

Summary Sheet

Dates covered

Apr-18

to

Dec-18

	West		East	
	Turbidity	pH	Turbidity	pH
Number of Samples Required	4	4	1	1
Samples taken	4	4	1	1
Lowest	6.00	6.50	0.00	0.00
Highest	32.00	7.27	0.00	0.00
Mean	15	6.97	-	-

RAINFALL DATA SHEET BHQ

Mth April

Year 2018-19

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	30	N			N			
4	0	N			N			
5	10	N			N			
6	0	N			N			Onsite dosing plant installed and dosing
7	0	N			N			
8	0	N			N			
9	3	N	6	7.27	N			Tested and storage capacity restored by release Aluminium 0.013 mg/L (OR 13 ug/L)
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	68	N			N			
19	3	N			N			
20	0	N			N			
21	0	N			N			
22	0	N			N			
23	80	N			N			
24	12	N			N			
25	0	N			N			
26	9	N			N			
27	0	N			N			
28	0	N			N			
29	0	N			N			
30	105	Y			N			
TOTAL	320							
RAINDAYS	9							

Legend

- Rainfall event exceeding 82.5mm in 5 days
- Non-compliant discharge

RAINFALL DATA SHEET BHQ

Mth May

Year 2018-19

Date	Rainfall (mm)	West spillway			East Spillway			Comment
		Flow Y/N	Turbidity	pH	Flow Y/N	Turbidity	pH	
1	12	N			N			
2	0	N			N			
3	0	N			N			
4	0	N	12	6.5	N			Water released to restore capacity. Aluminium 0.050 mg/L (OR 50 ug/L)
5	0	N			N			
6	0	N			N			
7	0	N			N			Eastside water pumped to Westside and treated and tested. Eastside storage retored
8	77	N			N			Water released to restore Westside capacity
9	6.5	N			N			
10	0	N			N			
11	0	N	32	7.02	N			Test Aluminium 0.024 mg/L (OR 24 ug/L)
12	0	N			N			
13	0	N			N			
14	0	N			N			Water released to restore capacity
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	6	N			N			
25	10	N			N			
26	0	N			N			
27	0	N			N			
28	10	N			N			
29	4	N			N			
30	0	N			N			
31	0	N			N			
TOTAL	125.5	Legend				Rainfall event exceeding 82.5mm in 5 days		
RAINDAYS	7					Non-compliant discharge		

RAINFALL DATA SHEET BHQ

Mth June

Year 2018-19

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	43	N			N			
6	0	N			N			
7	40	N			N			
8	5	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	10	7.08	N			Water discharged to restore capacity. Aluminium = 0.022 mg/L (OR 22 ug/L)
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	5	N			N			
26	25	N			N			
27	20	N			N			
28	13	N			N			
29	0	N			N			
30	0	N			N			
31	0	N			N			
TOTAL	151	Legend				Rainfall event exceeding 82.5mm in 5 days		
RAINDAYS	7					Non-compliant discharge		

RAINFALL DATA SHEET BHQ

Mth July

Year 2018-19

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	4	N			N			
4	13	N			N			
5	5	N			N			
6	0	N			N			
7	0	N			N			
8	0	N			N			
9	0	N			N			
10	0	N			N			
11	30	N			N			
12	12	N			N			
13	8	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			
31	0	N			N			
TOTAL	72	Legend				Rainfall event exceeding 82.5mm in 5 days		
RAINDAYS	6					Non-compliant discharge		

RAINFALL DATA SHEET BHQ

Mth August

Year 2018-19

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	38	N			N			
27	5	N			N			
28	0	N			N			
29	0	N			N			
30	0	N			N			
31	0	N			N			
TOTAL	43	Legend				Rainfall event exceeding 82.5mm in 5 days		
RAINDAYS	2					Non-compliant discharge		

RAINFALL DATA SHEET BHQ

Mth September

Year 2018-19

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	19	N			N			
4	60	N			N			
5	35	N			N			
6	28	N			N			
7	5	N			N			
8	0	N			N			
9	4	N			N			
10	0	N			N			All rainfall captured by Central Dam excavations and no flows through cut off drain to Process Pond. Process Pond levels below sediment zone boundary including due to water cart usage for irrigation and dust suppression. No testing or release required or undertaken
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	3	N			N			
18	0	N			N			
19	0	N			N			
20	0	N			N			
21	40	N			N			
22	0	N			N			
23	0	N			N			
24	0	N			N			
25	12	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			
TOTAL	206	Legend				Rainfall event exceeding 82.5mm in 5 days		
RAINDAYS	9					Non-compliant discharge		

RAINFALL DATA SHEET BHQ

Mth October

Year 2018-19

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	4	N			N			
6	0	N			N			
7	0	N			N			
8	0	N			N			
9	15	N			N			
10	0	N			N			
11	38	N			N			
12	13	N			N			
13	0	N			N			
14	0	N			N			
15	42	N			N			
16	14	N			N			
17	4	N			N			
18	10	N			N			New Central Dam resulted in capacity remaining in Process Dam. No testing or release required or undertaken
19	0	N			N			
20	0	N			N			
21	0	N			N			
22	6	N			N			
23	0	N			N			
24	0	N			N			
25	0	N			N			
26	0	N			N			
27	4	N			N			
28	0	N			N			
29	0	N			N			
30	0	N			N			
31	0	N			N			
TOTAL	150	Legend				Rainfall event exceeding 82.5mm in 5 days		
RAINDAYS	10					Non-compliant discharge		

RAINFALL DATA SHEET BHQ

Mth November

Year 2018-19

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	95	N			N			Rainfall contained in Central Dam, small overflow into Process pond through lower outlet pipe, but level below SZB. Eastside below SZB
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	9	N			N			
29	0	N			N			
30	0	N			N			
31	0	N			N			
TOTAL	104							
RAINDAYS	2							
				Legend		Rainfall event exceeding 82.5mm in 5 days		
						Non-compliant discharge		

RAINFALL DATA SHEET BHQ

Mth December

Year 2018-19

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	56	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	18	N			N			
18	3	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			
31	0	N			N			
TOTAL	77	Legend				Rainfall event exceeding 82.5mm in 5 days		
RAINDAYS	3					Non-compliant discharge		