<b>0</b>	<b>0</b>	<b>Samples Required - East</b>	<b>0</b>		
		<b>Highest</b>	<b>0</b>	<b>0</b>				
		<b>Mean</b>	<b>0</b>	<b>0</b>				

RAINFALL DATA SHEET BHQ Mth March Year 2017-18

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	0	N			N			Flocculant test by Pete and John
2	0	N			N			Report to EPA on flocculant testing etc. Rob Mitchell engaged
3	30	N			N			
4	0	N			N			
5	10	N			N			ENV Solutions proposal received
6	0	N			N			
7	0	N			N			
8	0	N	50	6.5	N			ENV Site visit with SDS and Winten. Jar test undertaken, 25ppm Aluminium sulphide
9	3	N			N			
10	0	N			N			
11	0	N			N			
12	0	N			N			Flocculant test by Pete and John
13	0	N			N			
14	0	N			N			ENV Solutions formally engaged
15	0	N			N			
16	0	N	253	5.99	N			On site spray dosing. Baseline water test
17	0	N			N			
18	68	N			N			
19	3	N			N			
20	0	N	17	8.01	N			Test from 16 March dose. Aluminium test pre dose 0.087 mg/L, post dose 0.137 mg/L. ANZECC threshold = 0.055 mg/ L
21	0	N			N			Water released after testing. Possible exceedance of dissolved aluminium
22	0	N			N			
23	80	N			N			
24	12	N			N			
25	0	N			N			Samples of process pond and Lilypond for aluminium concentration taken
26	9	N			N			ENV visit to observe dam levels, storage capacity remains
27	0	N	113	7.26	N			Aluminium Process pond (S1), (post rain between 20th and 26th) aluminium 0.133 mg/ L. Lilly pond (S2) (post discharge approximately 1663 m3 "treated water") 0.186 mg/L
28	0	N			N			
29	0	N			N			
30	105	N			N			
31	0	N			N			
<b>TOTAL</b>	<b>320</b>	<b>Samples taken</b>	<b>4</b>	<b>4</b>	<b>Samples Required - West</b>			<b>2</b>
<b>RAINDAYS</b>	<b>9</b>	<b>Lowest</b>	<b>17</b>	<b>5.99</b>	<b>Samples Required - East</b>			<b>0</b>
		<b>Highest</b>	<b>253</b>	<b>8.01</b>				
		<b>Mean</b>	<b>108.25</b>	<b>6.94</b>				