



Water quality results

The following tables summarise current water quality results at Romsey RWP compared to Class B standards under the [Victorian guideline for water recycling \(EPA Victoria\)](#).

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pH results

Date	Sampling Point 1	Sampling Point 2	Sampling Point 3	Sampling Point 5	Sampling Point 6	Sampling Point 7	Sampling Point 8
24/07/2023	7.4	7.5	Testing the release pipe. No release to creek.	7.4	7.0	7.6	7.7
25/07/2023	7.2	7.7	Release to the creek commenced late afternoon. No data available.	7.7	7.6	7.5	7.8
26/07/2023	7.3	7.7	7.9	7.9	7.5	7.8	7.5
27/07/2023	7.5	7.6	8.0	7.9	7.6	7.9	7.9
28/07/2023	7.4	7.3	8.1	7.4	7.5	7.6	7.7
29/07/2023	7.7	7.4	8.1	7.9	7.4	7.8	7.8
30/07/2023	7.4	7.6	8.1	7.7	7.5	7.7	7.8
31/07/2023	7.5	7.5	8.1	7.8	7.6	7.6	7.8
1/08/2023	7.4	7.7	8.0	7.8	7.6	7.5	7.8
2/08/2023	7.3	7.9	7.8	7.8	7.1	7.6	8.0
3/08/2023	6.6	6.3	8.0	7.3	7.3	8.4	7.6
4/08/2023	7.4	7.7	8.2	7.9	7.6	7.6	7.7
5/08/2023	7.4	7.5	8.0	7.8	7.5	7.4	7.7
6/08/2023	7.5	7.3	8.1	7.8	7.3	7.5	7.8
7/08/2023	7.6	7.7	8.1	7.9	7.4	7.9	7.9

8/08/2023	7.5	7.8	8.2	8.0	7.7	7.7	8.0
9/08/2023	7.5	7.4	7.8	7.9	7.4	7.7	7.7
10/08/2023	7.7	7.7	8.3	8.1	7.9	8.0	7.2
11/08/2023	7.5	7.8	7.0	7.1	7.9	7.8	6.8
12/08/2023	6.6	7.7	8.1	8.1	7.8	7.9	8.0
13/08/2023	7.4	7.5	7.3	7.9	7.7	7.8	7.8
14/08/2023	7.7	7.7	8.1	8.0	7.7	7.7	8.0
15/08/2023	7.6	7.7	8.0	7.7	7.5	7.8	7.9
16/08/2023	7.5	7.5	7.9	7.9	7.5	7.6	7.6
17/08/2023	7.5	7.5	8.0	7.8	7.7	7.1	7.8
18/08/2023	7.6	7.9	8.1	7.7	7.8	7.8	7.5
19/08/2023	7.5	7.7	7.6	7.3	7.7	7.8	7.1
20/08/2023	7.4	7.5	8.0	8.0	7.1	7.9	7.1
21/08/2023	7.5	7.4	7.9	7.7	7.6	7.7	7.9
22/08/2023	7.4	7.6	8.0	7.8	7.6	7.6	7.8
23/08/2023	7.5	7.8	8.2	7.5	7.9	7.6	7.9
24/08/2023	7.4	7.8	8.1	7.9	7.7	7.7	7.9
25/08/2023	7.9	8.2	8.2	8.3	8.1	8.0	8.2
26/08/2023	7.7	7.8	8.1	8.0	7.7	7.9	7.8
27/08/2023	7.7	7.9	7.7	8.1	7.8	7.7	8.0
28/08/2023	7.7	7.9	8.2	8.0	7.5	7.9	7.9
29/08/2023	7.4	7.7	7.9	7.7	7.4	7.3	7.9
30/08/2023	7.7	7.8	8.1	8.0	7.9	8.0	7.9
31/08/2023	7.7	7.8	8.0	7.8	7.8	7.9	8.0
1/09/2023	6.9	7.9	8.1	8.0	7.8	7.6	7.9
2/09/2023	7.3	7.7	8.0	8.0	7.7	7.0	7.9
3/09/2023	7.5	7.7	7.8	7.8	7.7	7.9	7.9
4/09/2023	7.5	7.7	8.1	7.9	7.7	7.8	7.8

5/09/2023	7.6	7.7	8.1	7.9	7.5	8.0	8.0
6/09/2023	7.6	7.7	8.1	8.0	7.9	7.9	7.9
7/09/2023	7.5	7.6	7.4	7.9	7.8	7.5	7.9
8/09/2023	8.1	7.8	8.3	7.9	8.1	8.2	8.3
9/09/2023	8.0	8.1	8.3	8.1	8.1	8.2	8.2
10/09/2023	7.7	8.1	8.2	7.9	7.4	7.8	8.1
11/09/2023	7.6	6.8	8.0	8.0	7.5	7.8	8.0
12/09/2023	6.4	6.6	7.8	7.2	7.2	7.3	7.6
13/09/2023	7.7	8.1	8.1	7.9	7.6	7.4	8.0
14/09/2023	7.1	7.8	7.8	8.0	7.7	7.8	7.8
15/09/2023	7.8	7.7	8.2	7.9	7.9	7.9	8.0
16/09/2023	6.8	7.8	8.1	7.9	7.8	7.9	8.0
17/09/2023	7.4	7.4	8.0	7.8	7.7	7.8	7.8
18/09/2023	7.6	7.7	8.0	7.9	7.8	7.8	7.9
19/09/2023	7.5	7.0	7.8	8.0	7.8	7.9	7.9
20/09/2023	7.5	7.6	8.0	7.9	7.8	7.8	7.9
21/09/2023	7.7	7.9	8.1	7.5	8.0	7.8	8.1
22/09/2023	8.0	7.9	8.0	8.1	7.2	8.1	8.0
23/09/2023	7.8	6.9	8.2	8.1	7.9	8.1	8.0
24/09/2023	7.9	6.5	8.1	7.3	7.9	8.0	8.1
25/09/2023	7.9	6.5	8.1	7.3	7.9	8.0	8.1
26/09/2023	7.7	7.0	8.1	7.8	7.5	7.9	8.0
27/09/2023	7.6	7.0	-	7.8	7.8	7.9	8.0
28/09/2023	7.6	7.0	-	7.7	8.2	8.0	8.0
29/09/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold
30/09/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold



1/10/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold
2/10/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold

* Result pending

#No sampling due to restricted access

** No sampling due to flooding

-No sampling due to not discharging

BOD (Biological Oxygen Demand) results

Date	Sampling Point 1	Sampling Point 2	Sampling Point 3	Sampling Point 5	Sampling Point 6	Sampling Point 7	Sampling Point 8
24/07/2023	< 2	< 2	Testing the release pipe. No release to creek.	< 2	< 2	< 2	< 2
25/07/2023	< 2	< 2	Release to the creek commenced late afternoon. No data available.	2.50	< 2	< 2	< 2
26/07/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
27/07/2023	< 2	2.10	< 2	< 2	< 2	< 2	< 2
28/07/2023	< 2	2.80	< 2	2.20	< 2	< 2	< 2
29/07/2023	< 2	3.50	< 2	2.20	< 2	< 2	< 2
30/07/2023	< 2	< 2	5.10	2.00	< 2	< 2	< 2
31/07/2023	< 2	< 2	2.00	< 2	< 2	< 2	< 2
1/08/2023	< 2	< 2	4.00	< 2	< 2	< 2	< 2
2/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
3/08/2023	< 2	< 2	4.60	< 2	< 2	< 2	< 2
4/08/2023	< 2	< 2	3.20	< 2	< 2	< 2	< 2
5/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
6/08/2023	< 2	< 2	< 2	2.30	< 2	< 2	< 2
7/08/2023	< 2	2.60	< 2	< 2	< 2	< 2	< 2
8/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2

9/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
10/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
11/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
12/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
13/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
14/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
15/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
16/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
17/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
18/08/2023	< 2	< 2	2.00	< 2	< 2	< 2	< 2
19/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
20/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
21/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
22/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
23/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
24/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
25/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
26/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
27/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
28/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
29/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
30/08/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
31/08/2023	< 2	2.10	< 2	< 2	< 2	< 2	< 2
1/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
2/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
3/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
4/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2

5/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
6/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
6/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
7/09/2023	< 2	2.6	< 2	< 2	< 2	< 2	< 2
8/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
9/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
10/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
11/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
12/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
13/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
14/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
15/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
16/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
17/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
18/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
19/09/2023	< 2	< 2	< 2	2.30	< 2	< 2	< 2
20/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
21/09/2023	< 2	< 2	< 2	2.10	< 2	< 2	< 2
22/09/2023	< 2	< 2	< 2	2.40	< 2	< 2	< 2
23/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
24/09/2023	< 2	< 2	< 2	< 2	< 2	< 2	< 2
25/09/2023	< 2	< 2	< 2	2.40	< 2	< 2	< 2
26/09/2023	*	*	*	*	*	*	*
27/09/2023	*	*	-	*	*	*	*
28/09/2023	*	*	-	*	*	*	*
29/09/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold

30/09/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold
1/10/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold
2/10/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold

* Result pending – testing completed over 5 days

#No sampling done due to restricted access

** No sampling due to flooding

-No sampling due to not discharging

E. coli results

Date	Sampling Point 1	Sampling Point 2	Sampling Point 3	Sampling Point 5	Sampling Point 6	Sampling Point 7	Sampling Point 8
24/07/2023	13	38	Testing the release pipe. No release to creek.	37	50	12	45
25/07/2023	18	170	Release to the creek commenced late afternoon. No data available.	44	40	17	63
26/07/2023	23	14	13	23	26	36	59
27/07/2023	41	20	10	10	63	15	85
28/07/2023	55	> 2400	6	2,000	47	39	52
29/07/2023	10	160	10	140	140	10	40
30/07/2023	27	86	1	24	71	28	88
31/07/2023	26	24	5	20	93	42	110
1/08/2023	22	22	10	20	36	29	53
2/08/2023	31	11	4	16	55	31	46
3/08/2023	22	< 10	1	21	36	35	44
4/08/2023	20	21	6	24	51	17	56
5/08/2023	15	990	10	160	100	34	79
6/08/2023	19	35	5	14	59	74	65
7/08/2023	20	15	7	25	61	35	86
8/08/2023	16	10	5	12	40	15	44

9/08/2023	18	9	5	7	72	35	72
10/08/2023	23	93	7	10	29	17	78
11/08/2023	5	20	82	7	20	82	15
12/08/2023	18	36	4	8	78	28	99
13/08/2023	15	1,200	44	460	120	36	74
14/08/2023	35	23	19	20	46	25	47
15/08/2023	12	30	1	< 1	66	31	26
16/08/2023	27	5	1	< 1	55	17	28
17/08/2023	30	< 10	1	< 1	56	15	57
18/08/2023	27	10	10	< 1	37	23	63
19/08/2023	10	31	1	< 1	49	20	73
20/08/2023	20	2	1	4	75	39	96
21/08/2023	140	25	1	1	37	20	73
22/08/2023	35	5	1	25	28	30	64
23/08/2023	29	2,000	1	10	31	11	61
24/08/2023	42	130	1	3	71	30	39
25/08/2023	35	59	1	1	20	28	69
26/08/2023	61	10	1	4	26	29	77
27/08/2023	31	20	2	3	28	57	102
28/08/2023	28	12	1	4	41	12	24
29/08/2023	21	7	1	6	10	79	70
30/08/2023	11	74	20	17	11	56	13
31/08/2023	23	1	4	47	19	22	20
1/09/2023	4	93	12	10	2	3	15
2/09/2023	19	5	1	1	23	24	68
3/09/2023	16	3	3	3	7	21	34
4/09/2023	28	4	1	5	26	21	64
5/09/2023	21	96	1	12	45	20	60

6/09/2023	9	11	1	3	12	9	36
7/09/2023	10	< 10	3	4	17	4	28
8/09/2023	99	> 2400	5	200	30	50	47
9/09/2023	18	920	1	93	410	55	180
10/09/2023	48	110	2	12	210	30	110
11/09/2023	99	39	1	4	44	44	110
12/09/2023	24	23	10	15	32	28	81
13/09/2023	40	12	<1	5	15	84	99
14/09/2023	31	2	1	6	11	21	140
15/09/2023	45	3	2	13	9	22	99
16/09/2023	80	5	9	86	21	17	79
17/09/2023	50	6	9	9	11	20	68
18/09/2023	37	3	14	17	10	37	50
19/09/2023	20	10	3	19	10	40	50
20/09/2023	53	1	13	20	22	28	71
21/09/2023	18	1	4	19	25	10	91
22/09/2023	16	2	4	55	72	40	68
23/09/2023	52	1	22	27	20	130	55
24/09/2023	23	3	7	31	15	36	57
25/09/2023	12	2	20	40	12	13	54
26/09/2023	35	3	37	31	16	18	84
27/09/2023	44	16	-	39	31	11	41
28/09/2023	23	7	-	10	53	22	32
29/09/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold
30/09/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold



1/10/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold
2/10/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold

* Result Pending

#No sampling due to restricted access

** No sampling due to flooding

-No sampling due to not discharging

Suspended solids results

Date	Sampling Point 1	Sampling Point 2	Sampling Point 3	Sampling Point 5	Sampling Point 6	Sampling Point 7	Sampling Point 8
24/07/2023	< 1	5.9	Testing the release pipe. No release to creek.	3.8	3.9	< 1	1.6
25/07/2023	1.0	5.6	Release to the creek commenced late afternoon. No data available.	8.3	< 1	< 1	< 1
26/07/2023	2.5	2.9	5.6	5.3	1.6	1.0	1.0
27/07/2023	3.9	31.0	4.6	5.3	1.5	1.1	9.6
28/07/2023	1.7	16.0	4.8	14.0	1.5	2.6	1.6
29/07/2023	3.2	39.0	5.1	12.0	3.1	1.7	24.0
30/07/2023	2.2	29.0	11.0	13.0	2.1	1.4	1.2
31/07/2023	1.3	12.0	4.6	7.8	2.6	< 1	1.6
1/08/2023	2.0	5.9	10.0	7.2	1.2	< 1	1.1
2/08/2023	2.2	4.8	4.6	4.8	1.8	2.8	1.2
3/08/2023	2.6	24.0	14.0	6.0	3.7	6.9	1.7
4/08/2023	1.6	13.0	5.7	6.1	1.1	< 1	< 1
5/08/2023	2.4	40.0	4.5	11.0	2.3	1.3	1.3
6/08/2023	1.8	14.0	3.9	6.0	2.1	1.1	1.7
7/08/2023	2.2	12.0	4.2	5.1	2.5	2.5	2.2
8/08/2023	1.7	14.0	3.4	4.8	1.3	< 1	< 1

9/08/2023	1.1	5.8	4.4	3.7	1.3	< 1	< 1
10/08/2023	8.2	9.6	5.2	7.2	2.0	1.1	8.8
11/08/2023	1.3	13.0	4.6	9.5	1.8	< 1	< 1
12/08/2023	1.6	11.0	4.0	6.3	2.1	1.0	< 1
13/08/2023	1.2	14.0	6.5	8.7	1.8	1.6	1.2
14/08/2023	1.1	13.0	4.8	5.6	1.5	1.2	1.1
15/08/2023	12.0	80.0	5.0	4.6	2.1	2.2	3.0
16/08/2023	2.1	11.0	6.3	6.1	6.8	1.0	2.8
17/08/2023	15.0	72.0	6.1	5.4	1.7	1.8	1.2
18/08/2023	1.4	13.0	79.0	69.0	1.3	< 1	1.1
19/08/2023	1.2	10.0	1.0	5.6	2.1	1.8	1.5
20/08/2023	1.3	3.8	4.6	4.3	2.2	1.5	1.5
21/08/2023	1.6	3.3	5.9	4.9	2.0	1.3	1.4
22/08/2023	2.3	16.0	5.0	6.3	1.7	11.0	4.6
23/08/2023	1.7	39.0	3.9	24.0	1.3	1.1	1.2
24/08/2023	3.6	24.0	5.5	7.9	4.2	2.0	2.6
25/08/2023	1.3	20.0	5.4	6.1	1.6	2.3	1.0
26/08/2023	2.5	25.0	3.5	5.4	1.9	1.4	1.5
27/08/2023	2.4	20.0	3.7	6.3	1.9	< 1	1.2
28/08/2023	1.5	7.0	3.4	3.4	1.4	< 1	< 1
29/08/2023	1.8	7.9	6.2	5.3	2.6	1.8	1.9
30/08/2023	1.5	8.7	6.6	8.1	1.6	< 1	1.3
31/08/2023	5.9	54.0	4.8	11.0	2.1	2.7	40.0
1/09/2023	1.6	4.3	3.7	4.3	1.4	< 1	1.2
2/09/2023	1.2	6.9	4.3	5.5	1.5	< 1	1.1
3/09/2023	1.5	14.0	6.6	5.5	1.9	< 1	1.0
4/09/2023	1.7	11.0	5.7	5.7	2.0	< 1	< 1
5/09/2023	1.2	13.0	4.6	7.6	1.7	< 1	1.1

6/09/2023	1.3	8.0	6.8	5.3	1.8	1.0	1.2
7/09/2023	23.0	41.0	8.3	6.4	3.8	2.2	43.0
8/09/2023	1.4	19.0	5.7	14.0	2.2	1.7	1.3
9/09/2023	2.9	19.0	4.5	7.7	5.0	2.4	11.0
10/09/2023	2.3	14.0	5.3	6.9	2.5	1.2	1.2
11/09/2023	2.8	9.8	5.5	5.6	1.7	1.6	2.8
12/09/2023	2.9	8.5	7.6	19.0	2.4	1.5	2.1
13/09/2023	2.4	6.2	6.6	5.1	2	1.1	1.3
14/09/2023	2.4	8.7	1.8	5.5	1.8	<1	6.7
15/09/2023	1.0	4.3	4.8	4.5	1.3	<1	1.1
16/09/2023	3.0	5.2	5.0	4.8	2.7	1.2	1.3
17/09/2023	11.0	4.8	4.7	5.5	2.6	1.6	21
18/09/2023	<1	5.5	4.1	5	1.7	1.2	1.6
19/09/2023	43.0	21.0	5.1	4.8	3.1	1.7	6.1
20/09/2023	2.6	2.9	4.4	6.7	1.6	< 1	1.5
21/09/2023	2.0	3.6	5.5	5.8	2.5	1.5	2.3
22/09/2023	1.3	3.3	5.1	5.5	1.7	< 1	1.3
23/09/2023	2.5	4.3	4.8	5.6	1.7	1.1	1.7
24/09/2023	2.4	23.0	4.1	5.5	1.8	1.4	1.9
25/09/2023	3.9	3.8	5.2	6.8	2.3	1.4	2.0
26/09/2023	2.0	9.5	6.5	6.0	2.1	6.1	1.7
27/09/2023	1.1	6.4	-	8.0	1.6	1.6	2.1
28/09/2023	3.1	21.0	-	13.0	1.7	< 1	1.5
29/09/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold
30/09/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold



1/10/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold
2/10/2023	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold	Discharge on Hold

* Result Pending

#No sampling due to restricted access

** No sampling due to flooding

-No sampling due to not discharging

Glossary	
Biological Oxygen Demand (BOD)	BOD measures the amount of dissolved oxygen used by aerobic microorganisms to break down organic material present in water. It's an important water quality measure as BOD directly affects the amount of dissolved oxygen in rivers and streams. The higher the BOD is, the more rapidly oxygen is depleted in the stream, which means there is less oxygen available to aquatic life.
Class B	A high grade of recycled water acceptable for a number of uses including for certain human food crops, livestock grazing and fodder, and irrigation of public spaces such as sporting ovals and golf courses. Class B recycled water is suitable for sheep, goats, cattle, horses and poultry drinking water. It's not suitable for pigs to drink.
Escherichia coli (E. coli)	E. coli are common bacteria, normally found in the gut of warm-blooded animals. There are many types of E. coli bacteria, most of which are harmless. However, some types of E. coli produce toxins (poisons) that can cause gastroenteritis (gastro). <u>Source: betterhealth.vic.gov.au</u>
Dilution ratio	The dilution ratio is a measure of recycled water to creek water. The recycled water must be mixed well with the water in the creek to achieve dilution and this occurs through the normal flow of the waterway.
Discharge point	This is the point where we release treated recycled water from the recycled water plant into the waterway.
Flow rate	This is the volume of water passing through a section of the creek for a specified period of time. Each day we measure the flow rate of the creek and adjust the flow rate of the recycled water release to ensure the highest possible dilution rate.
Helminth	Helminths are parasitic worms that can infect humans and other animals. The <i>Livestock Disease Control Act 1994</i> outlines requirements for livestock drinking and grazing land irrigated with recycled water to protect stock and human health. A requirement for helminth control is a key part of this Act, that requires specific treatment processes to reduce pathogens, including helminth, to acceptable levels. This is to prevent helminth infections in cattle ('beef measles' or <i>Cysticercus bovis</i>) caused by the helminth <i>Taenia saginata</i> , a human tapeworm in cattle which can impact meat quality. <u>Source: epa.vic.gov.au</u>

pH	pH is a scale of acidity from 0 to 14. It tells us how acidic or alkaline the water is. More acidic water will have lower pH while more alkaline solutions have higher pH. Neutral solutions (that aren't acidic or alkaline usually have a pH of 7.
Recycled water	Water that has been derived from sewerage systems or industry processes and treated to a standard that is appropriate for its intended use. <u>Source: epa.vic.gov.au</u>
Suspended solids	Small solid particles that remain in suspension in water. This is an indicator of water quality. The more solids present in the water, the less clear the water will be.