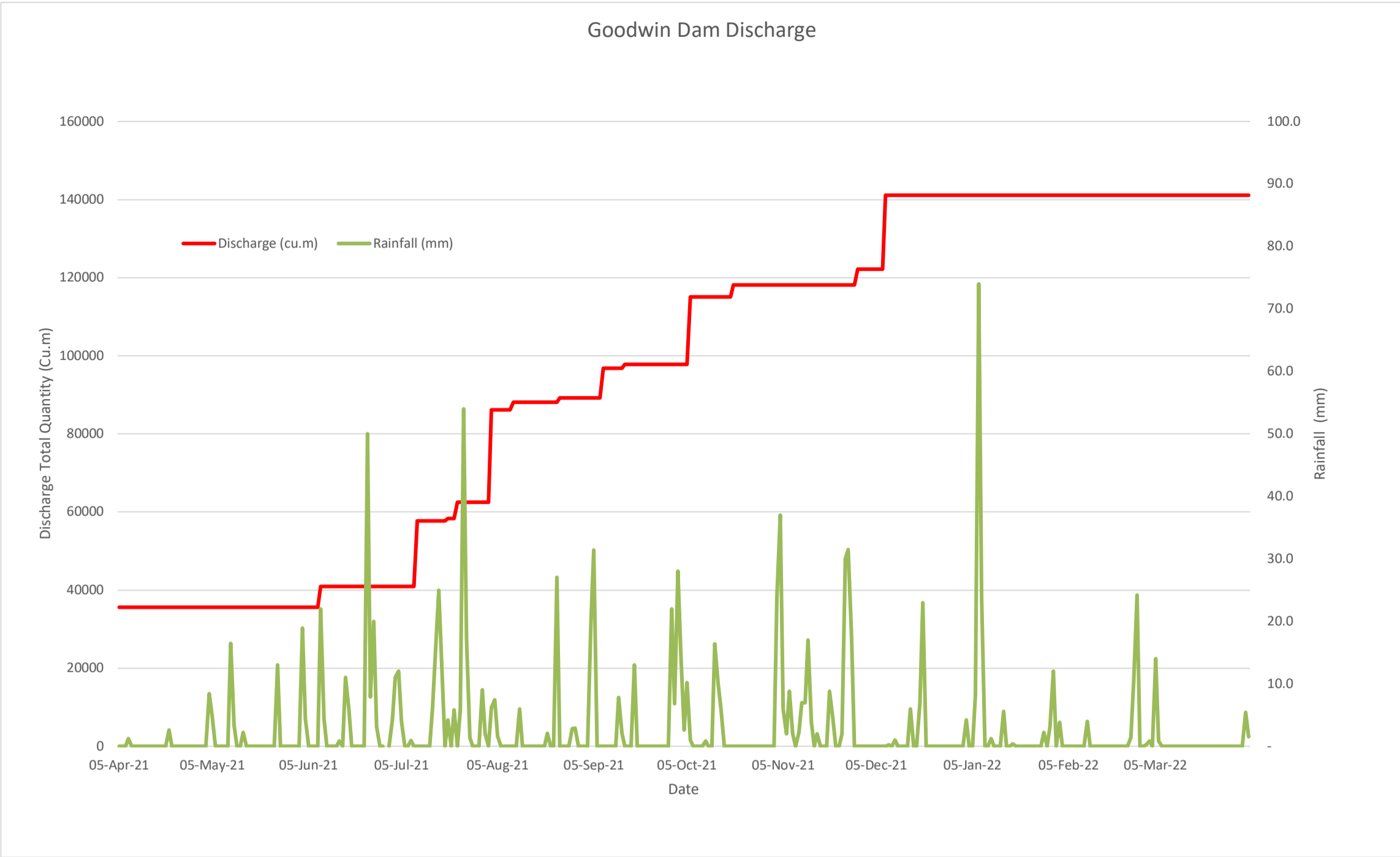


EPL SAMPLING LOCATIONS FOR WATER AND DUST MONITORING



Goodwin dam	Reporting period discharge	105510 cu.m	Max. day cu.m	5,908
Discharge meter	105510 Daily average discharge	289 cu.m	Max. hr cu.m	246

	Reading (cu.m)	Volume (cu.m)	Rainfall (mm)	
5-Apr-21	Mon	35595	-	0
6-Apr-21	Tue	35595	0	0
7-Apr-21	Wed	35595	0	0
8-Apr-21	Thu	35595	0	1.2
9-Apr-21	Fri	35595	0	0
10-Apr-21	Sat	35595	0	0
11-Apr-21	Sun	35595	0	0
12-Apr-21	Mon	35595	0	0
13-Apr-21	Tue	35595	0	0
14-Apr-21	Wed	35595	0	0
15-Apr-21	Thu	35595	0	0
16-Apr-21	Fri	35595	0	0
17-Apr-21	Sat	35595	0	0
18-Apr-21	Sun	35595	0	0
19-Apr-21	Mon	35595	0	0
20-Apr-21	Tue	35595	0	0
21-Apr-21	Wed	35595	0	2.6
22-Apr-21	Thu	35595	0	0
23-Apr-21	Fri	35595	0	0
24-Apr-21	Sat	35595	0	0
25-Apr-21	Sun	35595	0	0
26-Apr-21	Mon	35595	0	0
27-Apr-21	Tue	35595	0	0
28-Apr-21	Wed	35595	0	0
29-Apr-21	Thu	35595	0	0
30-Apr-21	Fri	35595	0	0
1-May-21	Sat	35595	0	0
2-May-21	Sun	35595	0	0
3-May-21	Mon	35595	0	0
4-May-21	Tue	35595	0	8.4
5-May-21	Wed	35595	0	5.0
6-May-21	Thu	35595	0	0
7-May-21	Fri	35595	0	0
8-May-21	Sat	35595	0	0
9-May-21	Sun	35595	0	0
10-May-21	Mon	35595	0	0
11-May-21	Tue	35595	0	16.5
12-May-21	Wed	35595	0	3.4
13-May-21	Thu	35595	0	0
14-May-21	Fri	35595	0	0
15-May-21	Sat	35595	0	2.2
16-May-21	Sun	35595	0	0
17-May-21	Mon	35595	0	0
18-May-21	Tue	35595	0	0
19-May-21	Wed	35595	0	0
20-May-21	Thu	35595	0	0
21-May-21	Fri	35595	0	0
22-May-21	Sat	35595	0	0
23-May-21	Sun	35595	0	0
24-May-21	Mon	35595	0	0
25-May-21	Tue	35595	0	0
26-May-21	Wed	35595	0	13.0
27-May-21	Thu	35595	0	0
28-May-21	Fri	35595	0	0
29-May-21	Sat	35595	0	0
30-May-21	Sun	35595	0	0
31-May-21	Mon	35595	0	0
1-Jun-21	Tue	35595	0	0
2-Jun-21	Wed	35595	0	0
3-Jun-21	Thu	35595	0	18.9
4-Jun-21	Fri	35595	0	4.4
5-Jun-21	Sat	35595	0	0
6-Jun-21	Sun	35595	0	0
7-Jun-21	Mon	35595	0	0
8-Jun-21	Tue	35595	0	0
9-Jun-21	Wed	40900	5305	22.0
10-Jun-21	Thu	40900	0	4.4
11-Jun-21	Fri	40900	0	0
12-Jun-21	Sat	40900	0	0
13-Jun-21	Sun	40900	0	0
14-Jun-21	Mon	40900	0	0
15-Jun-21	Tue	40900	0	0.8
16-Jun-21	Wed	40900	0	0
17-Jun-21	Thu	40900	0	11.0
18-Jun-21	Fri	40900	0	6.0
19-Jun-21	Sat	40900	0	0
20-Jun-21	Sun	40900	0	0
21-Jun-21	Mon	40900	0	0
22-Jun-21	Tue	40900	0	0
23-Jun-21	Wed	40900	0	0
24-Jun-21	Thu	40900	0	50.0
25-Jun-21	Fri	40900	0	7.9
26-Jun-21	Sat	40900	0	20.0
27-Jun-21	Sun	40900	0	3.1
28-Jun-21	Mon	40900	0	0
29-Jun-21	Tue	40900	0	0
30-Jun-21	Wed	40900	0	0
1-Jul-21	Thu	40900	0	0
2-Jul-21	Fri	40900	0	4.2
3-Jul-21	Sat	40900	0	11.0
4-Jul-21	Sun	40900	0	12.0
5-Jul-21	Mon	40900	0	4.0
6-Jul-21	Tue	40900	0	0
7-Jul-21	Wed	40900	0	0
8-Jul-21	Thu	40900	0	0.9
9-Jul-21	Fri	40900	0	0
10-Jul-21	Sat	57655	16755	-
11-Jul-21	Sun	57655	0	0
12-Jul-21	Mon	57655	0	0
13-Jul-21	Tue	57655	0	0
14-Jul-21	Wed	57655	0	0
15-Jul-21	Thu	57655	0	6.2
16-Jul-21	Fri	57655	0	16.4
17-Jul-21	Sat	57655	0	25.0
18-Jul-21	Sun	57655	0	13.4
19-Jul-21	Mon	57655	0	0
20-Jul-21	Tue	58315	660	4.2
21-Jul-21	Wed	58315	0	0
22-Jul-21	Thu	58315	0	5.8
23-Jul-21	Fri	62525	4210	-
24-Jul-21	Sat	62525	0	5.8
25-Jul-21	Sun	62525	0	54.0
26-Jul-21	Mon	62525	0	17.2
27-Jul-21	Tue	62525	0	1.4
28-Jul-21	Wed	62525	0	0
29-Jul-21	Thu	62525	0	0
30-Jul-21	Fri	62525	0	0
31-Jul-21	Sat	62525	0	9.0
1-Aug-21	Sun	62525	0	2.0
2-Aug-21	Mon	62525	0	0



Start 9-Jun-21
 End 9-Dec-21
 Days 183
 Start read 40900
 End read 141105
 Volume 100205
 Average 547.5683

- 29/6/2021
- 21/7/2021
- 4/8/2021
- 25/8/2021
- 8/9/2021
- 15/9/2021
- 6/10/2021
- 20/10/2021
- 16/11/2021
- 29/11/2021

23,630
 5,908 cu.m/day

3-Aug-21	Tue	86155	23630	6.2	23630
4-Aug-21	Wed	86155	0	7.4	0
5-Aug-21	Thu	86155	0	1.6	0
6-Aug-21	Fri	86155	0	-	0
7-Aug-21	Sat	86155	0	-	0
8-Aug-21	Sun	86155	0	-	0
9-Aug-21	Mon	86155	0	-	0
10-Aug-21	Tue	88125	1970	-	1970
11-Aug-21	Wed	88125	0	-	0
12-Aug-21	Thu	88125	0	6.0	0
13-Aug-21	Fri	88125	0	-	0
14-Aug-21	Sat	88125	0	-	0
15-Aug-21	Sun	88125	0	-	0
16-Aug-21	Mon	88125	0	-	0
17-Aug-21	Tue	88125	0	-	0
18-Aug-21	Wed	88125	0	-	0
19-Aug-21	Thu	88125	0	-	0
20-Aug-21	Fri	88125	0	-	0
21-Aug-21	Sat	88125	0	2.1	0
22-Aug-21	Sun	88125	0	-	0
23-Aug-21	Mon	88125	0	-	0
24-Aug-21	Tue	88125	0	27.0	0
25-Aug-21	Wed	89177	1052	-	1052
26-Aug-21	Thu	89177	0	-	0
27-Aug-21	Fri	89177	0	-	0
28-Aug-21	Sat	89177	0	-	0
29-Aug-21	Sun	89177	0	2.8	0
30-Aug-21	Mon	89177	0	2.9	0
31-Aug-21	Tue	89177	0	-	0
1-Sep-21	Wed	89177	0	-	0
2-Sep-21	Thu	89177	0	-	0
3-Sep-21	Fri	89177	0	-	0
4-Sep-21	Sat	89177	0	19.5	0
5-Sep-21	Sun	89177	0	31.4	0
6-Sep-21	Mon	89177	0	-	0
7-Sep-21	Tue	89177	0	-	0
8-Sep-21	Wed	96795	7618	-	7618
9-Sep-21	Thu	96795	0	-	0
10-Sep-21	Fri	96795	0	-	0
11-Sep-21	Sat	96795	0	-	0
12-Sep-21	Sun	96795	0	-	0
13-Sep-21	Mon	96795	0	7.8	0
14-Sep-21	Tue	96795	0	2.1	0
15-Sep-21	Wed	97805	1010	-	1010
16-Sep-21	Thu	97805	0	-	0
17-Sep-21	Fri	97805	0	-	0
18-Sep-21	Sat	97805	0	13.0	0
19-Sep-21	Sun	97805	0	-	0
20-Sep-21	Mon	97805	0	-	0
21-Sep-21	Tue	97805	0	-	0
22-Sep-21	Wed	97805	0	-	0
23-Sep-21	Thu	97805	0	-	0
24-Sep-21	Fri	97805	0	-	0
25-Sep-21	Sat	97805	0	-	0
26-Sep-21	Sun	97805	0	-	0
27-Sep-21	Mon	97805	0	-	0
28-Sep-21	Tue	97805	0	-	0
29-Sep-21	Wed	97805	0	-	0
30-Sep-21	Thu	97805	0	22.0	0
1-Oct-21	Fri	97805	0	6.8	0
2-Oct-21	Sat	97805	0	28.0	0
3-Oct-21	Sun	97805	0	15.0	0
4-Oct-21	Mon	97805	0	2.6	0
5-Oct-21	Tue	97805	0	10.2	0
6-Oct-21	Wed	115075	17270	1.0	17270
7-Oct-21	Thu	115075	0	-	0
8-Oct-21	Fri	115075	0	-	0
9-Oct-21	Sat	115075	0	-	0
10-Oct-21	Sun	115075	0	-	0
11-Oct-21	Mon	115075	0	0.8	0
12-Oct-21	Tue	115075	0	-	0
13-Oct-21	Wed	115075	0	-	0
14-Oct-21	Thu	115075	0	16.4	0
15-Oct-21	Fri	115075	0	10.1	0
16-Oct-21	Sat	115075	0	6.0	0
17-Oct-21	Sun	115075	0	-	0
18-Oct-21	Mon	115075	0	-	0
19-Oct-21	Tue	115075	0	-	0
20-Oct-21	Wed	118105	3030	-	3030
21-Oct-21	Thu	118105	0	-	0
22-Oct-21	Fri	118105	0	-	0
23-Oct-21	Sat	118105	0	-	0
24-Oct-21	Sun	118105	0	-	0
25-Oct-21	Mon	118105	0	-	0
26-Oct-21	Tue	118105	0	-	0
27-Oct-21	Wed	118105	0	-	0
28-Oct-21	Thu	118105	0	-	0
29-Oct-21	Fri	118105	0	-	0
30-Oct-21	Sat	118105	0	-	0
31-Oct-21	Sun	118105	0	-	0
1-Nov-21	Mon	118105	0	-	0
2-Nov-21	Tue	118105	0	-	0
3-Nov-21	Wed	118105	0	24.0	0
4-Nov-21	Thu	118105	0	37.0	0
5-Nov-21	Fri	118105	0	6.0	0
6-Nov-21	Sat	118105	0	2.0	0
7-Nov-21	Sun	118105	0	8.8	0
8-Nov-21	Mon	118105	0	2.0	0
9-Nov-21	Tue	118105	0	-	0
10-Nov-21	Wed	118105	0	2.2	0
11-Nov-21	Thu	118105	0	7.0	0
12-Nov-21	Fri	118105	0	7.0	0
13-Nov-21	Sat	118105	0	17.0	0
14-Nov-21	Sun	118105	0	3.9	0
15-Nov-21	Mon	118105	0	-	0
16-Nov-21	Tue	118105	0	2.0	0
17-Nov-21	Wed	118105	0	-	0
18-Nov-21	Thu	118105	0	-	0
19-Nov-21	Fri	118105	0	-	0
20-Nov-21	Sat	118105	0	8.8	0
21-Nov-21	Sun	118105	0	4.4	0
22-Nov-21	Mon	118105	0	-	0
23-Nov-21	Tue	118105	0	-	0
24-Nov-21	Wed	118105	0	2.0	0
25-Nov-21	Thu	118105	0	30.0	0
26-Nov-21	Fri	118105	0	31.5	0
27-Nov-21	Sat	118105	0	17.6	0
28-Nov-21	Sun	118105	0	-	0
29-Nov-21	Mon	122196	4091	-	4091
30-Nov-21	Tue	122196	0	-	0
1-Dec-21	Wed	122196	0	-	0
2-Dec-21	Thu	122196	0	-	0
3-Dec-21	Fri	122196	0	-	0
4-Dec-21	Sat	122196	0	-	0

246 cu.m/hour

5-Dec-21	Sun	122196	0	-	0
6-Dec-21	Mon	122196	0	-	0
7-Dec-21	Tue	122196	0	-	0
8-Dec-21	Wed	141105	18909	-	18909
9-Dec-21	Thu	141105	0	0.2	0
10-Dec-21	Fri	141105	0	-	0
11-Dec-21	Sat	141105	0	1.0	0
12-Dec-21	Sun	141105	0	-	0
13-Dec-21	Mon	141105	0	-	0
14-Dec-21	Tue	141105	0	-	0
15-Dec-21	Wed	141105	0	-	0
16-Dec-21	Thu	141105	0	6.0	0
17-Dec-21	Fri	141105	0	-	0
18-Dec-21	Sat	141105	0	-	0
19-Dec-21	Sun	141105	0	7.0	0
20-Dec-21	Mon	141105	0	23.0	0
21-Dec-21	Tue	141105	0	-	0
22-Dec-21	Wed	141105	0	-	0
23-Dec-21	Thu	141105	0	-	0
24-Dec-21	Fri	141105	0	-	0
25-Dec-21	Sat	141105	0	-	0
26-Dec-21	Sun	141105	0	-	0
27-Dec-21	Mon	141105	0	-	0
28-Dec-21	Tue	141105	0	-	0
29-Dec-21	Wed	141105	0	-	0
30-Dec-21	Thu	141105	0	-	0
31-Dec-21	Fri	141105	0	-	0
1-Jan-22	Sat	141105	0	-	0
2-Jan-22	Sun	141105	0	-	0
3-Jan-22	Mon	141105	0	4.2	0
4-Jan-22	Tue	141105	0	-	0
5-Jan-22	Wed	141105	0	-	0
6-Jan-22	Thu	141105	0	8.2	0
7-Jan-22	Fri	141105	0	74.0	0
8-Jan-22	Sat	141105	0	23.6	0
9-Jan-22	Sun	141105	0	-	0
10-Jan-22	Mon	141105	0	-	0
11-Jan-22	Tue	141105	0	1.2	0
12-Jan-22	Wed	141105	0	-	0
13-Jan-22	Thu	141105	0	-	0
14-Jan-22	Fri	141105	0	-	0
15-Jan-22	Sat	141105	0	5.6	0
16-Jan-22	Sun	141105	0	-	0
17-Jan-22	Mon	141105	0	-	0
18-Jan-22	Tue	141105	0	0.4	0
19-Jan-22	Wed	141105	0	-	0
20-Jan-22	Thu	141105	0	-	0
21-Jan-22	Fri	141105	0	-	0
22-Jan-22	Sat	141105	0	-	0
23-Jan-22	Sun	141105	0	-	0
24-Jan-22	Mon	141105	0	-	0
25-Jan-22	Tue	141105	0	-	0
26-Jan-22	Wed	141105	0	-	0
27-Jan-22	Thu	141105	0	-	0
28-Jan-22	Fri	141105	0	2.2	0
29-Jan-22	Sat	141105	0	-	0
30-Jan-22	Sun	141105	0	3.2	0
31-Jan-22	Mon	141105	0	12.0	0
1-Feb-22	Tue	141105	0	-	0
2-Feb-22	Wed	141105	0	3.8	0
3-Feb-22	Thu	141105	0	-	0
4-Feb-22	Fri	141105	0	-	0
5-Feb-22	Sat	141105	0	-	0
6-Feb-22	Sun	141105	0	-	0
7-Feb-22	Mon	141105	0	-	0
8-Feb-22	Tue	141105	0	-	0
9-Feb-22	Wed	141105	0	-	0
10-Feb-22	Thu	141105	0	-	0
11-Feb-22	Fri	141105	0	4.0	0
12-Feb-22	Sat	141105	0	-	0
13-Feb-22	Sun	141105	0	-	0
14-Feb-22	Mon	141105	0	-	0
15-Feb-22	Tue	141105	0	-	0
16-Feb-22	Wed	141105	0	-	0
17-Feb-22	Thu	141105	0	-	0
18-Feb-22	Fri	141105	0	-	0
19-Feb-22	Sat	141105	0	-	0
20-Feb-22	Sun	141105	0	-	0
21-Feb-22	Mon	141105	0	-	0
22-Feb-22	Tue	141105	0	-	0
23-Feb-22	Wed	141105	0	-	0
24-Feb-22	Thu	141105	0	-	0
25-Feb-22	Fri	141105	0	1.4	0
26-Feb-22	Sat	141105	0	10.4	0
27-Feb-22	Sun	141105	0	24.2	0
28-Feb-22	Mon	141105	0	-	0
1-Mar-22	Tue	141105	0	-	0
2-Mar-22	Wed	141105	0	0.2	0
3-Mar-22	Thu	141105	0	0.8	0
4-Mar-22	Fri	141105	0	-	0
5-Mar-22	Sat	141105	0	14.0	0
6-Mar-22	Sun	141105	0	0.8	0
7-Mar-22	Mon	141105	0	-	0
8-Mar-22	Tue	141105	0	-	0
9-Mar-22	Wed	141105	0	-	0
10-Mar-22	Thu	141105	0	-	0
11-Mar-22	Fri	141105	0	-	0
12-Mar-22	Sat	141105	0	-	0
13-Mar-22	Sun	141105	0	-	0
14-Mar-22	Mon	141105	0	-	0
15-Mar-22	Tue	141105	0	-	0
16-Mar-22	Wed	141105	0	-	0
17-Mar-22	Thu	141105	0	-	0
18-Mar-22	Fri	141105	0	-	0
19-Mar-22	Sat	141105	0	-	0
20-Mar-22	Sun	141105	0	-	0
21-Mar-22	Mon	141105	0	-	0
22-Mar-22	Tue	141105	0	-	0
23-Mar-22	Wed	141105	0	-	0
24-Mar-22	Thu	141105	0	-	0
25-Mar-22	Fri	141105	0	-	0
26-Mar-22	Sat	141105	0	-	0
27-Mar-22	Sun	141105	0	-	0
28-Mar-22	Mon	141105	0	-	0
29-Mar-22	Tue	141105	0	-	0
30-Mar-22	Wed	141105	0	-	0
31-Mar-22	Thu	141105	0	-	0
1-Apr-22	Fri	141105	0	-	0
2-Apr-22	Sat	141105	0	-	0
3-Apr-22	Sun	141105	0	5.4	0
4-Apr-22	Mon	141105	0	1.5	0
		105510	105510	1089.7	

EPL4 GOODWIN DAM

Number of required samples = 4

Number of samples collected and analysed = 8

Sample Date		SE221330.001	SE222030.01	SE222373.001	SE223995.001	SE224932.001	SE226662.001	SE227466.001	SE228127.001			
Analyte Name	Units	29/6/2021	21/7/2021	4/8/2021	22/09/2021	20/10/2021	29/11/2021	20/12/2021	19/01/2022	Lowest Value	Average Value	Highest Value
Total Aluminium	mg/L	0.430	0.520	0.360	0.059	0.095	0.080	0.017	0.024	0.017	0.198	0.520
Total Arsenic	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Biochemical Oxygen Demand (E	mg/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Total Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chemical Oxygen Demand	mg/L	20	20	18	26	20	15	17	20	15	20	26
Total Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Cobalt	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Conductivity @ 25 C	µS/cm	340	260	260	240	330	450	600	550	240	379	600
Total Copper	mg/L	0.002	0.002	0.001	0.001	0.001	0.002	<0.001	<0.001	<0.001	0.002	0.002
Total Cyanide	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Fluoride	mg/L	0.42	0.40	0.31	0.48	0.39	0.35	0.30	0.38	0.30	0.38	0.48
Total Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.01	<0.001	0.001	0.01
Total Manganese	mg/L	0.007	0.007	0.006	0.009	0.011	0.010	0.015	0.014	0.006	0.010	0.015
Total Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Anionic Surfactants as MBAS (C	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Molybdenum	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.001	<0.001	0.001	0.002
Total Nickel	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Oil and Grease	mg/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
pH**	pH	7.0	7.1	6.9	7.4	7.0	6.9	7.0	7.1	6.9	7.1	7.4
Total Selenium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate, SO4	mg/L	87	58	47	44	91	170	220	270	44	123	270
Total Suspended Solids Dried a	mg/L	8	<5	7	5	6	<5	<5	<5	<5	<5	<5
Total Zinc	mg/L	<0.005	0.007	0.006	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	<0.005

EPL7 Bore Hole

Number of required samples = 4
 Number of samples attempted = 10

Sample Date		Dry	E221841.001	E222031.001	E222374.001	Dry	Dry	Dry	Dry	Dry	Dry				
Analyte Name	Units	12/06/2021	13/07/2021	21/07/2021	4/08/2021	1/09/2021	22/09/2021	20/10/2021	29/11/2021	20/12/2021	19/01/2021	Lowest Value	Average Value	Highest Value	
Bicarbonate	mg/L	NA	39	23		NA	NA	NA	NA	NA	NA	23	31	39	2
Calcium	mg/L	NA	7.4	3.6		NA	NA	NA	NA	NA	NA	3.6	5.5	7.4	2
Chloride	mg/L	NA	8.4	3.5		NA	NA	NA	NA	NA	NA	3.5	6.0	8.4	2
Copper	mg/L	NA		0.007	0.038	NA	NA	NA	NA	NA	NA	0.007	0.023	0.038	2
Cyanide (total)	mg/L	NA	<0.004	<0.004	<0.004	NA	NA	NA	NA	NA	NA	<0.004	<0.004	<0.004	3
Magnesium	mg/L	NA	4.3	1.8		NA	NA	NA	NA	NA	NA	1.8	3.1	4.3	2
Methyl Blue Active Substances	mg/L	NA	0.2	0.3	<0.1	NA	NA	NA	NA	NA	NA	<0.1	0.25	0.30	2
pH	pH Units	NA	6.5	6.4	6.6	NA	NA	NA	NA	NA	NA	6.4	6.5	6.6	3
Potassium	mg/L	NA	2.3	1.9		NA	NA	NA	NA	NA	NA	1.9	2.1	2.3	2
Sodium	mg/L	NA	15	9.9		NA	NA	NA	NA	NA	NA	10	12	15	2
Standing Water Level	metre	NA	0.54	0.13	0.18	NA	NA	NA	NA	NA	NA	0.13	0.28	0.54	3
Sulfate	mg/L	NA	22	9.3	66	NA	NA	NA	NA	NA	NA	9	32	66	3
Total dissolved Solids	mg/L	NA				NA	NA	NA	NA	NA	NA	-	-	-	-
Total petroleum hydrocarbons	mg/L	NA	<0.32	<0.32		NA	NA	NA	NA	NA	NA	<0.32	<0.32	<0.32	2

Date	Hole	Height
12th July 2021		7 200mm
		8 1060mm
		9 480mm
		10 1020mm
21st July 2021		7 610mm
		8 990mm
		9 580mm
		10 1030mm
4th August 2021		7 560mm
		8 1110mm
		9 630mm
		10 1350mm
1st September 2021t		7 50mm
		8 1000mm
		9 380mm
		10 1000mm
22-Sep-21		7 0mm
		8 1100mm
		9 340mm
20-Oct-21		7 0mm
		8 730mm
		9 960mm
		10 980mm
29th November 2021		7 0mm
		8 680mm
		9 720mm
		10 940mm
20th December 2021		7 0mm
		8 280mm
		9 730mm
		10 870mm
19th January 2022		7 0mm
		8 010mm
		9 0mm
		10 740mm

Water bore EPL7 purged and refurbished on 12th June 2021

Collar pipe height above GL	mm	860									
Collar pipe height above bore base	mm	1600									
GL to bore base	mm	740									
Measurement	mm	0	200	610	560	0	0	0	0	0	0
Standing WL	mm	NA	540	130	180	NA	NA	NA	NA	NA	NA

- 7/ 1600 inner X 860 out
- 8/ 2020 inner x 1250 out
- 9/ 1070 inner x 880 out
- 10/ 2000 inner x 1180 out

EPL8 Bore Hole

Number of required samples = 4
 Number of samples attempted = 10

Sample Date		Dry SE221841.002	SE222031.002	SE222374.002	SE223274.001	SE223996.001	SE224930.001	SE226661.001	Dry	Dry				
Analyte Name	Units	12/06/2021	13/07/2021	21/07/2021	4/08/2021	1/09/2021	22/09/2021	20/10/2021	29/11/2021	20/12/2021	19/01/2021	Lowest Value	Average Value	Highest Value
Bicarbonate	mg/L	NA	29	120			78	120	99	NA	NA	29	89	120
Calcium	mg/L	NA	17	18		17	14	15	18	NA	NA	14	17	18
Chloride	mg/L	NA	8.8	13		14	7.6	6.6	4.6	NA	NA	5	9	14
Copper	mg/L	NA		0.002	0.002	0.002	0.002	0.002	0.006	NA	NA	0.002	0.002	0.006
Cyanide (total)	mg/L	NA	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	NA	NA	<0.004	<0.004	<0.004
Magnesium	mg/L	NA	16	28		25	18	22	20	NA	NA	16	22	28
Methyl Blue Active Substances	mg/L	NA	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	<0.1	<0.1	<0.1
pH	pH Units	NA	5.8	6.7	7.1	6.7	7.6	6.6	6.4	NA	NA	5.8	6.7	7.6
Potassium	mg/L	NA	20.0	0.4		0.3	0.5	0.4	1.1	NA	NA	0.3	3.8	20.0
Sodium	mg/L	NA	18	42		38	30	33	31	NA	NA	18	32	42
Standing Water Level	metre	NA	0.00	0.00	0.00	0.00	0.00	0.04	0.09	NA	NA	-	0.02	0.09
Sulfate	mg/L	NA	120	100	70	65	68	48	48	NA	NA	48	74	120
Total dissolved Solids	mg/L	NA				250	210	250	230	NA	NA	250	250	250
Total petroleum hydrocarbons	mg/L	NA	<0.5	<0.32		<1	<1	<1	<1	NA	NA	<0.32	<0.5	<1

Water bore EPL8 purged and refurbished on 12th June 2021

Collar pipe height above GL	mm	1250												
Collar pipe height above bore base	mm	2020												
GL to bore base	mm	770												
Measurement	mm	0	1060	990	1100	1000	1100	730	680	280	10			
Standing WL	mm	770	0	0	0	0	0	40	90	490	760			

- 7/ 1600 inner X 860 out
- 8/ 2020 inner x 1250 out
- 9/ 1070 inner x 880 out
- 10/ 2000 inner x 1180 out

Date	Hole	Height
12th July 2021		7 200mm
		8 1060mm
		9 480mm
		10 1020mm
2st July 2021		7 610mm
		8 990mm
		9 580mm
		10 1030mm
4th August 2021		7 560mm
		8 1110mm
		9 630mm
		10 1350mm
1st September 2021t		7 50mm
		8 1000mm
		9 380mm
		10 1000mm
22-Sep-21		7 0mm
		8 1100mm
		9 340mm
		10 980mm
20-Oct-21		7 0mm
		8 730mm
		9 960mm
		10 980mm
29th November 2021		7 0mm
		8 680mm
		9 720mm
		10 940mm
20th December 2021		7 0mm
		8 280mm
		9 730mm
		10 870mm
19th January 2022		7 0mm
		8 010mm
		9 0mm
		10 740mm

EPL9 Bore Hole

Number of required samples = 4
 Number of samples attempted = 9

Sample Date		Dry	SE221841.003	SE222031.003	SE222374.003	SE223274.002	SE223996.002	SE224930.002	SE226661.002		Dry			
Analyte Name	Units	1/7/2021	13/07/2021	21/07/2021	4/08/2021	1/09/2021	22/09/2021	20/10/2021	29/11/2021	20/12/2021	19/01/2022	Lowest Value	Average Value	Highest Value
Bicarbonate	mg/L	NA	76	25		65	44	73	71	NA	NA	25	59	76
Calcium	mg/L	NA	19	10		13	14	17	22	NA	NA	10	16	22
Chloride	mg/L	NA	12.0	3.5		3.3	2	6.1	3.7	NA	NA	2.0	5.1	12.0
Copper	mg/L	NA		0.006	0.007	0.006	0.003	0.011	0.019	NA	NA	0.003	0.009	0.019
Cyanide (total)	mg/L	NA	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	NA	NA	<0.004	<0.004	<0.004
Magnesium	mg/L	NA	23	9.8		13	14	15	19	NA	NA	10	16	23
Methyl Blue Active Substances	mg/L	NA	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	<0.1	<0.1	<0.1
pH	pH	NA	6.4	6	6.3	5.8	5.8	6.1	6.1	NA	NA	5.8	6.1	6.4
Potassium	mg/L	NA	0.5	17		17	17	14	16	NA	NA	0.5	13.6	17.0
Sodium	mg/L	NA	32	13		15	15	13	15	NA	NA	13	17	32
Standing Water Level	metre	NA	0.48	0.58	0.63	0.38	0.34	0.96	0.72	NA	NA	0.34	0.58	0.96
Sulfate	mg/L	NA	120	68	70	74	80	49	51	NA	NA	49	73	120
Total dissolved Solids	mg/L	NA				210	190	250	290	NA	NA	190	235	290
Total petroleum hydrocarbons	mg/L	NA	<0.5	<0.32		<1	<1	<1	<1	NA	NA	<0.32	<0.5	<1

			480	580	630	380	340	960	720	730	0			
--	--	--	-----	-----	-----	-----	-----	-----	-----	-----	---	--	--	--

Water bore EPL9 purged and refurbished on 12th June 2021

Collar pipe height above GL	mm	480												
Collar pipe height above bore base	mm	1070												
GL to bore base	mm	590												
Measurement	mm	0	480	580	630	380	340	960	720	730	0			
Standing WL	mm	590	110	10	0	210	250	0	0	0	590			

- 7/ 1600 inner X 860 out
- 8/ 2020 inner x 1250 out
- 9/ 1070 inner x 480 out
- 10/ 2000 inner x 1180 out

Date	Hole	Height
12th July 2021		7 200mm
		8 1060mm
		9 480mm
		10 1020mm
2st July 2021		7 610mm
		8 990mm
		9 580mm
		10 1030mm
4th August 2021		7 560mm
		8 1110mm
		9 630mm
		10 1350mm
1st September 2021t		7 50mm
		8 1000mm
		9 380mm
		10 1000mm
22-Sep-21		7 0mm
		8 1100mm
		9 340mm
		10 980mm
20-Oct-21		7 0mm
		8 730mm
		9 960mm
		10 980mm
29th November 2021		7 0mm
		8 680mm
		9 720mm
		10 940mm
20th December 2021		7 0mm
		8 280mm
		9 730mm
		10 870mm
19th January 2022		7 0mm
		8 010mm
		9 0mm
		10 740mm

EPL10 Bore Hole

Number of required samples = 4
 Number of samples attempted = 9

Sample Date	Dry	SE222031.004	SE223274.004	SE223274.003	SE223996.003	SE224930.003	SE226661.002	SE228128.001					
Analyte Name	Units	13/07/2020	21/07/2021	4/08/2021	1/09/2021	22/09/2021	20/10/2021	29/11/2021	20/12/2021	19/01/2022	Lowest Value	Average Value	Highest Value
Bicarbonate	mg/L	NA	62		73	70	75	87	NA	86	62	76	87
Calcium	mg/L	NA	29		27	21	28	21	NA	27	21	26	29
Chloride	mg/L	NA	4.4		4.0	3.3	2.3	2.2	NA	2.7	2.2	3.2	4.4
Copper	mg/L	NA	0.023	0.038	0.018	0.001	0.009	0.028	NA	0.005	0.001	0.017	0.038
Cyanide (total)	mg/L	NA	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	NA	<0.004	<0.004	<0.004	<0.004
Magnesium	mg/L	NA	16		14	12	15	12	NA	13	12	14	16
Methyl Blue Active Substances	mg/L	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1
pH	pH	NA	6.4	6.6	6.2	6.2	6.4	6.3	NA	6.5	6.2	6.4	6.6
Potassium	mg/L	NA	2.0		1.7	1.3	3.0	3.7	NA	1.9	1.3	2.3	3.7
Sodium	mg/L	NA	14	13	13	14	15	17	NA	14	13	14	17
Standing Water Level	metre	NA	0.00	0.00	0.00	0.00	0.00	0.00	NA	0.08	0.00	0.01	0.08
Sulfate	mg/L	NA	84	66	57	50	37	38	NA	79	37	59	84
Total dissolved Solids	mg/L	NA			160	150	140	180	NA	230	140	172	230
Total petroleum hydrocarbons	mg/L	NA	<2		<1	1	<1	<1	NA	2	<1	1	2

Date	Hole	Height
12th July 2021		7 200mm
		8 1060mm
		9 480mm
		10 1020mm
2st July 2021		7 610mm
		8 990mm
		9 580mm
		10 1030mm
4th August 2021		7 560mm
		8 1110mm
		9 630mm
		10 1350mm
1st September 2021t		7 50mm
		8 1000mm
		9 380mm
		10 1000mm
22-Sep-21		7 0mm
		8 1100mm
		9 340mm
		10 980mm
20-Oct-21		7 0mm
		8 730mm
		9 960mm
		10 980mm
29th November 2021		7 0mm
		8 680mm
		9 720mm
		10 940mm
20th December 2021		7 0mm
		8 280mm
		9 730mm
		10 870mm
19th January 2022		7 0mm
		8 010mm
		9 0mm
		10 740mm

Water bore EPL10 purged and refurbished on 12th June 2021

Collar pipe height above GL	mm	1180										
Collar pipe height above bore base	mm	2000										
GL to bore base	mm	820										
Measurement	mm	0	1030	1350	1000	980	980	940	870	740		
Standing WL	mm	820	0	0	0	0	0	0	0	80		

- 7/ 1600 inner X 860 out
- 8/ 2020 inner x 1250 out
- 9/ 1070 inner x 880 out
- 10/ 2000 inner x 1180 out

DUST SAMPLING														Lowest Value	Average Value	Highest Value	# of samples required	# of samples collected
Date	21/4/2021	26/5/2021	23/6/2021	21/7/2021	25/8/2021	22/9/2021	20/10/2021	29/11/2021	20/12/2021	19/1/2022	16/2/2022	23/3/2022						
EPL11	g/m ² /30 days	0.8	2.2	0.2	0.1	1.1	1.4	3.9	1.1	1.3	0.9	1.7	8.3	0.1	1.9	8.3	12	12
EPL12	g/m ² /30 days	0.7	0.7	0.3	1.1	1.7	3.9	0.5	1.3	4.2	0.7	0.7	2.8	0.3	1.6	4.2	12	12
EPL13	g/m ² /30 days	3.8	1.1	0.2	0.2	0.5	0.3	0.3	9.6	0.6	1.2	0.6	0.1	0.1	1.5	9.6	12	12
EPL14	g/m ² /30 days	0.4	4.2	0.2	0.1	0.8	2.6	2.7	14.0	21.0	1.9	1.1	0.3	0.1	4.1	21.0	12	12
EPL15	g/m ² /30 days	0.8	0.6	0.3	0.2	2.6	3.2	0.7	3.1	1.7	0.8	0.4	0.5	0.2	1.2	3.2	12	12
														Total			60	60